

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD011221\  
 Data File : VD068057.D  
 Acq On : 12 Jan 2021 14:57  
 Operator : VA/SY  
 Sample : VSTDICC150  
 Misc : 5.00G/5.00ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

MMDadoda  
 1/13/2021 4:37:59 PM

Quant Time: Jan 13 03:38:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011221S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 13 03:34:28 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                        |                |      |                     |        |        |          |
| Internal Standards           |                |      |                     |        |        |          |
| 1) Pentafluorobenzene        | 7.985          | 168  | 523903              | 50.00  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.867          | 114  | 816338              | 50.00  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.649         | 117  | 742789              | 50.00  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.579         | 152  | 343012              | 50.00  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.332          | 65   | 570315              | 103.39 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 50 - 163 |      | Recovery = 206.78%# |        |        |          |
| 35) Dibromofluoromethane     | 7.920          | 113  | 628682              | 123.32 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 54 - 147 |      | Recovery = 246.64%# |        |        |          |
| 50) Toluene-d8               | 10.343         | 98   | 2205579             | 115.63 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 49 - 140 |      | Recovery = 231.26%# |        |        |          |
| 62) 4-Bromofluorobenzene     | 12.632         | 95   | 799437              | 121.96 | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 25 - 144 |      | Recovery = 243.92%# |        |        |          |
| Target Compounds             |                |      |                     |        |        |          |
|                              |                |      |                     |        | Qvalue |          |
| 2) Dichlorodifluoromethane   | 1.991          | 85   | 679318              | 128.58 | ug/l   | 97       |
| 3) Chloromethane             | 2.209          | 50   | 597173              | 86.55  | ug/l   | 99       |
| 4) Vinyl Chloride            | 2.350          | 62   | 660162              | 100.83 | ug/l   | 96       |
| 5) Bromomethane              | 2.750          | 94   | 509798              | 106.94 | ug/l   | 96       |
| 6) Chloroethane              | 2.914          | 64   | 418067              | 103.71 | ug/l   | 99       |
| 7) Trichlorofluoromethane    | 3.273          | 101  | 1296562             | 129.65 | ug/l   | 98       |
| 8) Diethyl Ether             | 3.714          | 74   | 327323              | 118.15 | ug/l   | 95       |
| 9) 1,1,2-Trichlorotrifluo... | 4.097          | 101  | 715820              | 121.62 | ug/l   | 100      |
| 10) Methyl Iodide            | 4.303          | 142  | 878537              | 169.59 | ug/l   | 98       |
| 11) Tert butyl alcohol       | 5.220          | 59   | 185823              | 389.62 | ug/l   | 100      |
| 12) 1,1-Dichloroethene       | 4.067          | 96   | 689684              | 123.04 | ug/l   | 98       |
| 13) Acrolein                 | 3.920          | 56   | 263147              | 663.13 | ug/l   | 98       |
| 14) Allyl chloride           | 4.720          | 41   | 839345              | 88.60  | ug/l   | 99       |
| 15) Acrylonitrile            | 5.420          | 53   | 632233              | 482.56 | ug/l   | 98       |
| 16) Acetone                  | 4.156          | 43   | 496198              | 474.10 | ug/l   | 92       |
| 17) Carbon Disulfide         | 4.414          | 76   | 2009424             | 105.43 | ug/l   | 100      |
| 18) Methyl Acetate           | 4.720          | 43   | 257592              | 85.55  | ug/l   | 97       |
| 19) Methyl tert-butyl Ether  | 5.485          | 73   | 1489892             | 127.41 | ug/l   | 95       |
| 20) Methylene Chloride       | 4.967          | 84   | 752914              | 86.76  | ug/l   | 96       |
| 21) trans-1,2-Dichloroethene | 5.479          | 96   | 765999              | 115.57 | ug/l   | 96       |
| 22) Diisopropyl ether        | 6.367          | 45   | 1607709             | 84.37  | ug/l   | 99       |
| 23) Vinyl Acetate            | 6.308          | 43   | 4549486             | 468.46 | ug/l   | 98       |
| 24) 1,1-Dichloroethane       | 6.267          | 63   | 1181680             | 99.72  | ug/l   | 98       |
| 25) 2-Butanone               | 7.214          | 43   | 666713              | 443.44 | ug/l   | 99       |
| 26) 2,2-Dichloropropane      | 7.214          | 77   | 1167164             | 121.03 | ug/l   | 100      |
| 27) cis-1,2-Dichloroethene   | 7.214          | 96   | 839238              | 117.99 | ug/l   | 98       |
| 28) Bromochloromethane       | 7.550          | 49   | 371729              | 85.72  | ug/l   | 98       |
| 29) Tetrahydrofuran          | 7.567          | 42   | 423201              | 419.07 | ug/l   | 97       |
| 30) Chloroform               | 7.714          | 83   | 1350028             | 114.55 | ug/l   | 100      |
| 31) Cyclohexane              | 7.985          | 56   | 1002658             | 90.98  | ug/l   | 97       |
| 32) 1,1,1-Trichloroethane    | 7.908          | 97   | 1310244             | 126.93 | ug/l   | 99       |
| 36) 1,1-Dichloropropene      | 8.114          | 75   | 1005449             | 118.67 | ug/l   | 99       |
| 37) Ethyl Acetate            | 7.297          | 43   | 311301              | 93.79  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.097          | 117  | 1221262             | 144.52 | ug/l   | 98       |
| 39) Methylcyclohexane        | 9.361          | 83   | 1291945             | 130.58 | ug/l   | 95       |
| 40) Benzene                  | 8.355          | 78   | 2812046             | 114.72 | ug/l   | 97       |

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 ClientSampleId :  
 VSTDICC150

Manual Integrations  
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 Quant Title : SW846 8260  
 QLast Update : Wed Jan 13 03:34:28 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.526  | 41   | 173187   | 91.70   | ug/l   | 91       |
| 42) 1,2-Dichloroethane        | 8.432  | 62   | 790686   | 118.05  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.455  | 43   | 628241   | 102.44  | ug/l   | 100      |
| 44) Trichloroethene           | 9.120  | 130  | 882706   | 139.20  | ug/l   | 96       |
| 45) 1,2-Dichloropropane       | 9.391  | 63   | 648520   | 105.17  | ug/l   | 99       |
| 46) Dibromomethane            | 9.479  | 93   | 381467   | 123.40  | ug/l   | 98       |
| 47) Bromodichloromethane      | 9.667  | 83   | 1042240  | 125.86  | ug/l   | 99       |
| 48) Methyl methacrylate       | 9.461  | 41   | 331452   | 104.26  | ug/l   | 97       |
| 49) 1,4-Dioxane               | 9.461  | 88   | 88919    | 2622.59 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone      | 10.232 | 43   | 1508641  | 476.52  | ug/l   | 100      |
| 52) Toluene                   | 10.408 | 92   | 1894161  | 123.62  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene     | 10.626 | 75   | 943813   | 125.73  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene   | 10.091 | 75   | 1124160  | 121.91  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane     | 10.802 | 97   | 537736   | 124.66  | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.661 | 69   | 626795   | 130.34  | ug/l   | 98       |
| 57) 1,3-Dichloropropane       | 10.949 | 76   | 875082   | 116.65  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.949  | 63   | 1429582  | 602.78  | ug/l   | 99       |
| 59) 2-Hexanone                | 10.991 | 43   | 1044619  | 499.30  | ug/l   | 100      |
| 60) Dibromochloromethane      | 11.143 | 129  | 741478   | 136.72  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.249 | 107  | 522589   | 125.75  | ug/l   | 96       |
| 64) Tetrachloroethene         | 10.879 | 164  | 718996   | 136.26  | ug/l   | 98       |
| 65) Chlorobenzene             | 11.673 | 112  | 2066128  | 129.22  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane | 11.743 | 131  | 786505   | 136.63  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.749 | 91   | 3692755  | 130.32  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.855 | 106  | 2853011  | 263.56  | ug/l   | 100      |
| 69) o-Xylene                  | 12.185 | 106  | 1310866  | 135.72  | ug/l   | 95       |
| 70) Styrene                   | 12.196 | 104  | 2241555  | 133.85  | ug/l   | 100      |
| 71) Bromoform                 | 12.361 | 173  | 421092   | 143.94  | ug/l # | 99       |
| 73) Isopropylbenzene          | 12.479 | 105  | 3642845  | 142.26  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.290 | 43   | 556178   | 100.90  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane | 12.732 | 83   | 535393   | 115.14  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane    | 12.785 | 75   | 349529m  | 122.54  | ug/l   |          |
| 77) Bromobenzene              | 12.761 | 156  | 840821   | 143.24  | ug/l   | 98       |
| 78) n-propylbenzene           | 12.820 | 91   | 4112267  | 130.88  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.908 | 91   | 2350327  | 132.48  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.961 | 105  | 3028225  | 142.10  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-b... | 12.532 | 75   | 179866   | 128.43  | ug/l   | 98       |
| 82) 4-Chlorotoluene           | 13.008 | 91   | 2426884  | 130.04  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.226 | 119  | 2622236  | 148.97  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene    | 13.267 | 105  | 2996049  | 140.81  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.402 | 105  | 3559795  | 139.24  | ug/l   | 99       |
| 86) p-Isopropyltoluene        | 13.520 | 119  | 3317876  | 146.55  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene       | 13.520 | 146  | 1571096  | 135.01  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene       | 13.596 | 146  | 1580122  | 137.32  | ug/l   | 99       |
| 89) n-Butylbenzene            | 13.843 | 91   | 2995902  | 135.41  | ug/l   | 100      |
| 90) Hexachloroethane          | 14.114 | 117  | 642676   | 139.71  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene       | 13.890 | 146  | 1378306  | 139.85  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.508 | 75   | 92049    | 124.80  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene    | 15.161 | 180  | 1004259  | 166.43  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.267 | 225  | 623254   | 173.59  | ug/l   | 99       |
| 95) Naphthalene               | 15.402 | 128  | 1785983  | 169.35  | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.596 | 180  | 855392   | 164.35  | ug/l   | 100      |

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ALS Vial : 9 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
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Manual Integrations  
APPROVED

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Quant Time: Jan 13 03:38:29 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\82D011221S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 13 03:34:28 2021  
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| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

(#) = qualifier out of range (m) = manual integration (+) = signals summed

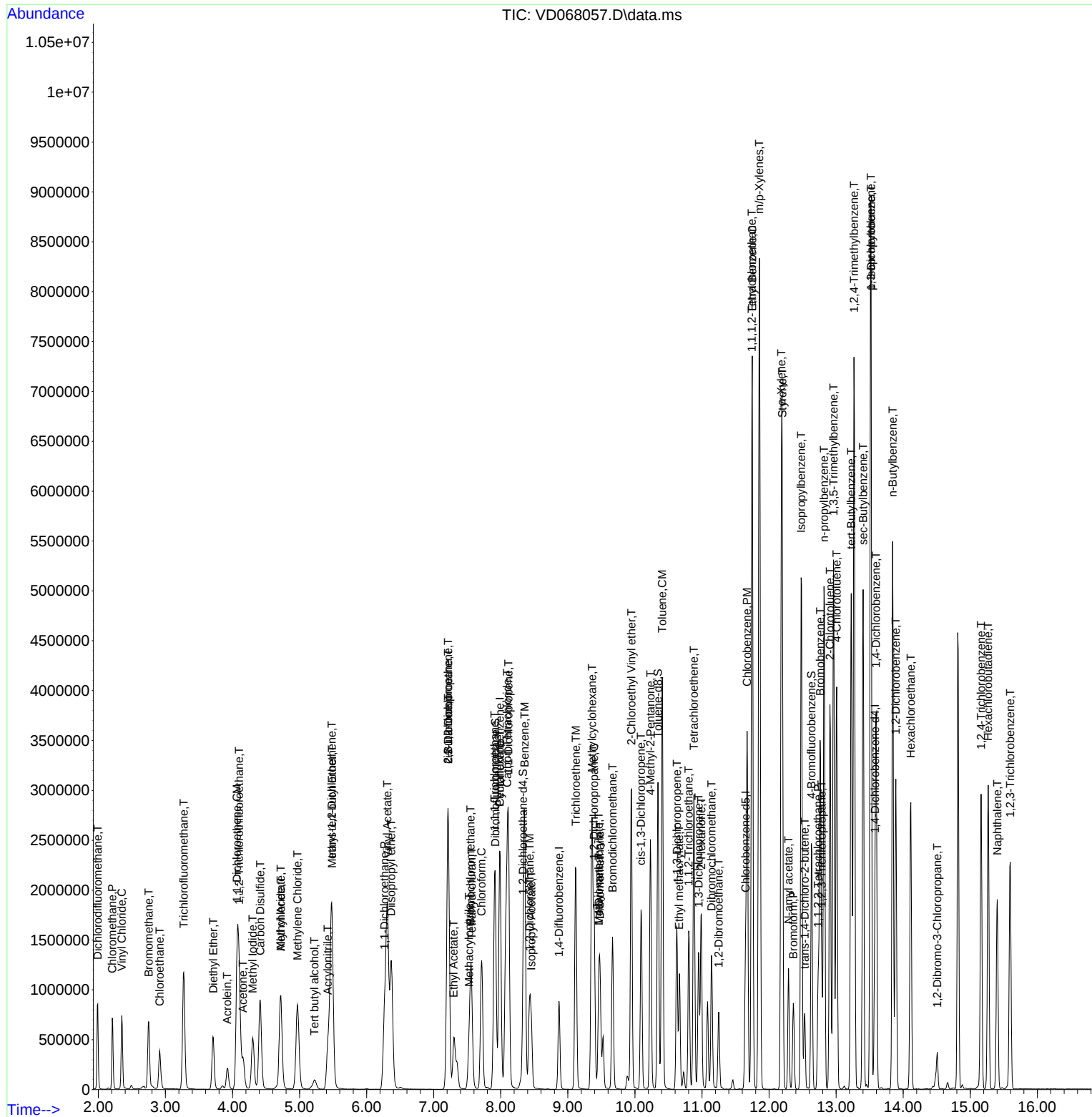
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Data File : VD068057.D  
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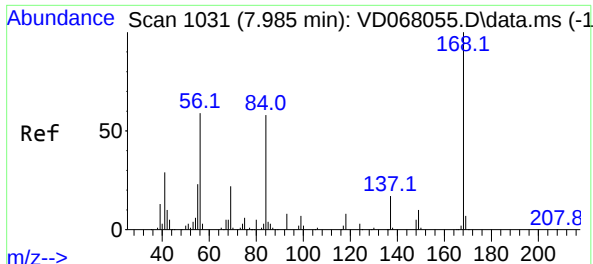
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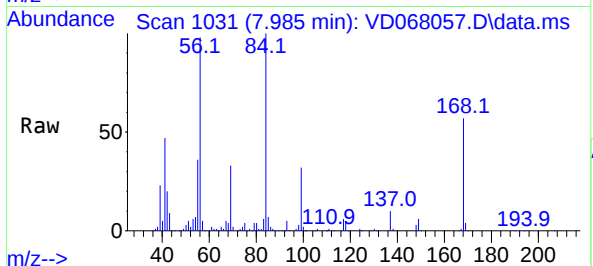
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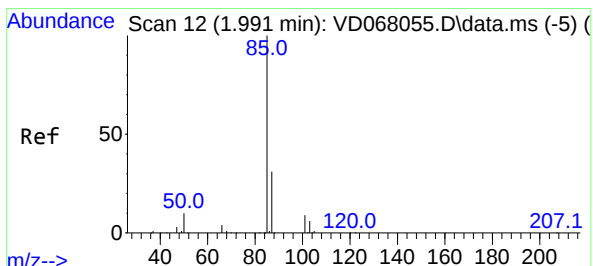
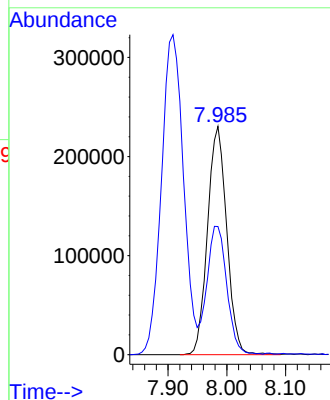
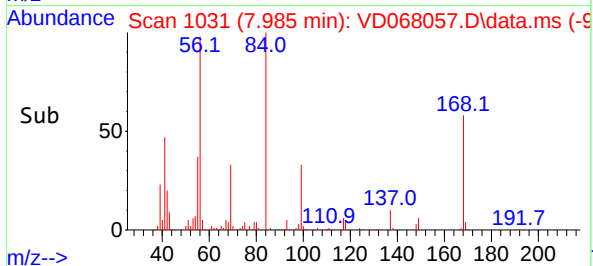




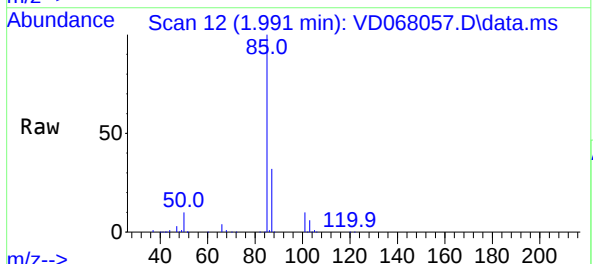
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Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



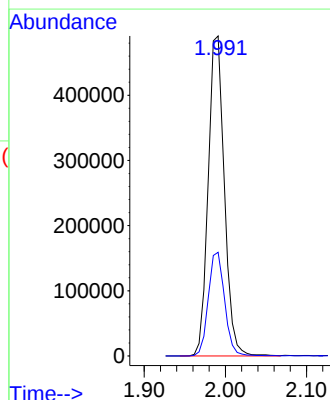
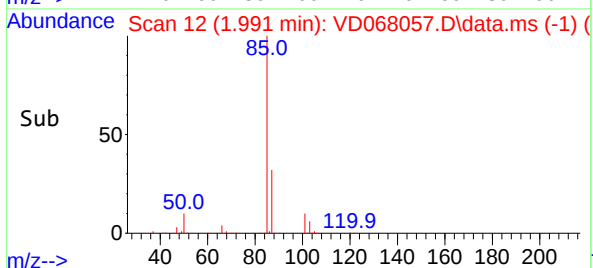
Tgt Ion: 168 Resp: 523903  
Ion Ratio Lower Upper  
168 100  
99 55.7 43.5 65.3



#2  
Dichlorodifluoromethane  
Concen: 128.58 ug/l  
RT: 1.991 min Scan# 12  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



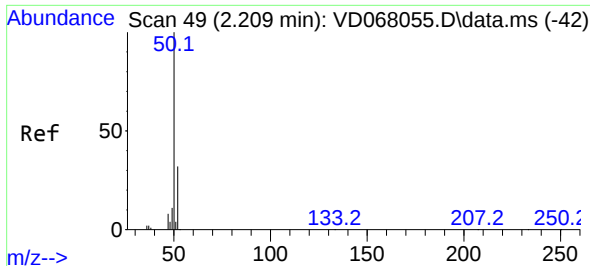
Tgt Ion: 85 Resp: 679318  
Ion Ratio Lower Upper  
85 100  
87 32.4 15.4 46.1



Instrument :  
MSVOA\_D  
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Manual Integrations  
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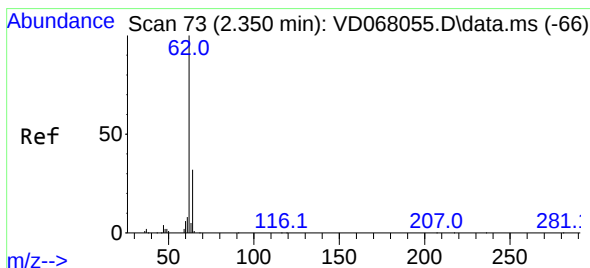
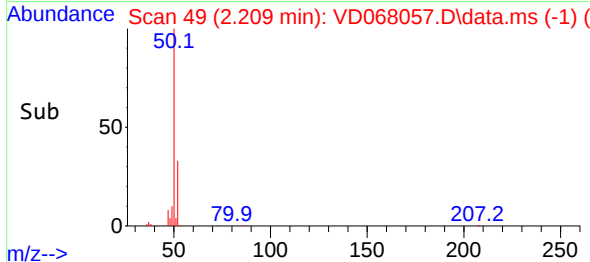
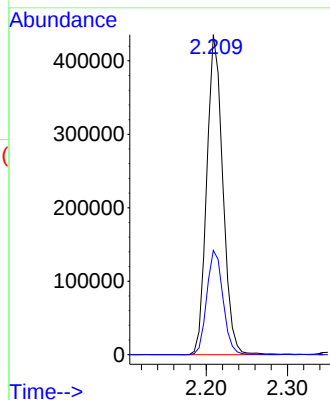
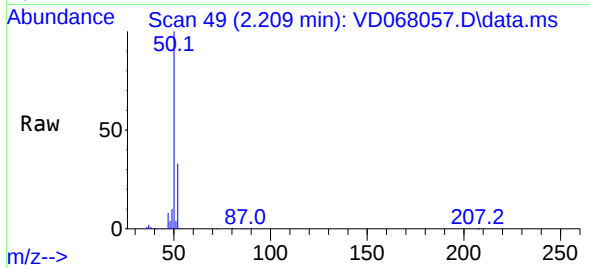
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Chloromethane  
Concen: 86.55 ug/l  
RT: 2.209 min Scan# 49  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 50 Resp: 597173  
Ion Ratio Lower Upper  
50 100  
52 32.6 25.4 38.2

Instrument :  
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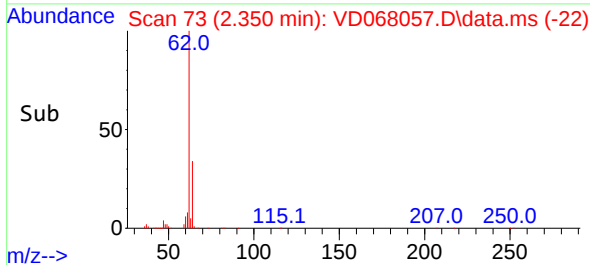
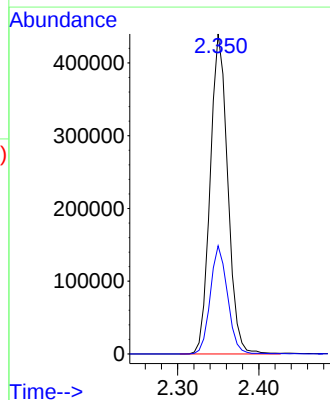
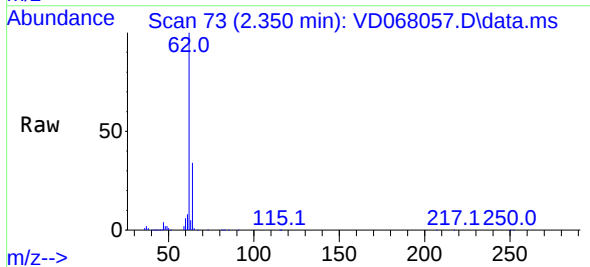
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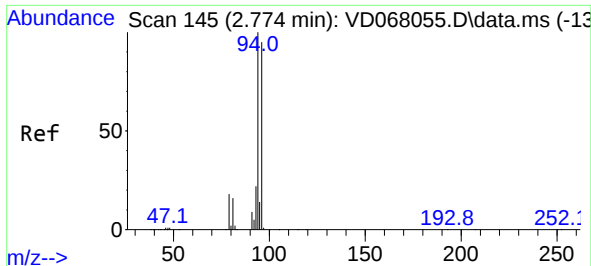
MMDadoda  
1/13/2021 4:37:59 PM



#4  
Vinyl Chloride  
Concen: 100.83 ug/l  
RT: 2.350 min Scan# 73  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 62 Resp: 660162  
Ion Ratio Lower Upper  
62 100  
64 33.8 25.4 38.2





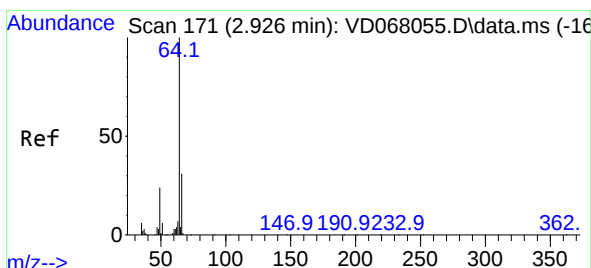
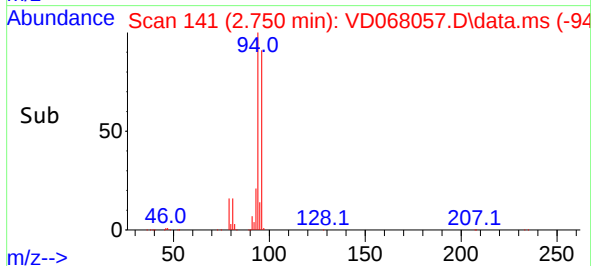
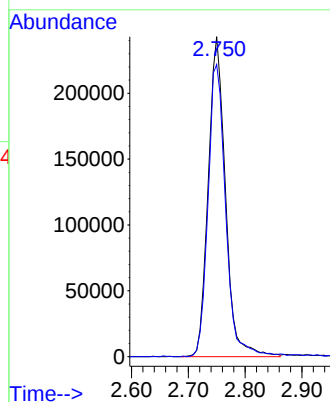
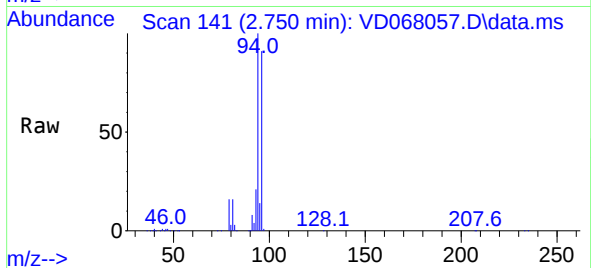
#5  
Bromomethane  
Concen: 106.94 ug/l  
RT: 2.750 min Scan# 141  
Delta R.T. -0.024 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 94 Resp: 509798  
Ion Ratio Lower Upper  
94 100  
96 91.3 75.8 113.8

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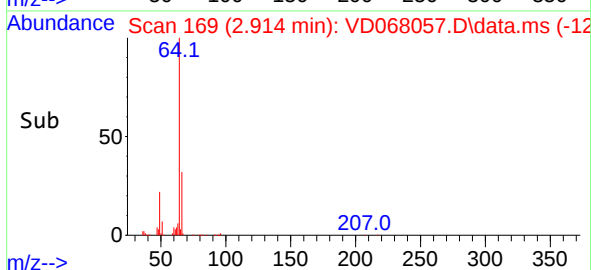
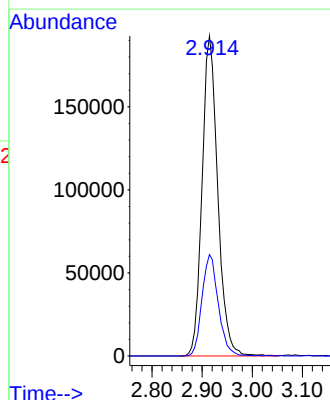
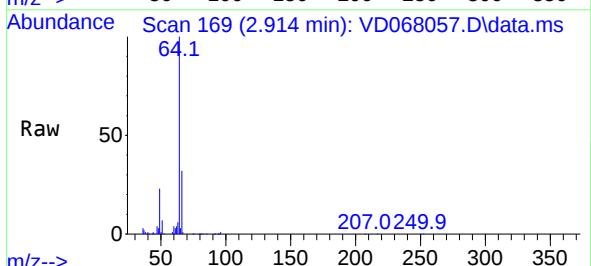
Manual Integrations  
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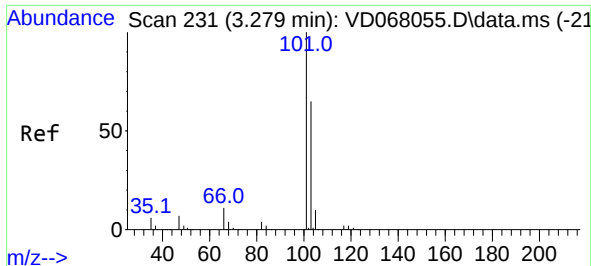
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#6  
Chloroethane  
Concen: 103.71 ug/l  
RT: 2.914 min Scan# 169  
Delta R.T. -0.012 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 64 Resp: 418067  
Ion Ratio Lower Upper  
64 100  
66 31.7 25.1 37.7





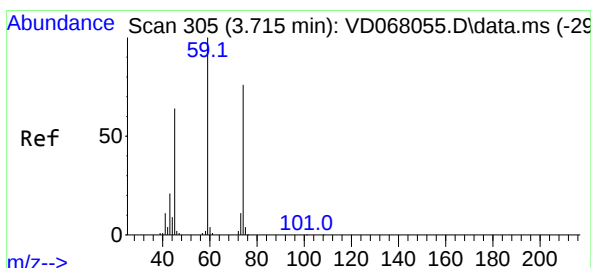
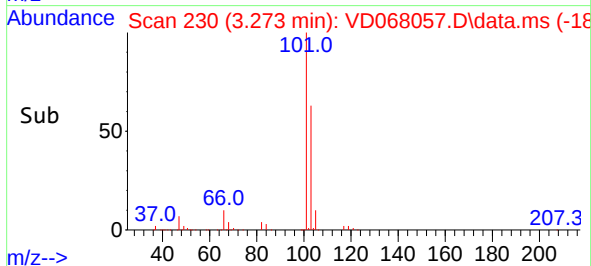
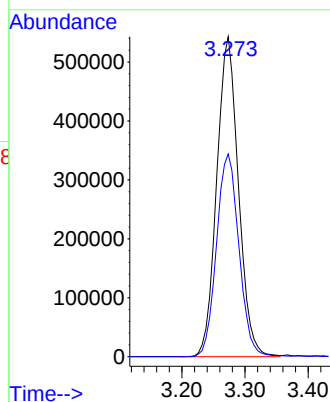
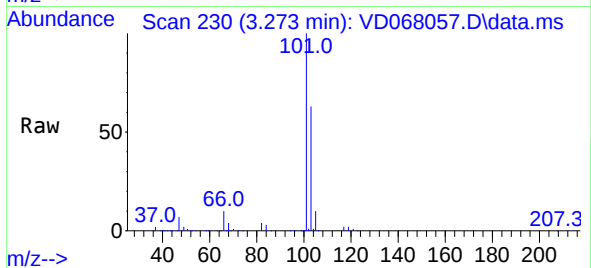
#7  
Trichlorofluoromethane  
Concen: 129.65 ug/l  
RT: 3.273 min Scan# 230  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion:101 Resp: 1296562  
Ion Ratio Lower Upper  
101 100  
103 63.4 52.0 78.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

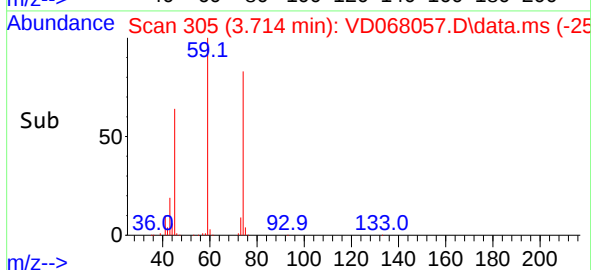
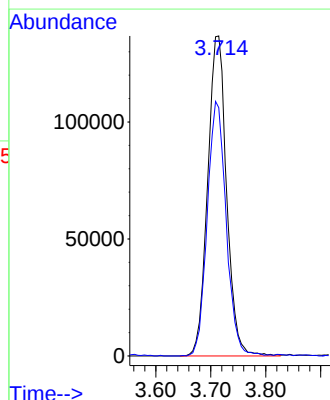
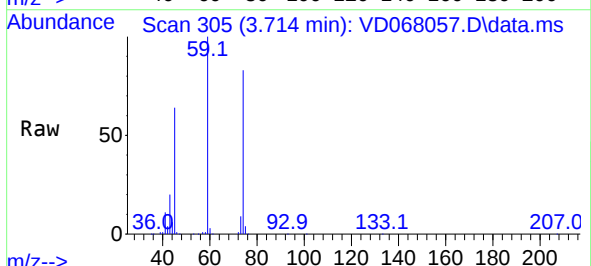
Manual Integrations  
APPROVED

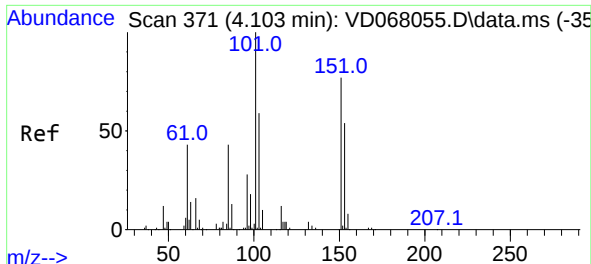
MMDadoda  
1/13/2021 4:37:59 PM



#8  
Diethyl Ether  
Concen: 118.15 ug/l  
RT: 3.714 min Scan# 305  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 74 Resp: 327323  
Ion Ratio Lower Upper  
74 100  
45 79.7 42.1 126.4





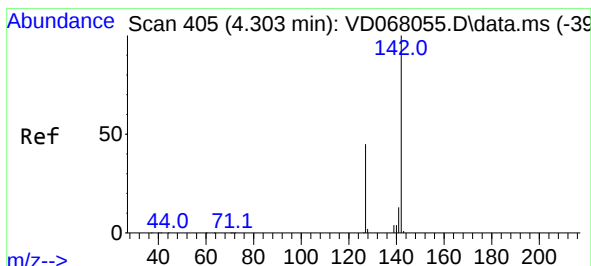
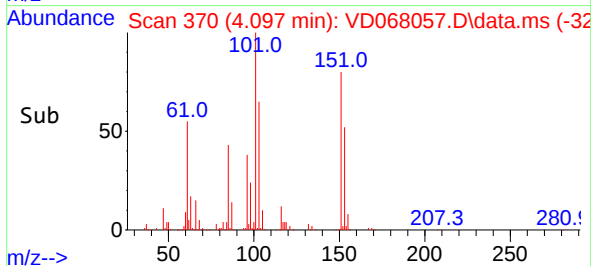
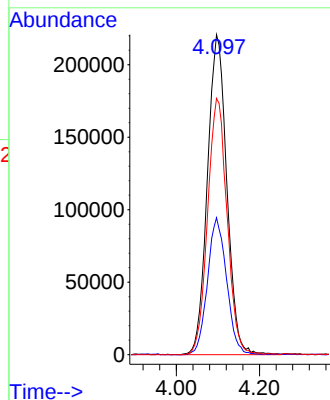
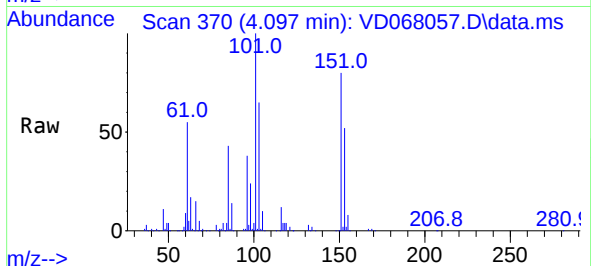
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 121.62 ug/l  
RT: 4.097 min Scan# 370  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 101   | Resp: | 715820 |
| Ion      | Ratio | Lower | Upper  |
| 101      | 100   |       |        |
| 85       | 42.2  | 34.0  | 51.0   |
| 151      | 80.2  | 64.1  | 96.1   |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

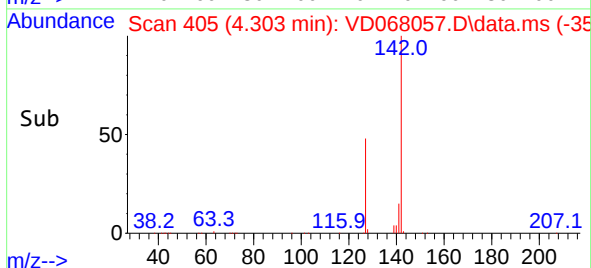
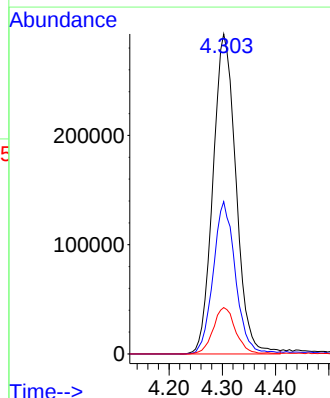
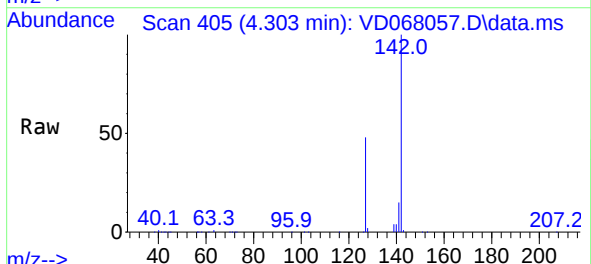
Manual Integrations  
APPROVED

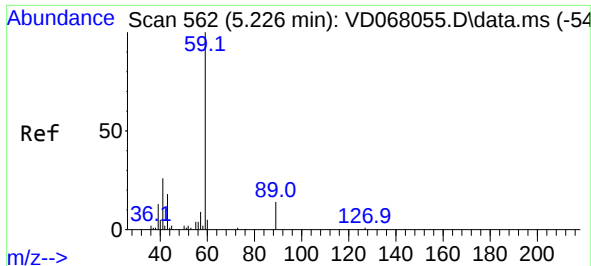
MMDadoda  
1/13/2021 4:37:59 PM



#10  
Methyl Iodide  
Concen: 169.59 ug/l  
RT: 4.303 min Scan# 405  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 878537 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 46.0  | 37.9  | 56.9   |
| 141      | 14.1  | 11.5  | 17.3   |





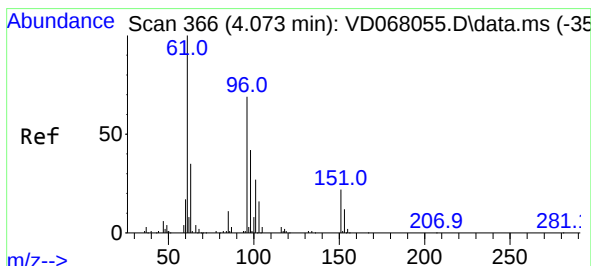
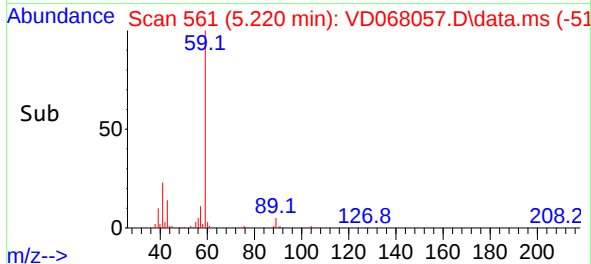
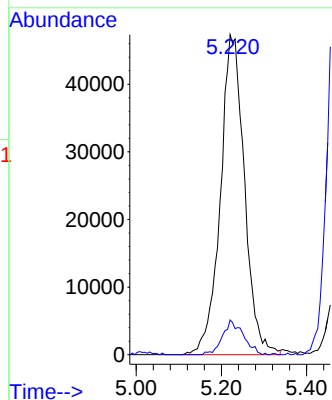
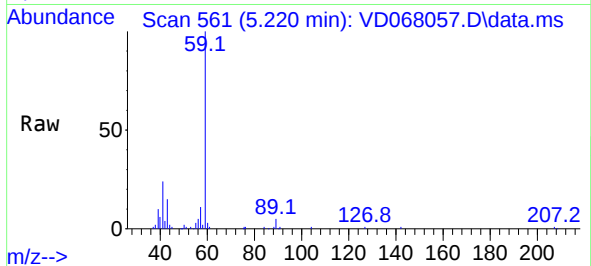
#11  
Tert butyl alcohol  
Concen: 389.62 ug/l  
RT: 5.220 min Scan# 561  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 59 Resp: 185823  
Ion Ratio Lower Upper  
59 100  
57 9.3 7.4 11.2

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

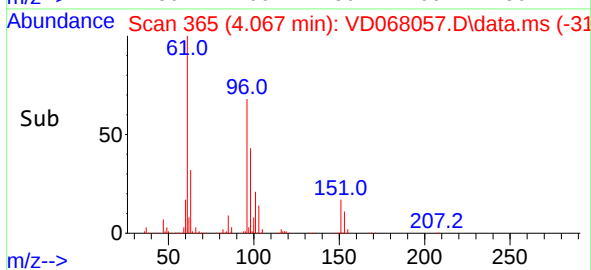
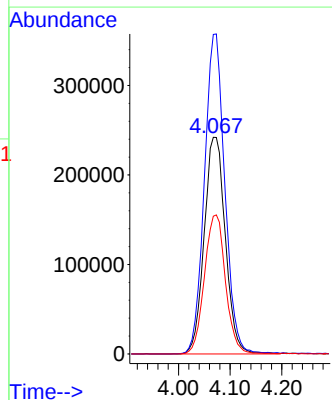
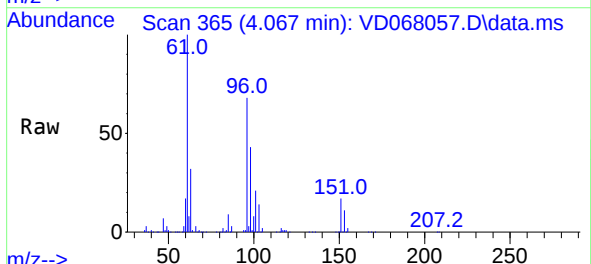
Manual Integrations  
APPROVED

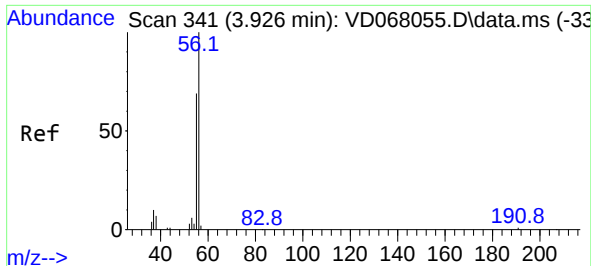
MMDadoda  
1/13/2021 4:37:59 PM



#12  
1,1-Dichloroethene  
Concen: 123.04 ug/l  
RT: 4.067 min Scan# 365  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 96 Resp: 689684  
Ion Ratio Lower Upper  
96 100  
61 147.3 116.2 174.4  
98 63.5 48.6 73.0





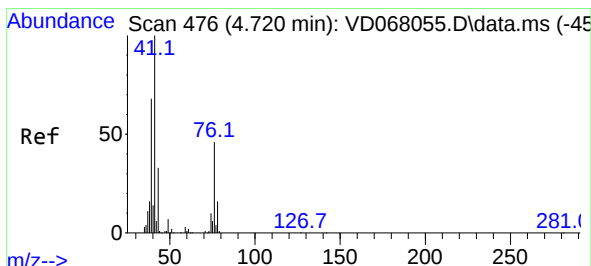
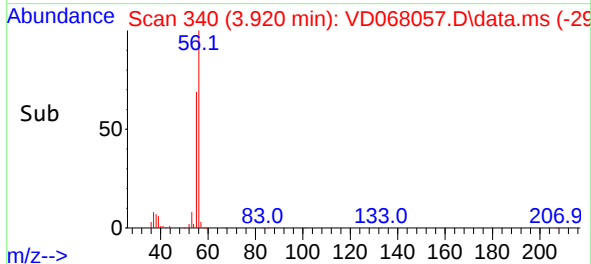
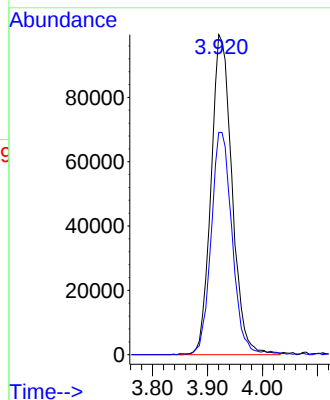
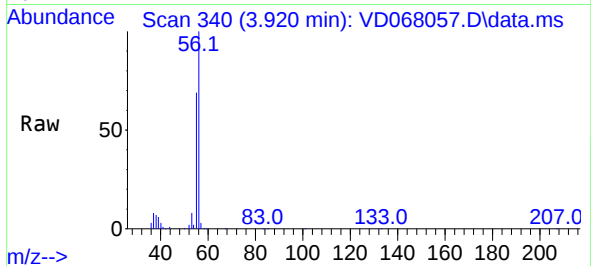
#13  
Acrolein  
Concen: 663.13 ug/l  
RT: 3.920 min Scan# 340  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 56 Resp: 263147  
Ion Ratio Lower Upper  
56 100  
55 69.2 56.5 84.7

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

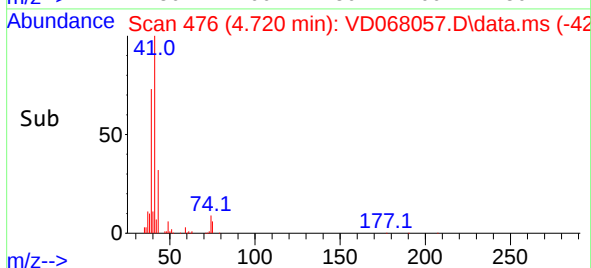
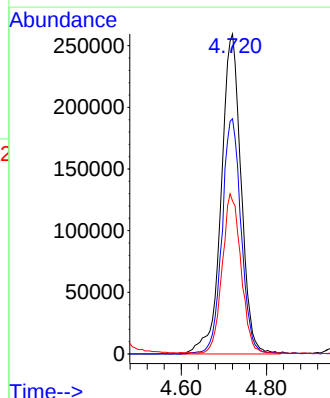
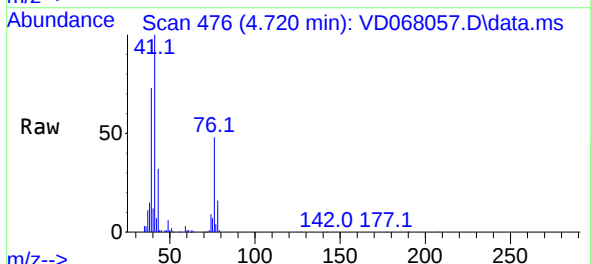
Manual Integrations  
APPROVED

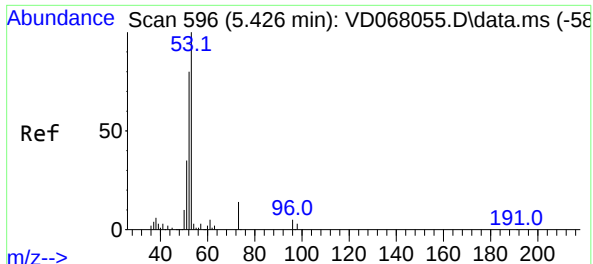
MMDadoda  
1/13/2021 4:37:59 PM



#14  
Allyl chloride  
Concen: 88.60 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

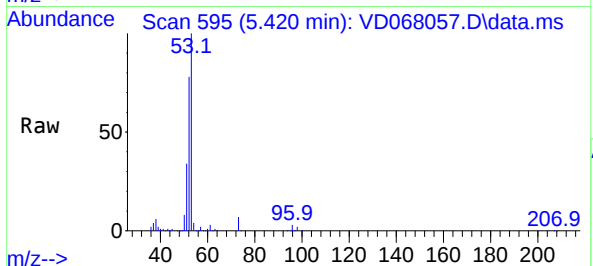
Tgt Ion: 41 Resp: 839345  
Ion Ratio Lower Upper  
41 100  
39 70.9 56.3 84.5  
76 46.8 38.9 58.3





#15  
Acrylonitrile  
Concen: 482.56 ug/l  
RT: 5.420 min Scan# 595  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

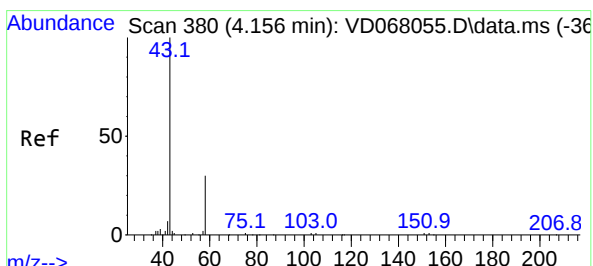
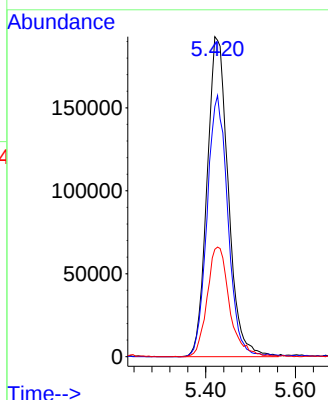
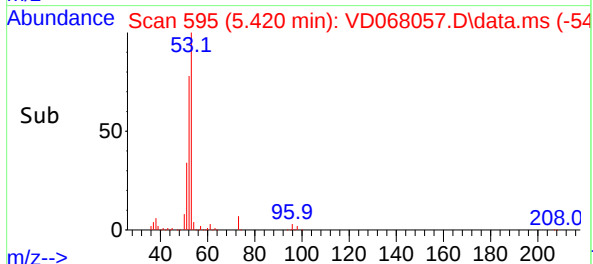
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



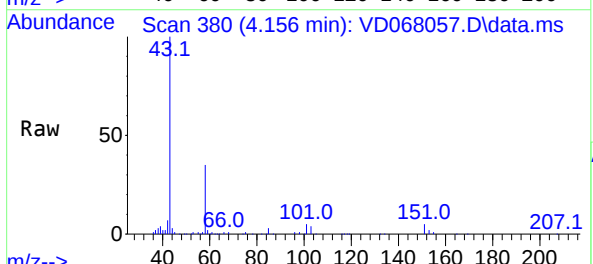
Tgt Ion: 53 Resp: 632233  
Ion Ratio Lower Upper  
53 100  
52 79.9 66.2 99.2  
51 36.2 29.0 43.4

Manual Integrations  
APPROVED

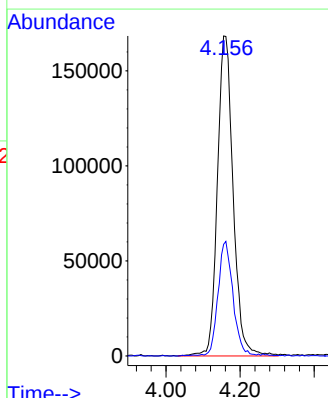
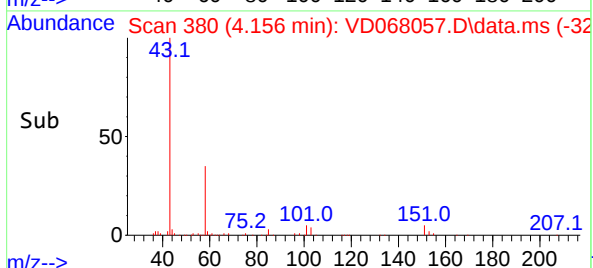
MMDadoda  
1/13/2021 4:37:59 PM

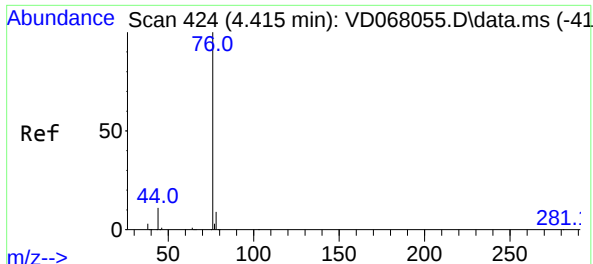


#16  
Acetone  
Concen: 474.10 ug/l  
RT: 4.156 min Scan# 380  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



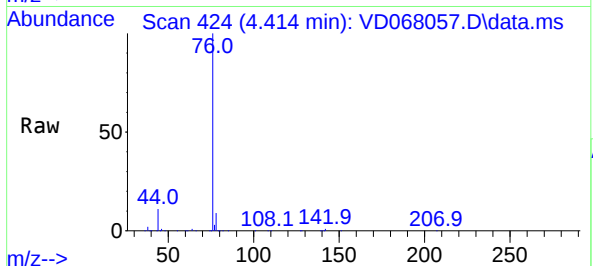
Tgt Ion: 43 Resp: 496198  
Ion Ratio Lower Upper  
43 100  
58 34.9 24.2 36.4



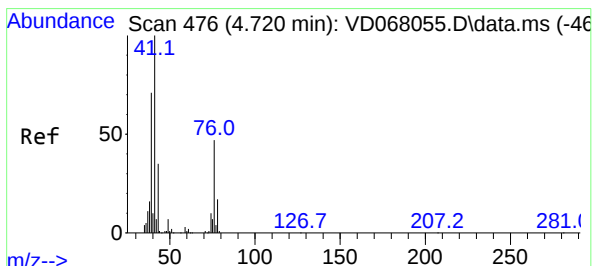
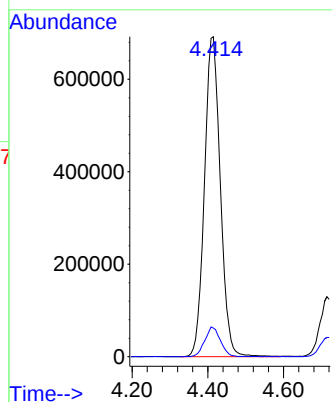
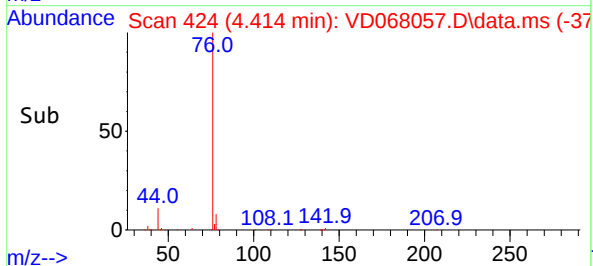


#17  
Carbon Disulfide  
Concen: 105.43 ug/l  
RT: 4.414 min Scan# 424  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

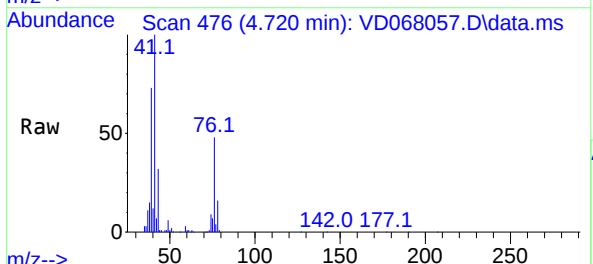
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



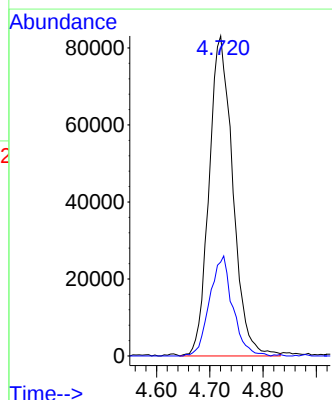
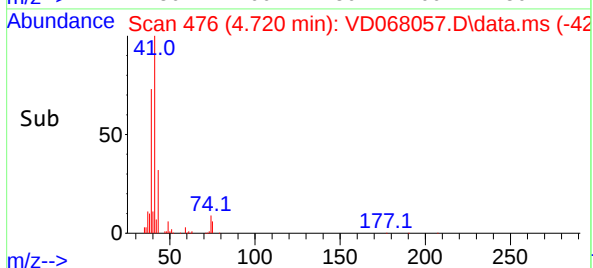
Tgt Ion: 76 Resp: 2009424  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.3 10.9

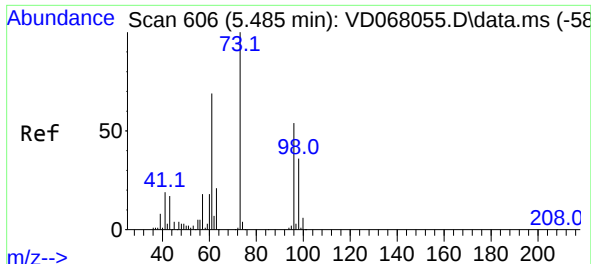


#18  
Methyl Acetate  
Concen: 85.55 ug/l  
RT: 4.720 min Scan# 476  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



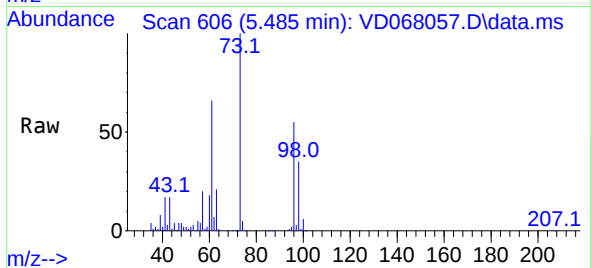
Tgt Ion: 43 Resp: 257592  
Ion Ratio Lower Upper  
43 100  
74 30.2 25.4 38.0



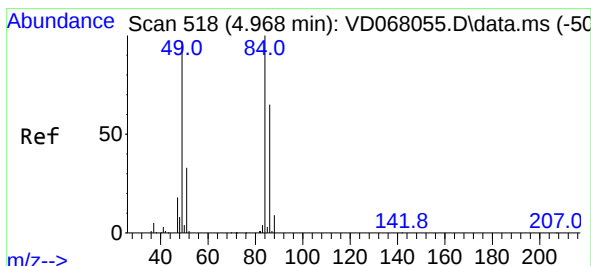
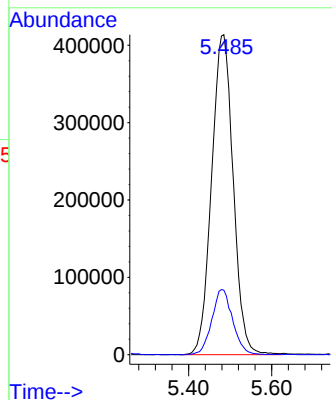
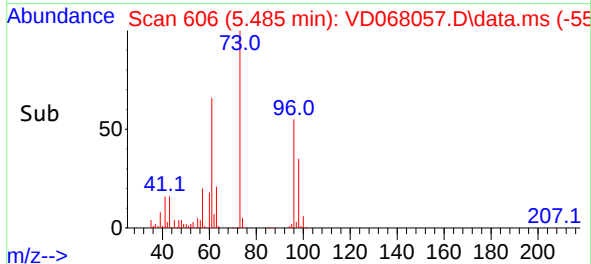


#19  
Methyl tert-butyl Ether  
Concen: 127.41 ug/l  
RT: 5.485 min Scan# 606  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

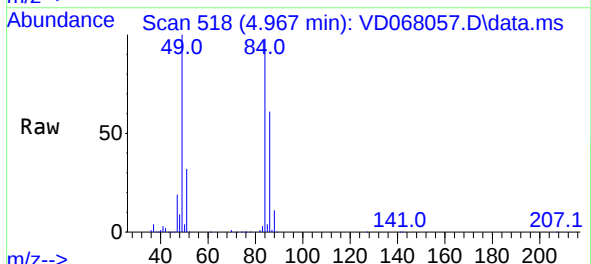
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



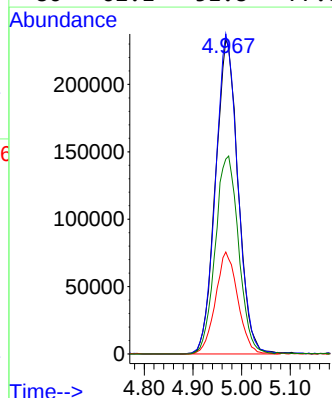
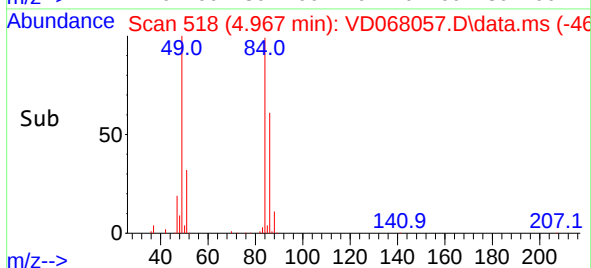
Tgt Ion: 73 Resp: 1489892  
Ion Ratio Lower Upper  
73 100  
57 20.2 14.4 21.6

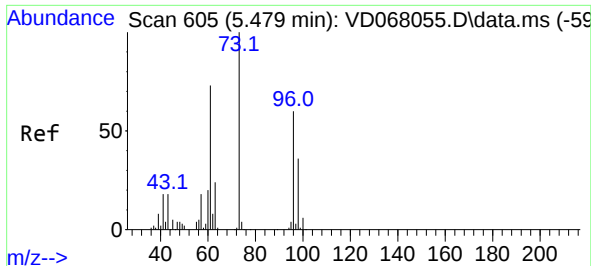


#20  
Methylene Chloride  
Concen: 86.76 ug/l  
RT: 4.967 min Scan# 518  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

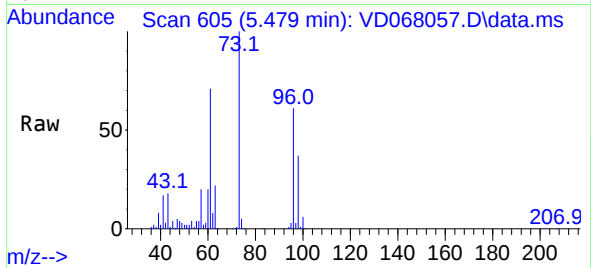


Tgt Ion: 84 Resp: 752914  
Ion Ratio Lower Upper  
84 100  
49 101.9 77.4 116.2  
51 32.4 26.1 39.1  
86 62.1 51.8 77.8

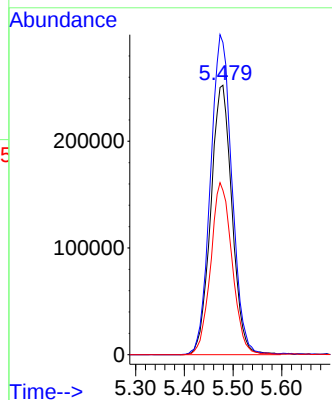




#21  
trans-1,2-Dichloroethene  
Concen: 115.57 ug/l  
RT: 5.479 min Scan# 605  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



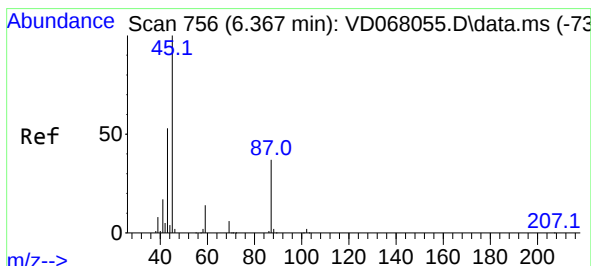
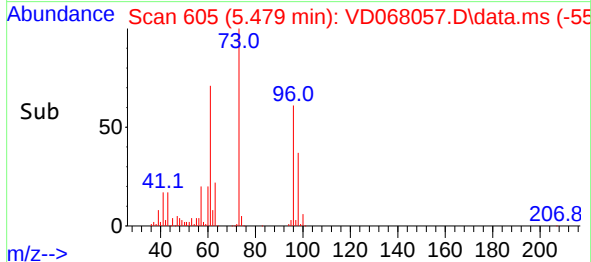
Tgt Ion: 96 Resp: 765999  
Ion Ratio Lower Upper  
96 100  
61 115.8 96.7 145.1  
98 61.0 47.6 71.4



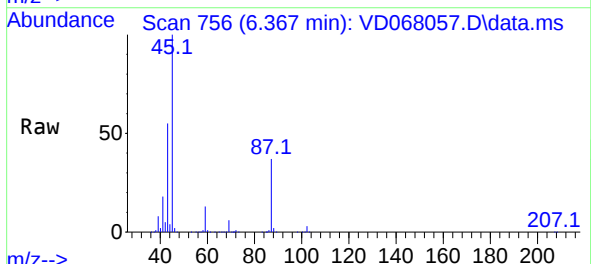
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Manual Integrations  
APPROVED

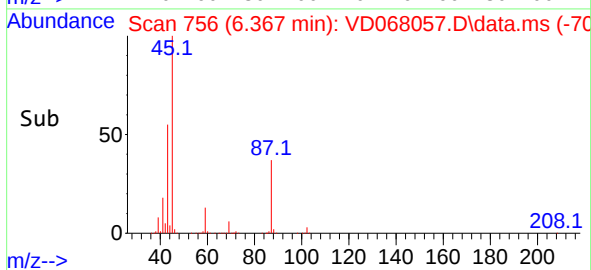
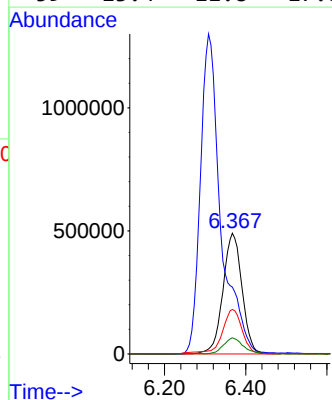
MMDadoda  
1/13/2021 4:37:59 PM

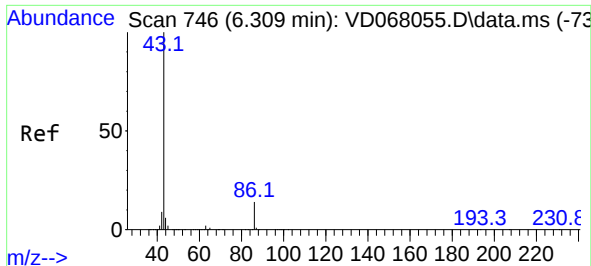


#22  
Diisopropyl ether  
Concen: 84.37 ug/l  
RT: 6.367 min Scan# 756  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



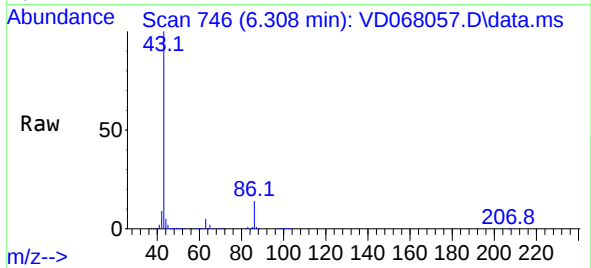
Tgt Ion: 45 Resp: 1607709  
Ion Ratio Lower Upper  
45 100  
43 55.2 43.9 65.9  
87 36.6 29.9 44.9  
59 13.4 11.8 17.8





#23  
 Vinyl Acetate  
 Concen: 468.46 ug/l  
 RT: 6.308 min Scan# 746  
 Delta R.T. -0.000 min  
 Lab File: VD068057.D  
 Acq: 12 Jan 2021 14:57

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150

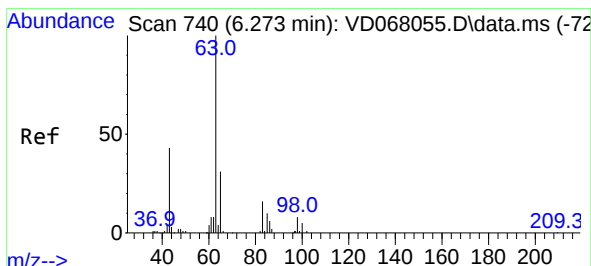
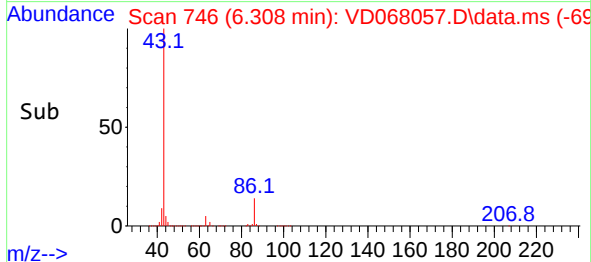
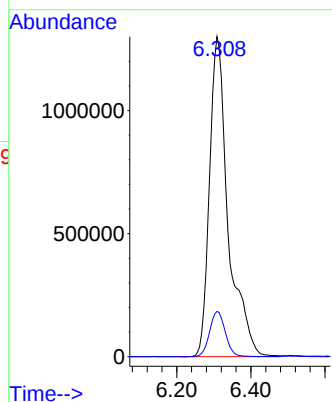


Tgt Ion: 43 Resp: 4549486  

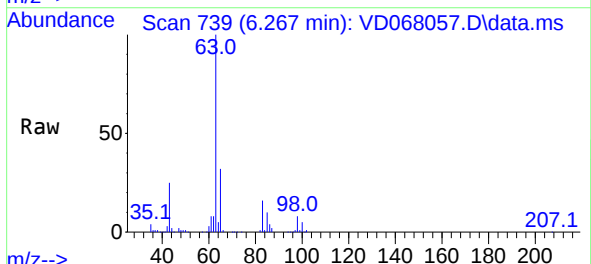
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 14.2  | 10.8  | 16.2  |

Manual Integrations  
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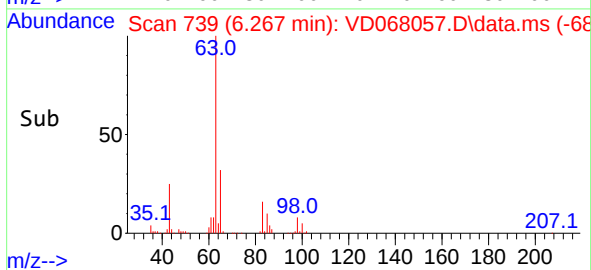
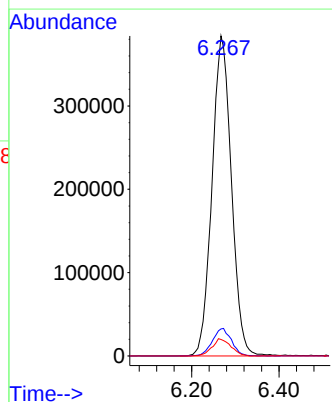


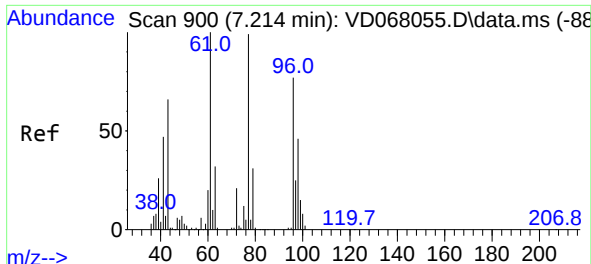
#24  
 1,1-Dichloroethane  
 Concen: 99.72 ug/l  
 RT: 6.267 min Scan# 739  
 Delta R.T. -0.006 min  
 Lab File: VD068057.D  
 Acq: 12 Jan 2021 14:57



Tgt Ion: 63 Resp: 1181680  

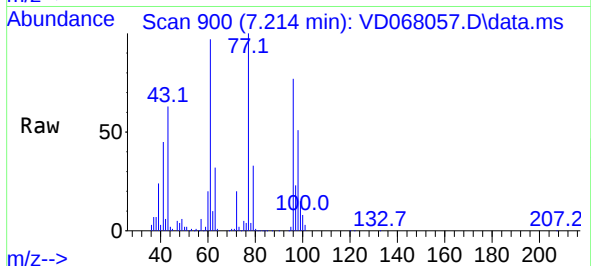
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 8.5   | 3.8   | 11.4  |
| 100 | 5.1   | 2.6   | 8.0   |





#25  
2-Butanone  
Concen: 443.44 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

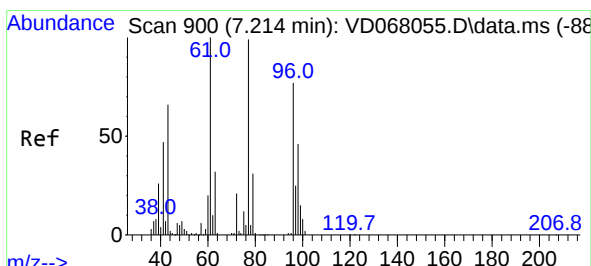
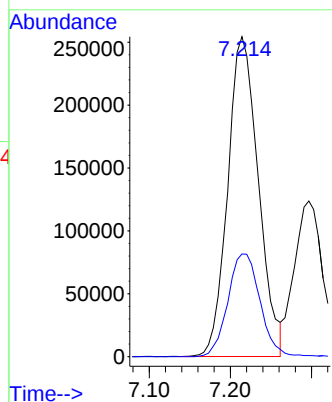
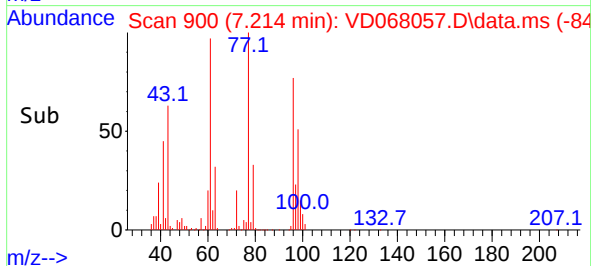
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



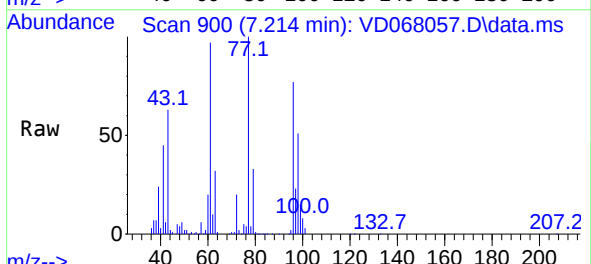
Tgt Ion: 43 Resp: 666713  
Ion Ratio Lower Upper  
43 100  
72 32.1 25.1 37.7

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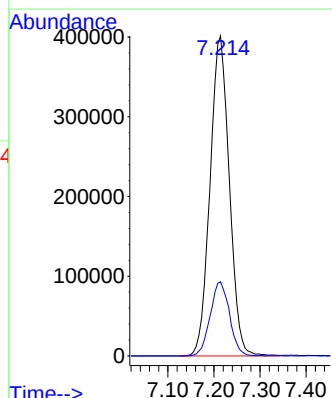
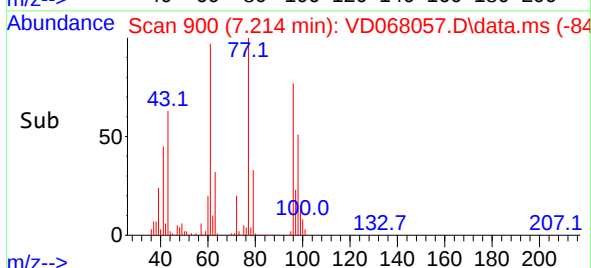
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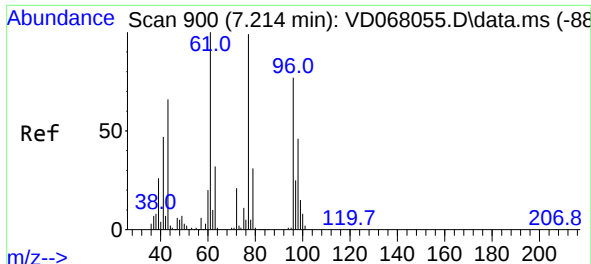


#26  
2,2-Dichloropropane  
Concen: 121.03 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



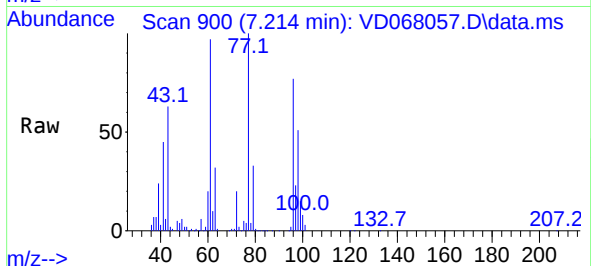
Tgt Ion: 77 Resp: 1167164  
Ion Ratio Lower Upper  
77 100  
97 23.2 11.7 35.1





#27  
cis-1,2-Dichloroethene  
Concen: 117.99 ug/l  
RT: 7.214 min Scan# 900  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

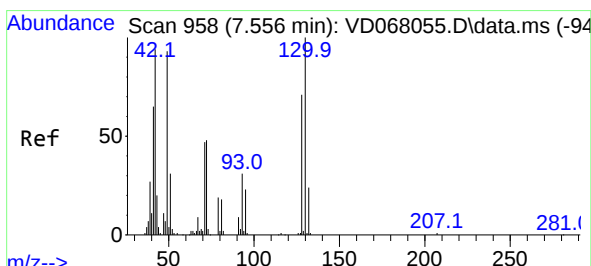
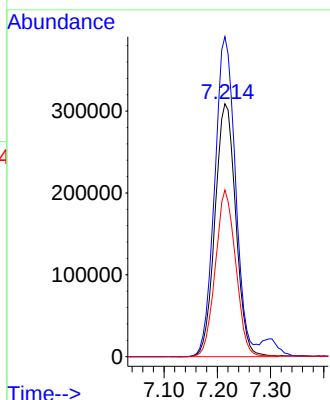
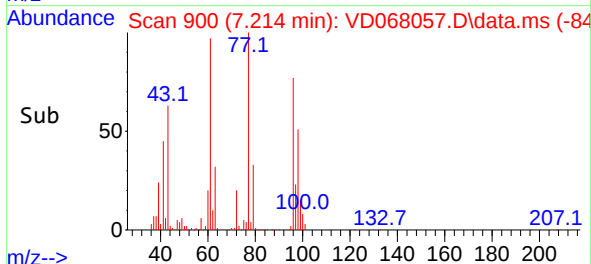
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



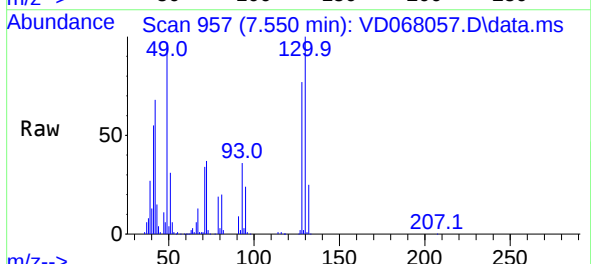
Tgt Ion: 96 Resp: 839238  
Ion Ratio Lower Upper  
96 100  
61 126.9 0.0 257.4  
98 64.5 0.0 126.6

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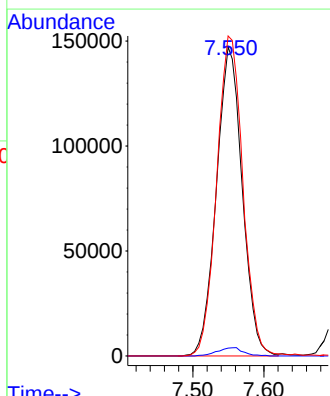
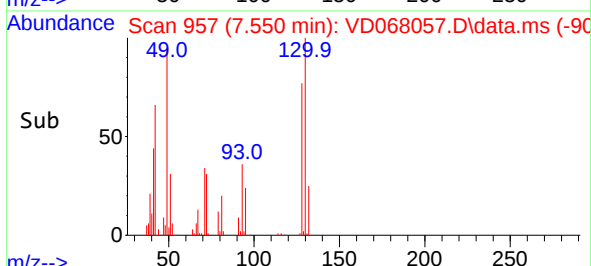
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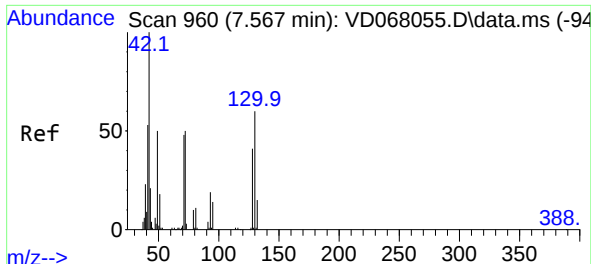


#28  
Bromochloromethane  
Concen: 85.72 ug/l  
RT: 7.550 min Scan# 957  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 49 Resp: 371729  
Ion Ratio Lower Upper  
49 100  
129 2.7 0.0 4.8  
130 104.7 85.5 128.3





#29  
Tetrahydrofuran  
Concen: 419.07 ug/l  
RT: 7.567 min Scan# 960  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

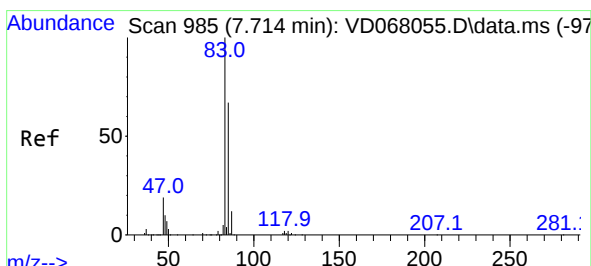
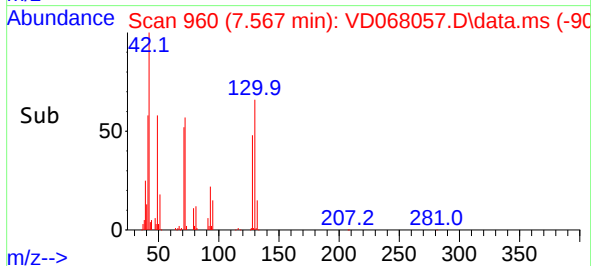
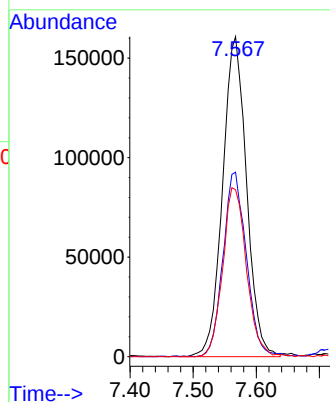
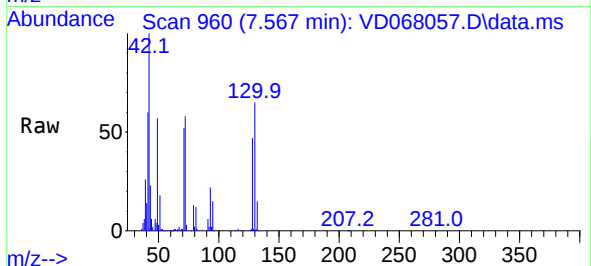
Tgt Ion: 42 Resp: 423201

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 56.4  | 43.4  | 65.0  |
| 71  | 52.5  | 40.8  | 61.2  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

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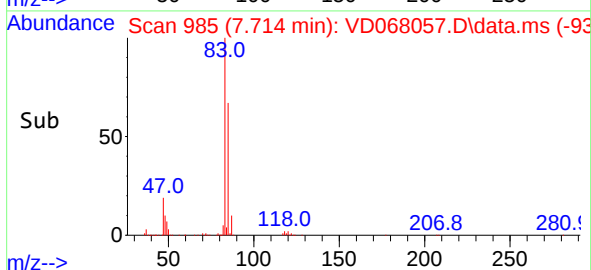
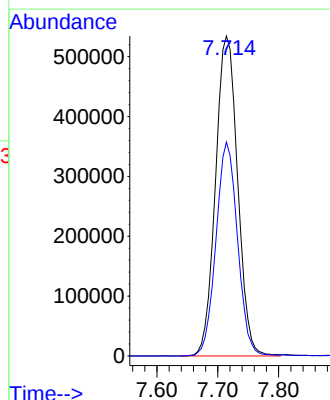
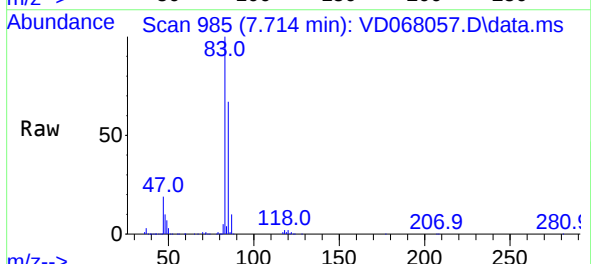
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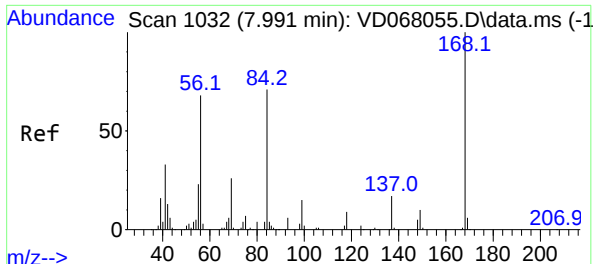


#30  
Chloroform  
Concen: 114.55 ug/l  
RT: 7.714 min Scan# 985  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 83 Resp: 1350028

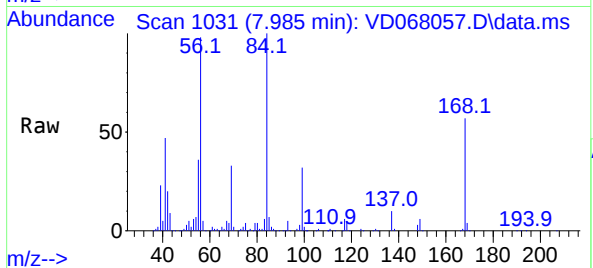
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 66.9  | 53.4  | 80.0  |





#31  
Cyclohexane  
Concen: 90.98 ug/l  
RT: 7.985 min Scan# 1031  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

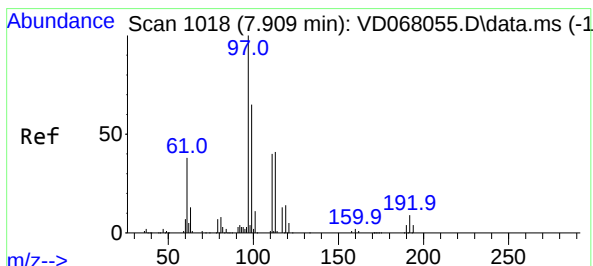
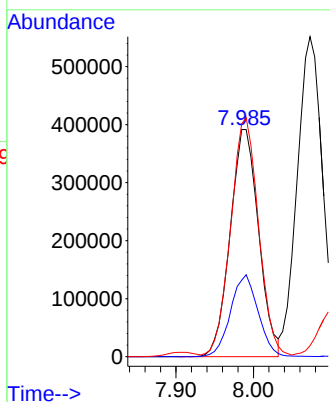
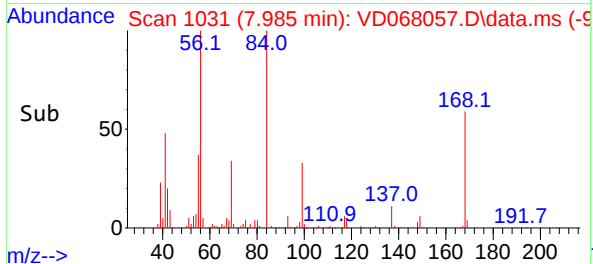


Tgt Ion: 56 Resp: 1002658

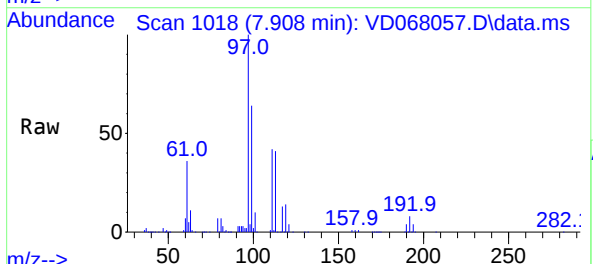
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 33.7  | 30.1  | 45.1  |
| 84  | 100.6 | 82.1  | 123.1 |

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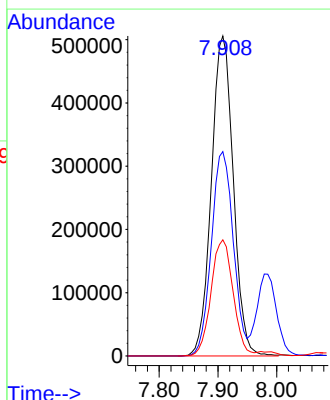
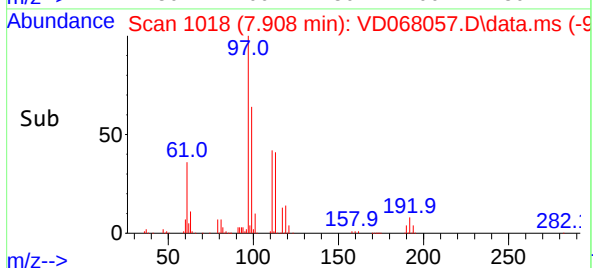


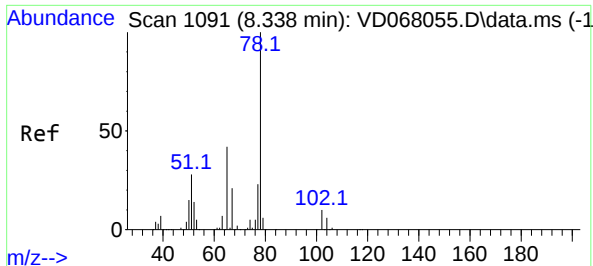
#32  
1,1,1-Trichloroethane  
Concen: 126.93 ug/l  
RT: 7.908 min Scan# 1018  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 97 Resp: 1310244

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.2  | 52.1  | 78.1  |
| 61  | 36.6  | 30.1  | 45.1  |





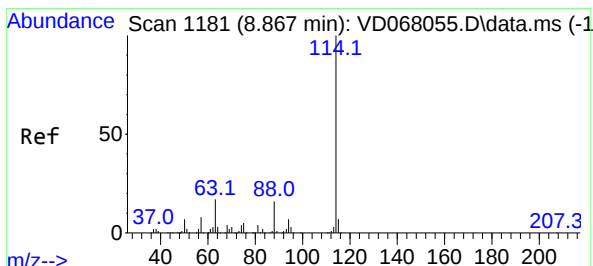
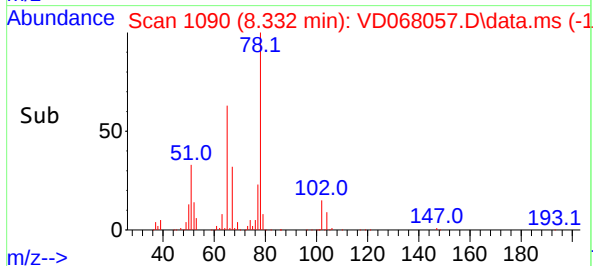
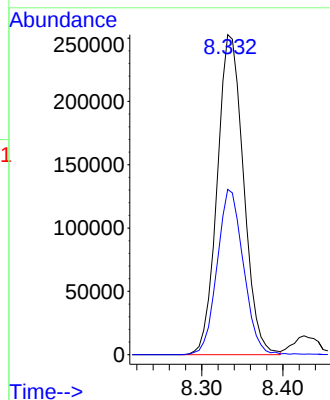
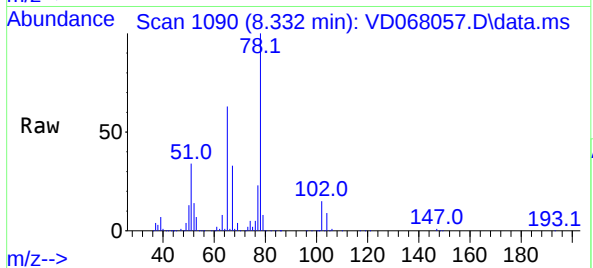
#33  
1,2-Dichloroethane-d4  
Concen: 103.39 ug/l  
RT: 8.332 min Scan# 1090  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 65 Resp: 570315  
Ion Ratio Lower Upper  
65 100  
67 51.6 0.0 105.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

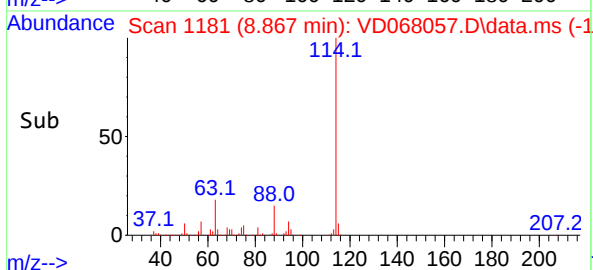
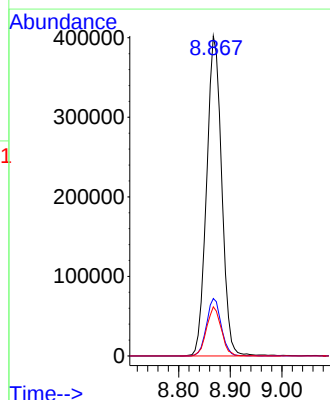
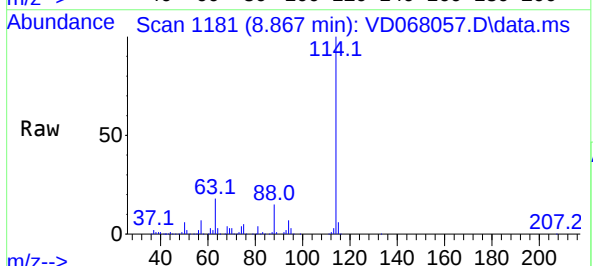
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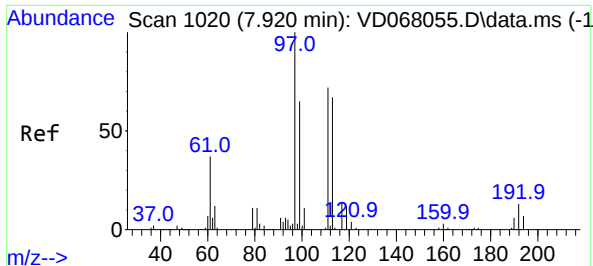
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#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.867 min Scan# 1181  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 114 Resp: 816338  
Ion Ratio Lower Upper  
114 100  
63 17.9 0.0 34.8  
88 15.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 123.32 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068057.D

Acq: 12 Jan 2021 14:57

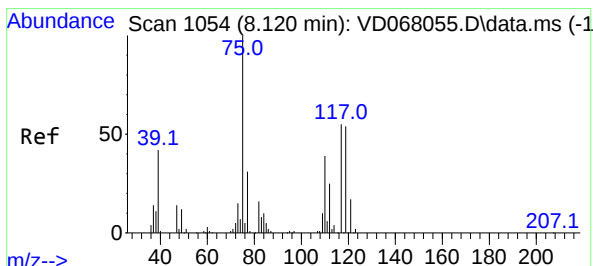
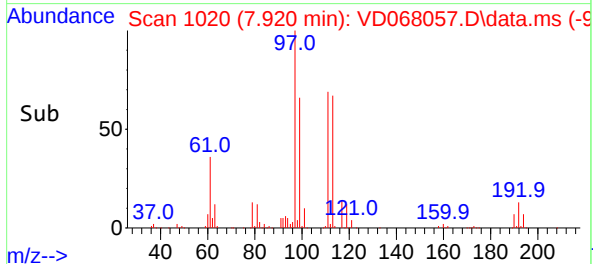
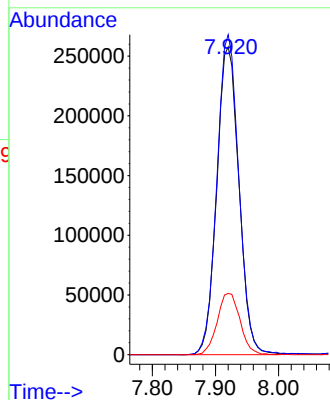
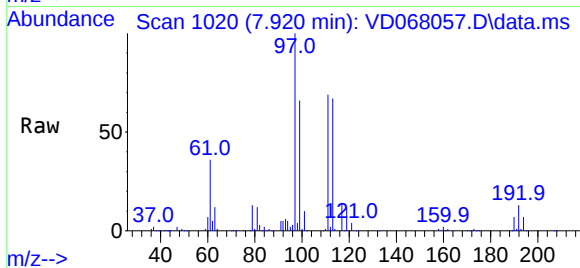
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 628682 |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 111      | 103.3 | 81.4  | 122.0  |
| 192      | 20.5  | 16.1  | 24.1   |

Instrument :

MSVOA\_D

ClientSampleId :

VSTDIC150

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#36

1,1-Dichloropropene

Concen: 118.67 ug/l

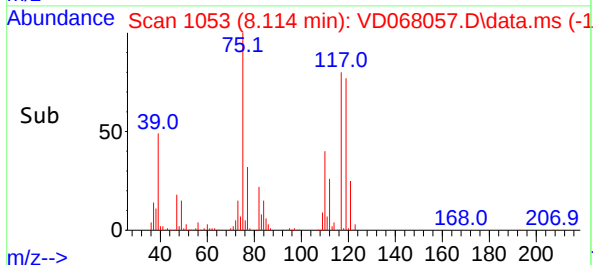
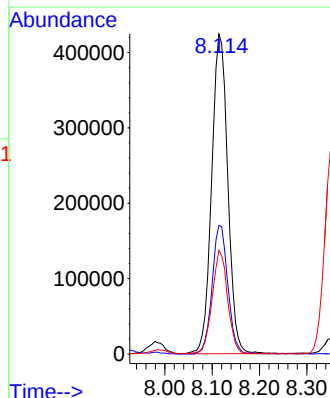
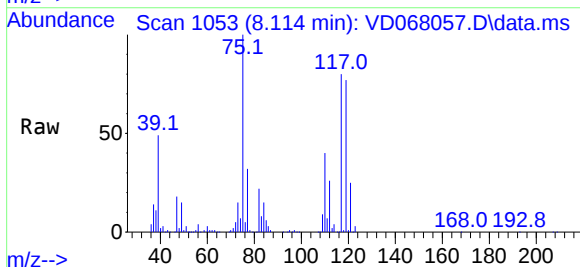
RT: 8.114 min Scan# 1053

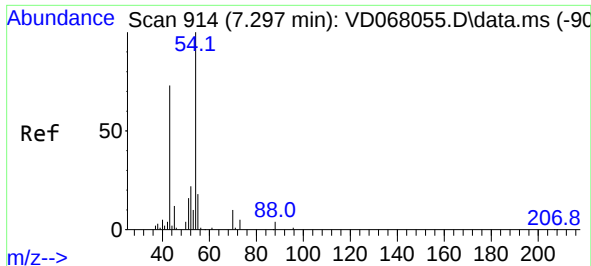
Delta R.T. -0.006 min

Lab File: VD068057.D

Acq: 12 Jan 2021 14:57

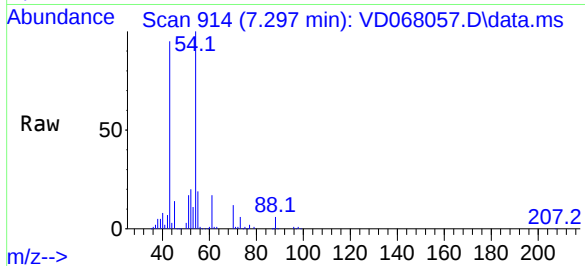
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 75    | Resp: | 1005449 |
| Ion      | Ratio | Lower | Upper   |
| 75       | 100   |       |         |
| 110      | 39.2  | 19.4  | 58.2    |
| 77       | 31.1  | 25.3  | 37.9    |





#37  
Ethyl Acetate  
Concen: 93.79 ug/l  
RT: 7.297 min Scan# 914  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

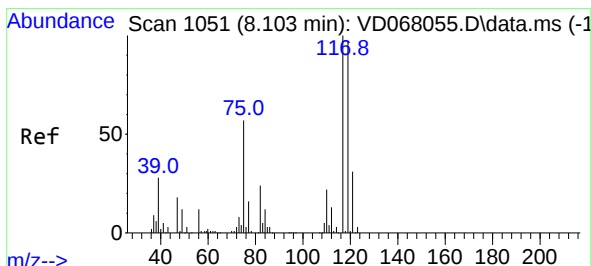
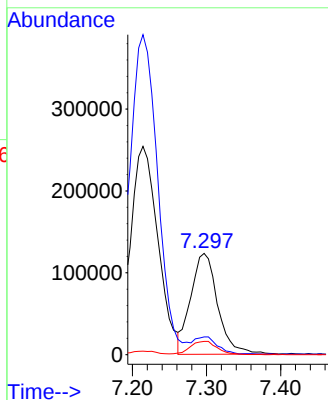
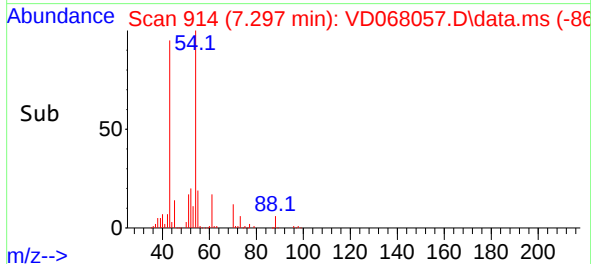
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



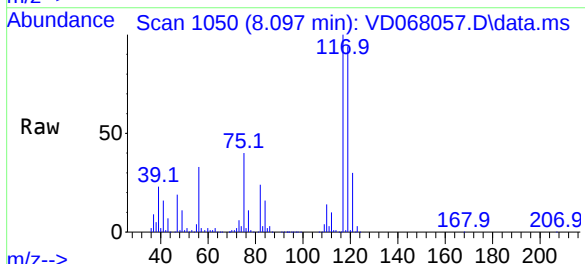
Tgt Ion: 43 Resp: 311301  
Ion Ratio Lower Upper  
43 100  
61 14.7 12.9 19.3  
70 13.4 11.0 16.6

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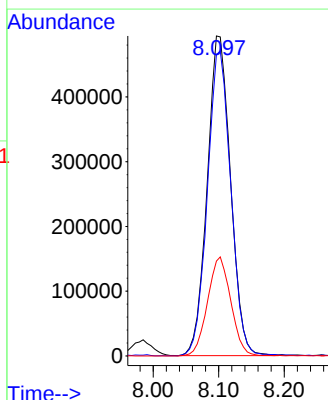
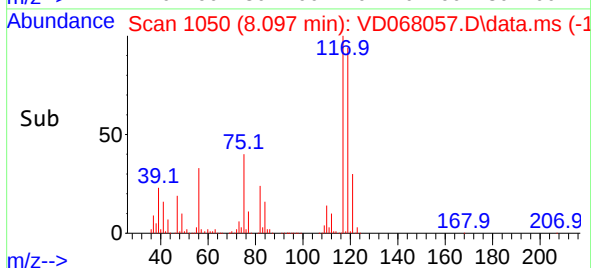
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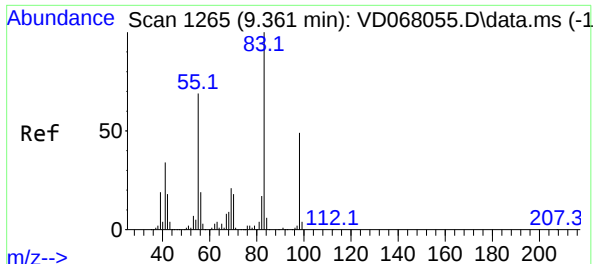


#38  
Carbon Tetrachloride  
Concen: 144.52 ug/l  
RT: 8.097 min Scan# 1050  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



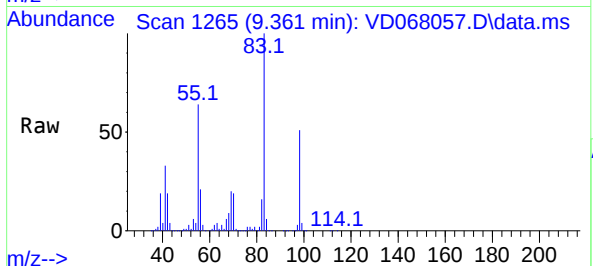
Tgt Ion: 117 Resp: 1221262  
Ion Ratio Lower Upper  
117 100  
119 94.2 77.3 115.9  
121 29.7 24.7 37.1





#39  
Methylcyclohexane  
Concen: 130.58 ug/l  
RT: 9.361 min Scan# 1265  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

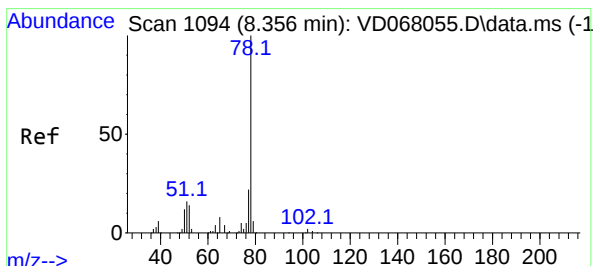
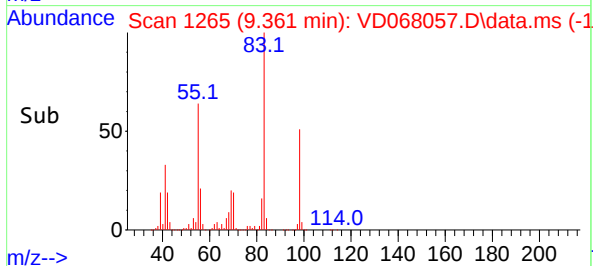
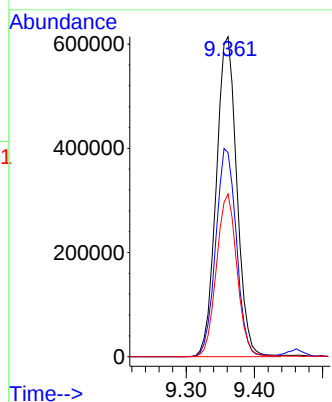


Tgt Ion: 83 Resp: 1291945

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 55  | 63.8  | 55.2  | 82.8  |
| 98  | 50.9  | 39.1  | 58.7  |

Manual Integrations  
APPROVED

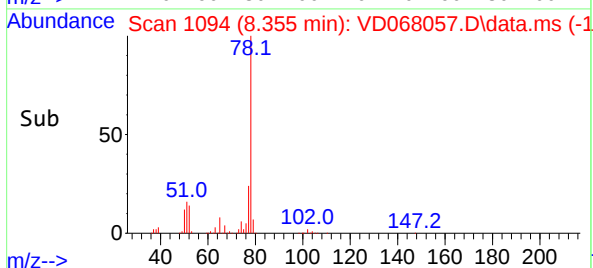
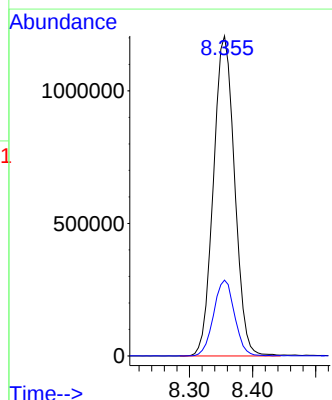
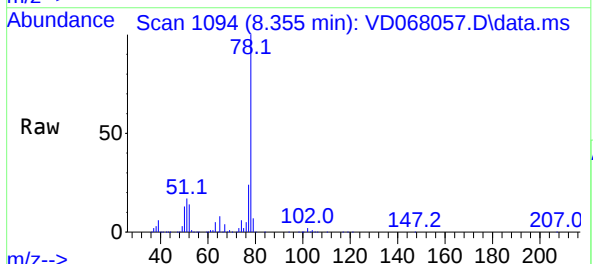
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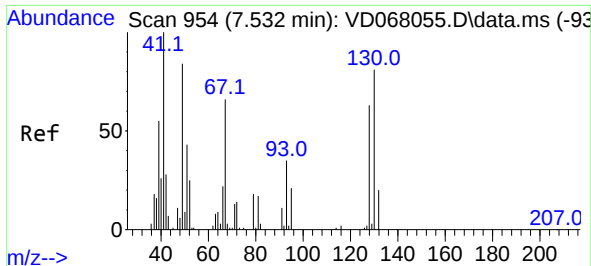


#40  
Benzene  
Concen: 114.72 ug/l  
RT: 8.355 min Scan# 1094  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 78 Resp: 2812046

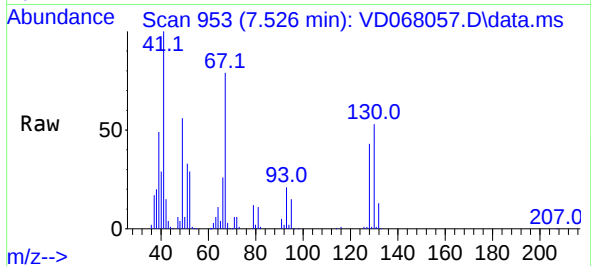
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 78  | 100   |       |       |
| 77  | 23.7  | 17.8  | 26.6  |





#41  
Methacrylonitrile  
Concen: 91.70 ug/l  
RT: 7.526 min Scan# 953  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

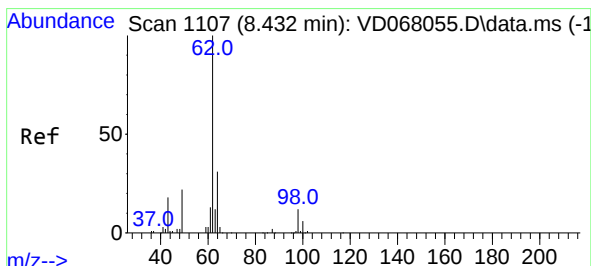
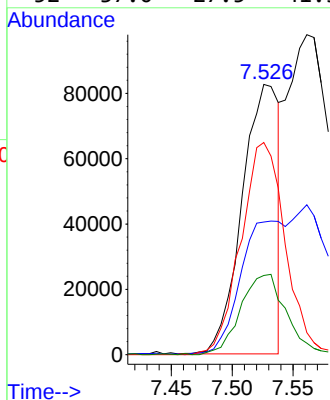
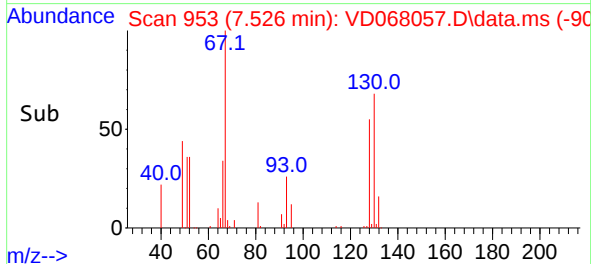


Tgt Ion: 41 Resp: 173187

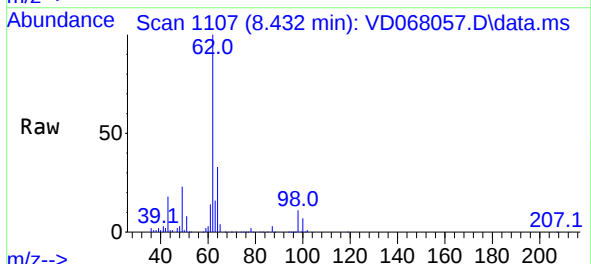
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 39  | 60.9  | 45.2  | 67.8  |
| 67  | 95.4  | 67.4  | 101.2 |
| 52  | 37.0  | 27.5  | 41.3  |

Manual Integrations  
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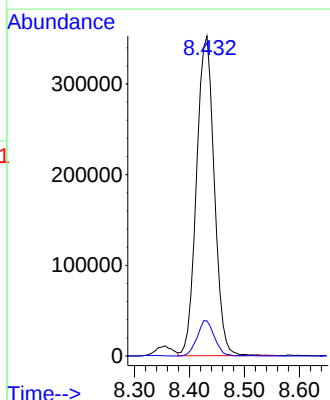
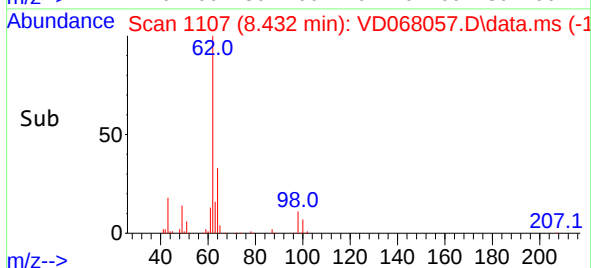


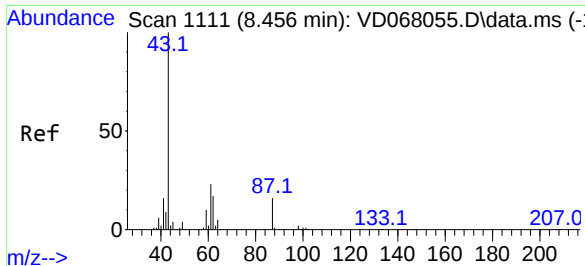
#42  
1,2-Dichloroethane  
Concen: 118.05 ug/l  
RT: 8.432 min Scan# 1107  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 62 Resp: 790686

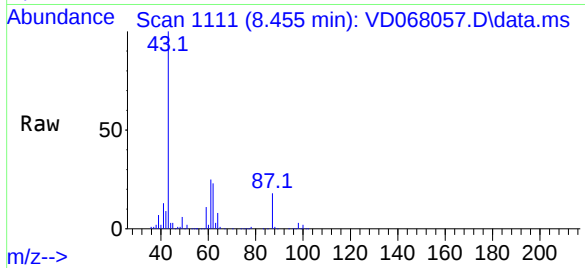
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 62  | 100   |       |       |
| 98  | 10.8  | 0.0   | 21.8  |





#43  
Isopropyl Acetate  
Concen: 102.44 ug/l  
RT: 8.455 min Scan# 1111  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

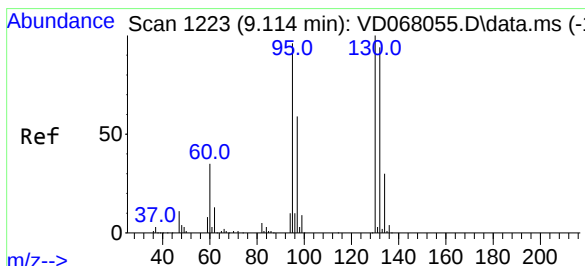
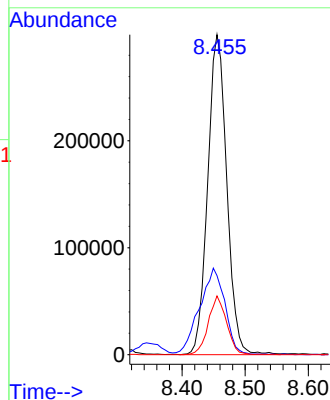
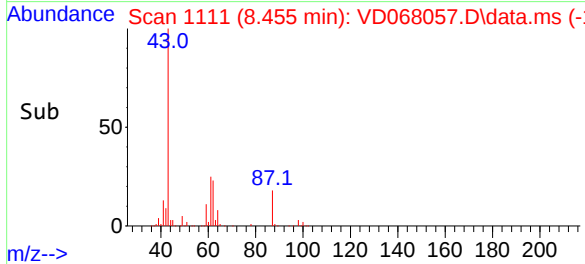
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



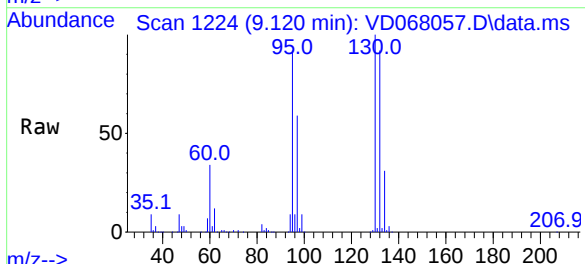
Tgt Ion: 43 Resp: 628241  
Ion Ratio Lower Upper  
43 100  
61 36.0 28.7 43.1  
87 17.6 13.9 20.9

Manual Integrations  
APPROVED

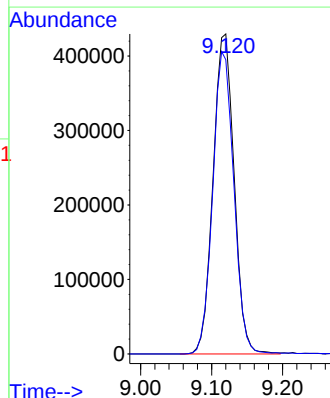
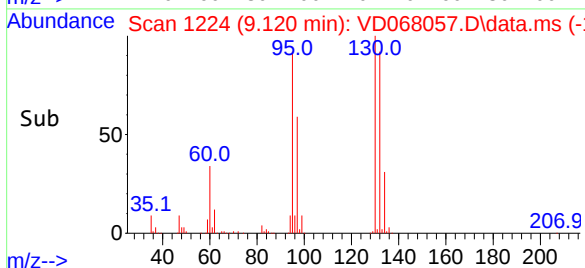
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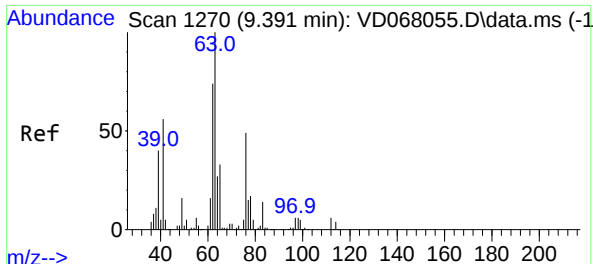


#44  
Trichloroethene  
Concen: 139.20 ug/l  
RT: 9.120 min Scan# 1224  
Delta R.T. 0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 130 Resp: 882706  
Ion Ratio Lower Upper  
130 100  
95 92.0 0.0 191.2





#45

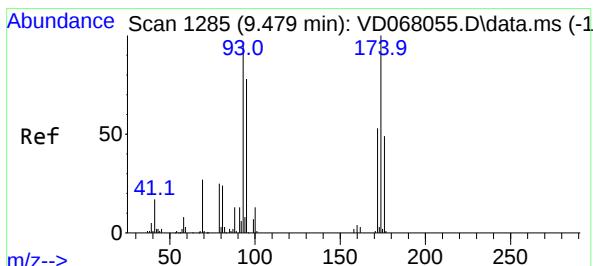
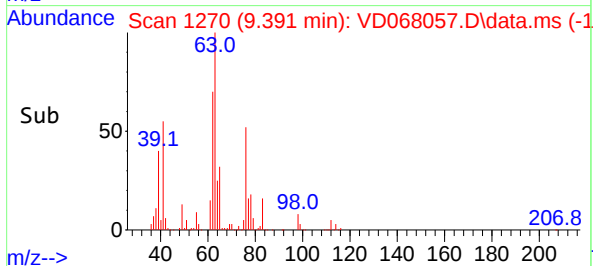
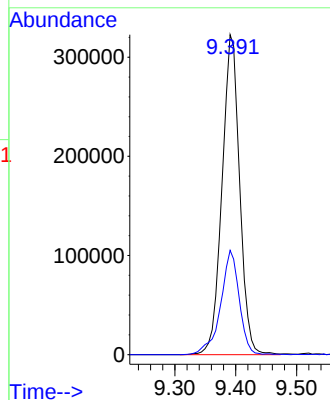
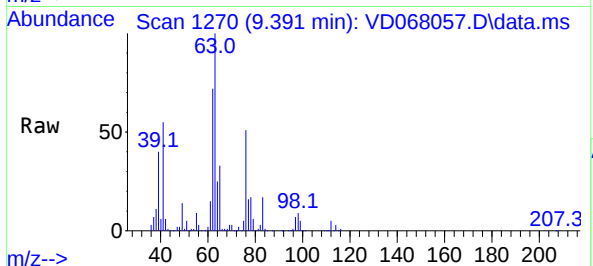
1,2-Dichloropropane  
Concen: 105.17 ug/l  
RT: 9.391 min Scan# 1270  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 63 Resp: 648520  
Ion Ratio Lower Upper  
63 100  
65 32.6 26.6 40.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Manual Integrations  
APPROVED

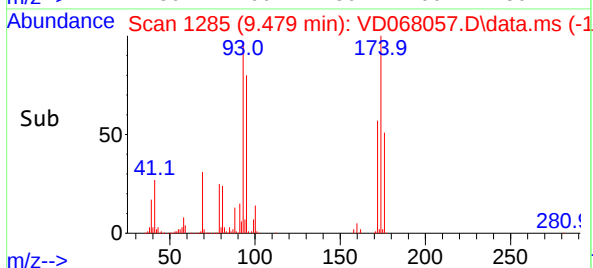
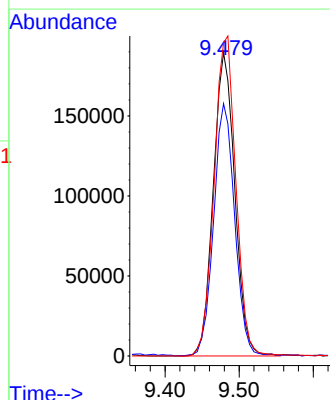
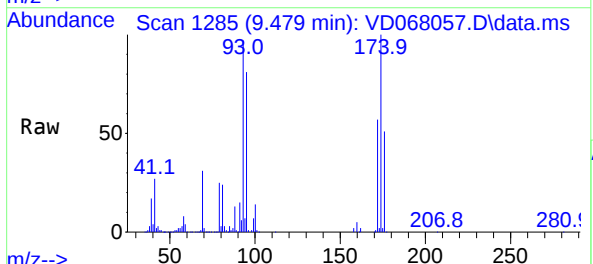
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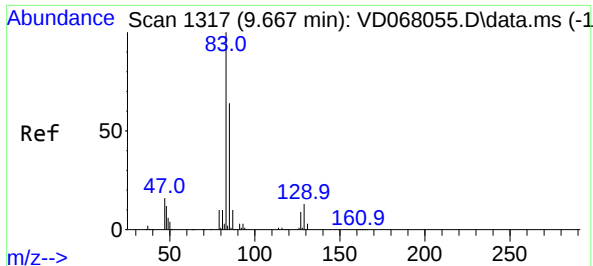


#46

Dibromomethane  
Concen: 123.40 ug/l  
RT: 9.479 min Scan# 1285  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 93 Resp: 381467  
Ion Ratio Lower Upper  
93 100  
95 81.9 67.3 100.9  
174 107.1 84.6 127.0





#47  
Bromodichloromethane  
Concen: 125.86 ug/l  
RT: 9.667 min Scan# 1317  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

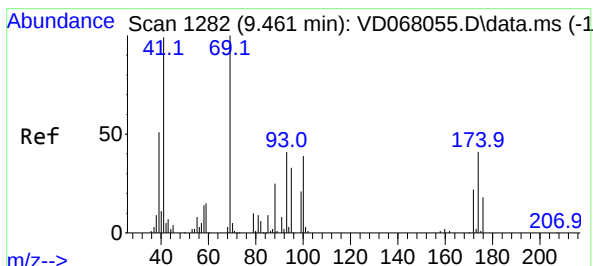
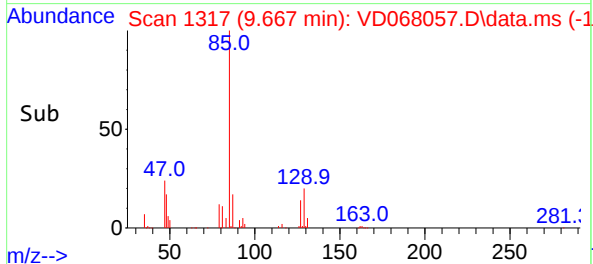
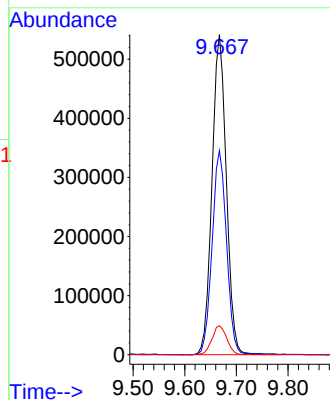
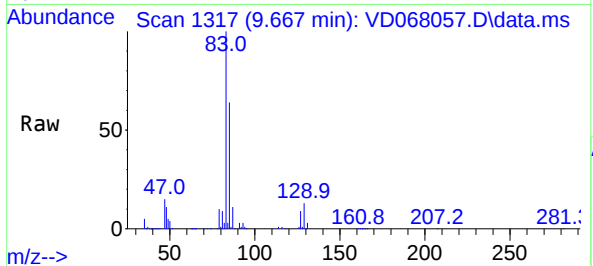
Tgt Ion: 83 Resp: 1042240

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 63.8  | 51.6  | 77.4  |
| 127 | 9.1   | 7.4   | 11.0  |

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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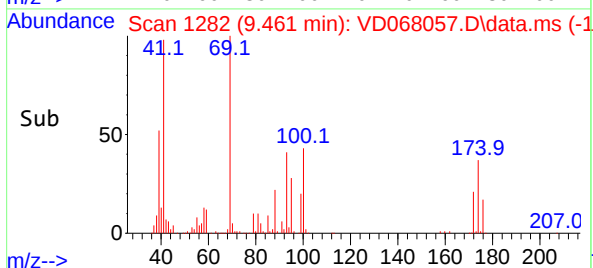
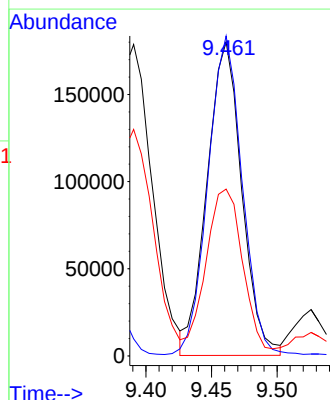
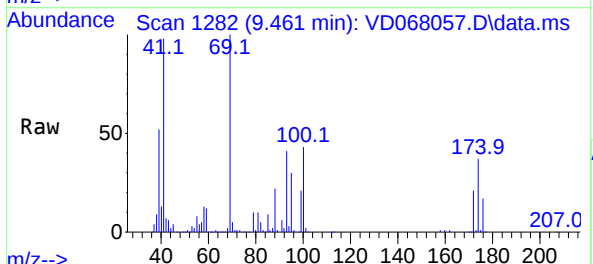
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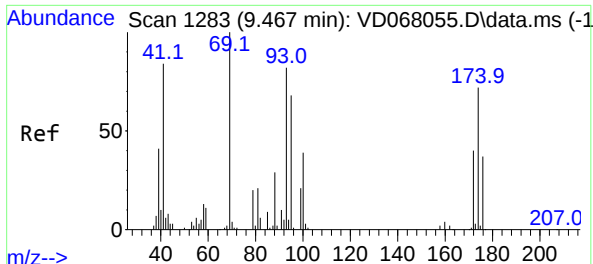


#48  
Methyl methacrylate  
Concen: 104.26 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 41 Resp: 331452

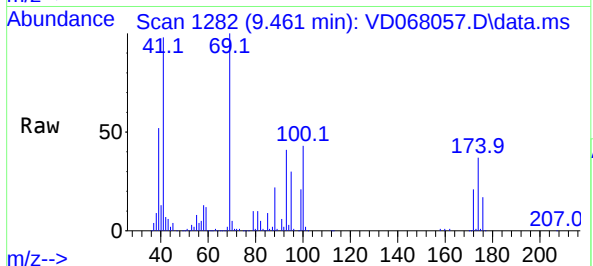
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 41  | 100   |       |       |
| 69  | 101.4 | 77.1  | 115.7 |
| 39  | 51.8  | 41.5  | 62.3  |





#49  
1,4-Dioxane  
Concen: 2622.59 ug/l  
RT: 9.461 min Scan# 1282  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

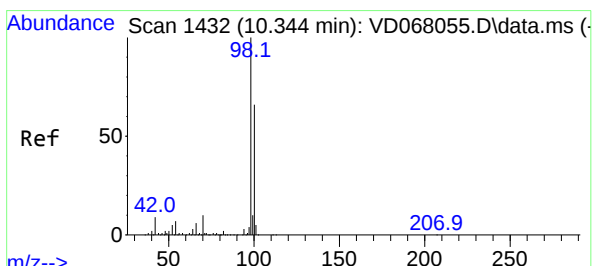
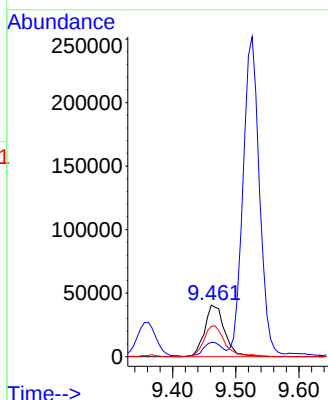
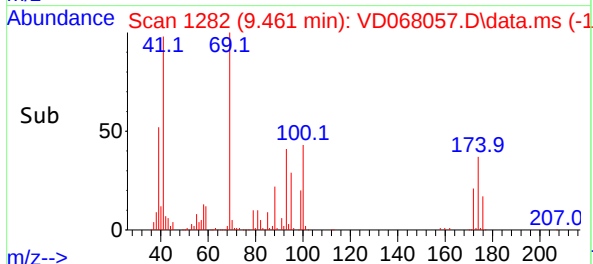
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



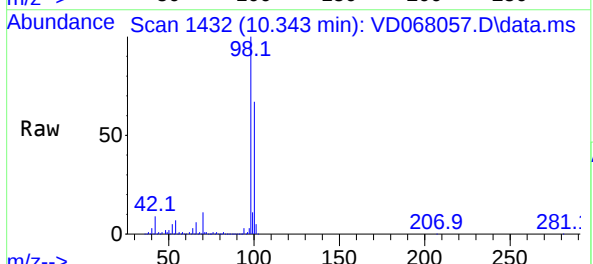
Tgt Ion: 88 Resp: 88919  
Ion Ratio Lower Upper  
88 100  
43 25.1 22.1 33.1  
58 63.6 46.7 70.1

Manual Integrations  
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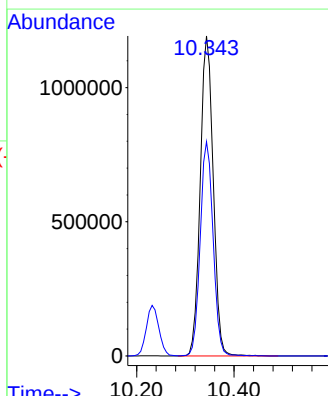
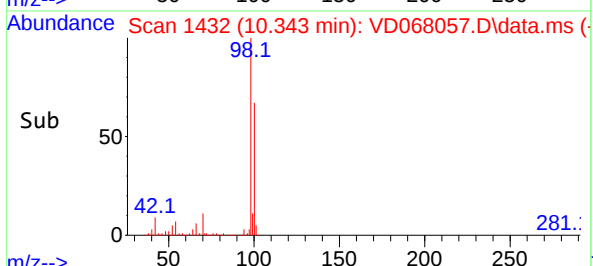
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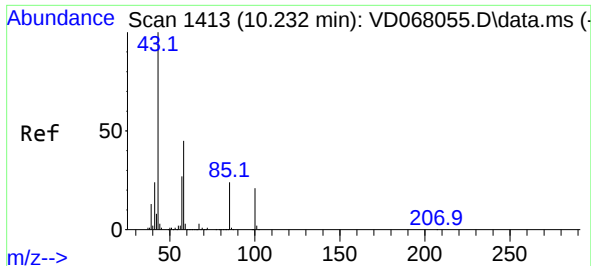


#50  
Toluene-d8  
Concen: 115.63 ug/l  
RT: 10.343 min Scan# 1432  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 98 Resp: 2205579  
Ion Ratio Lower Upper  
98 100  
100 66.8 53.0 79.4





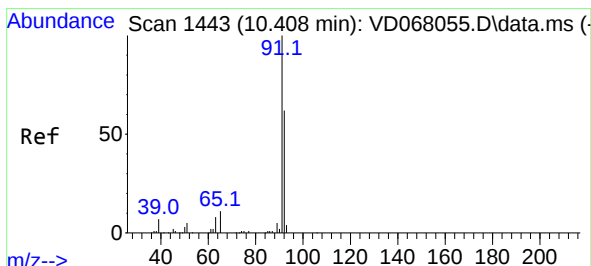
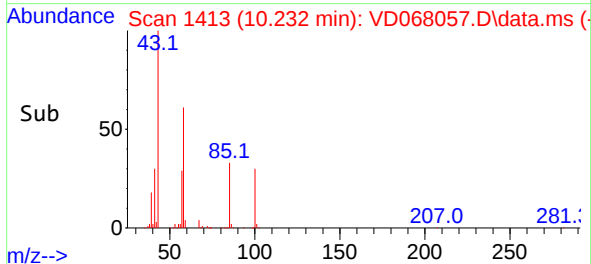
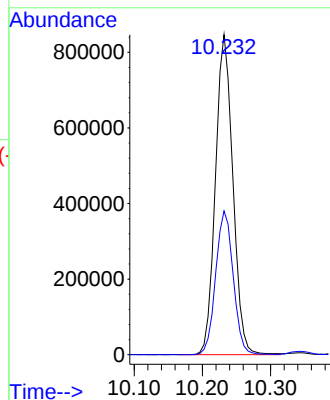
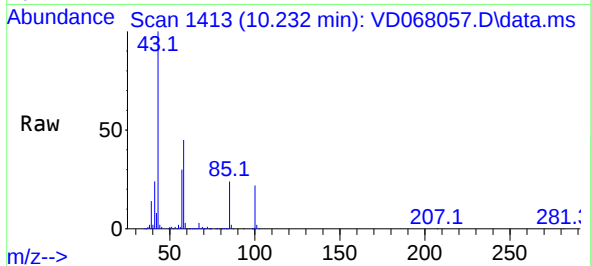
#51  
4-Methyl-2-Pentanone  
Concen: 476.52 ug/l  
RT: 10.232 min Scan# 1413  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 43 Resp: 1508641  
Ion Ratio Lower Upper  
43 100  
58 45.1 36.1 54.1

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

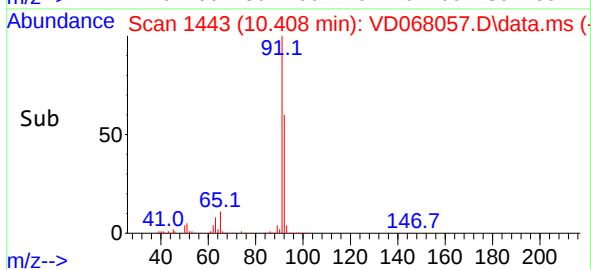
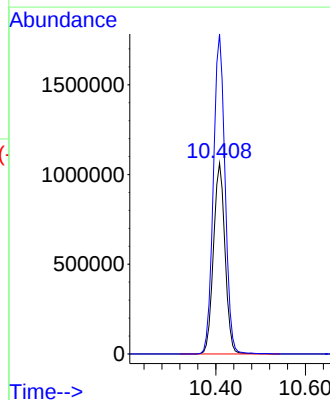
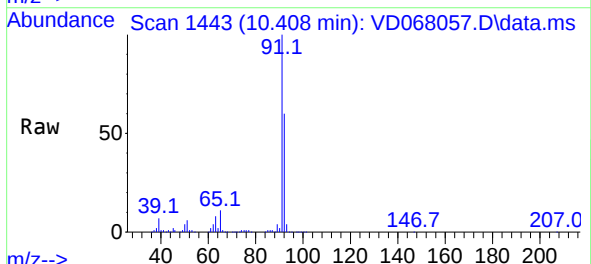
Manual Integrations  
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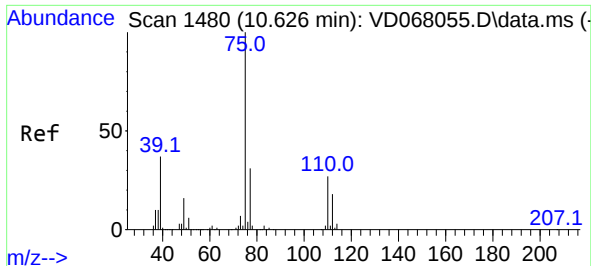
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#52  
Toluene  
Concen: 123.62 ug/l  
RT: 10.408 min Scan# 1443  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

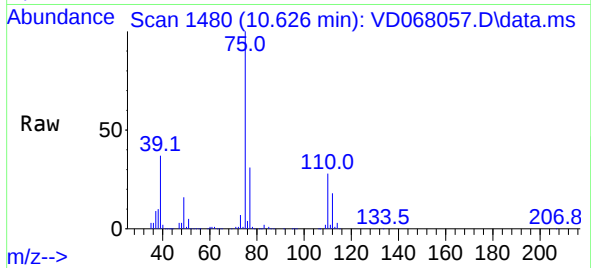
Tgt Ion: 92 Resp: 1894161  
Ion Ratio Lower Upper  
92 100  
91 169.7 134.1 201.1





#53  
 t-1,3-Dichloropropene  
 Concen: 125.73 ug/l  
 RT: 10.626 min Scan# 1480  
 Delta R.T. -0.000 min  
 Lab File: VD068057.D  
 Acq: 12 Jan 2021 14:57

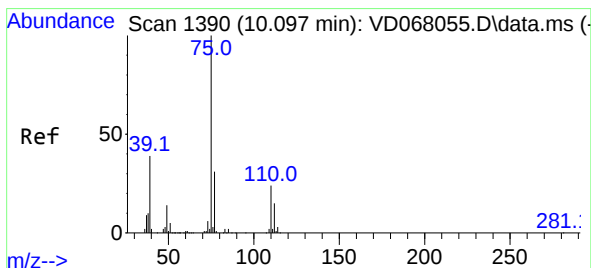
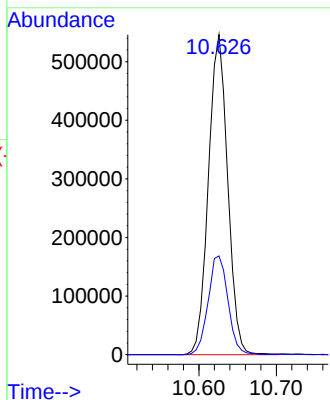
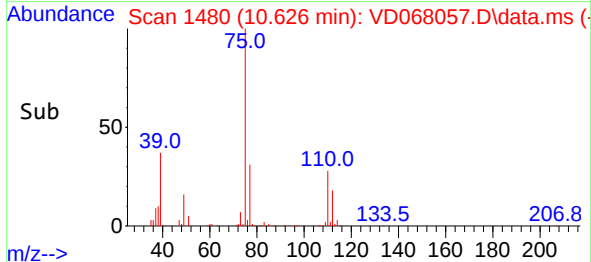
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150



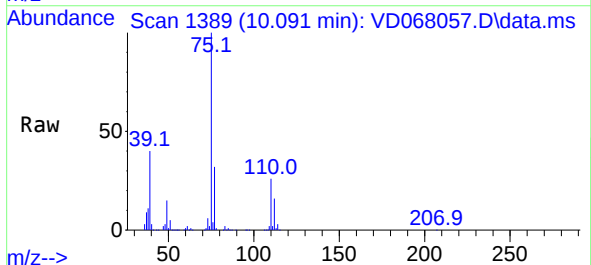
Tgt Ion: 75 Resp: 943813  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.0 37.4

Manual Integrations  
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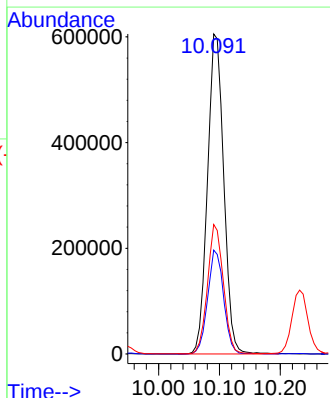
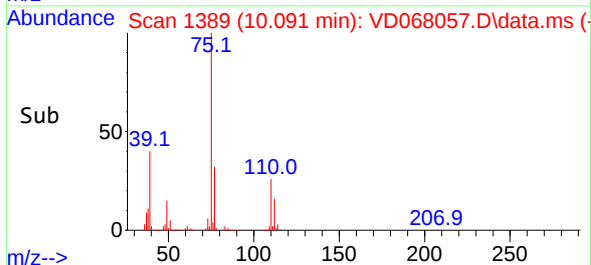
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 1/13/2021 4:37:59 PM

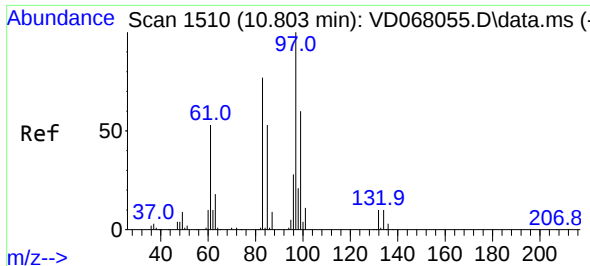


#54  
 cis-1,3-Dichloropropene  
 Concen: 121.91 ug/l  
 RT: 10.091 min Scan# 1389  
 Delta R.T. -0.006 min  
 Lab File: VD068057.D  
 Acq: 12 Jan 2021 14:57



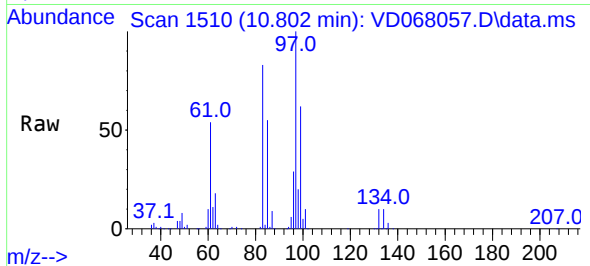
Tgt Ion: 75 Resp: 1124160  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 24.6 37.0  
 39 40.4 31.4 47.0





#55  
1,1,2-Trichloroethane  
Concen: 124.66 ug/l  
RT: 10.802 min Scan# 1510  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

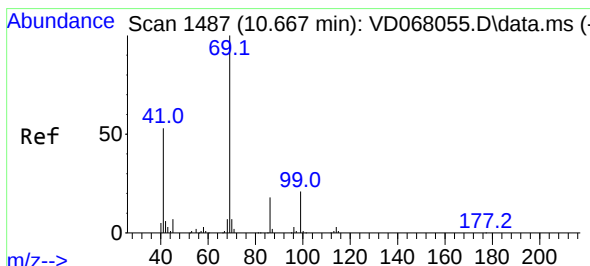
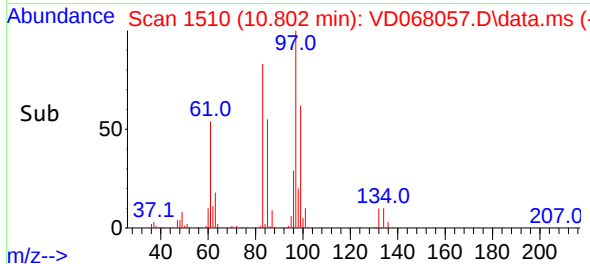
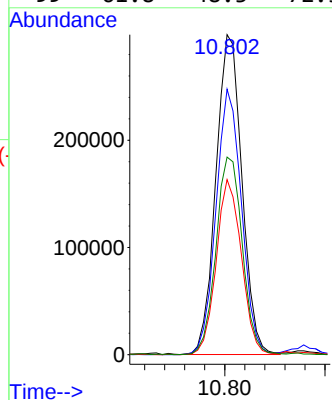
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



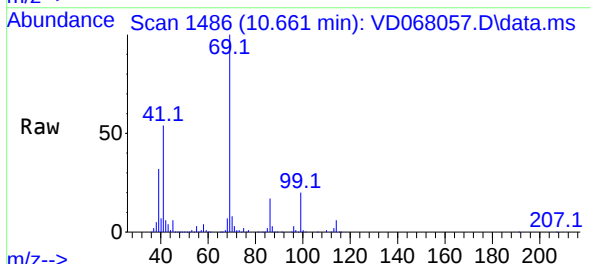
|             |              |
|-------------|--------------|
| Tgt Ion: 97 | Resp: 537736 |
| Ion Ratio   | Lower Upper  |
| 97 100      |              |
| 83 83.0     | 61.8 92.6    |
| 85 54.7     | 42.2 63.2    |
| 99 61.8     | 48.3 72.5    |

Manual Integrations  
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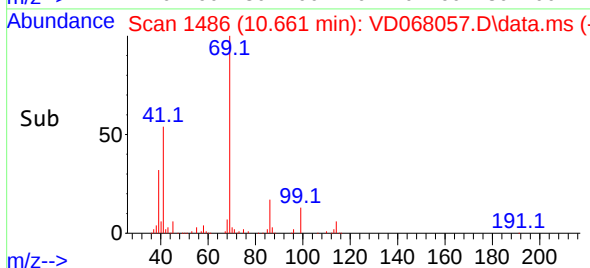
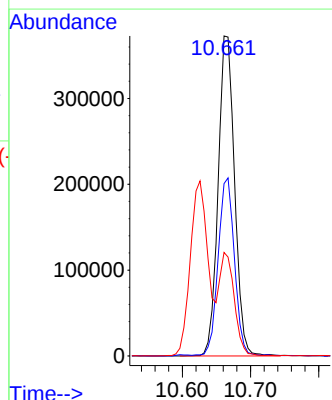
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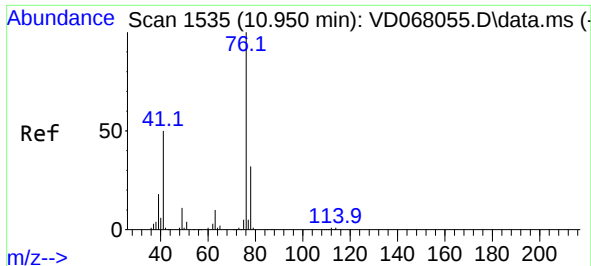


#56  
Ethyl methacrylate  
Concen: 130.34 ug/l  
RT: 10.661 min Scan# 1486  
Delta R.T. -0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



|             |              |
|-------------|--------------|
| Tgt Ion: 69 | Resp: 626795 |
| Ion Ratio   | Lower Upper  |
| 69 100      |              |
| 41 54.9     | 44.9 67.3    |
| 39 28.6     | 21.9 32.9    |





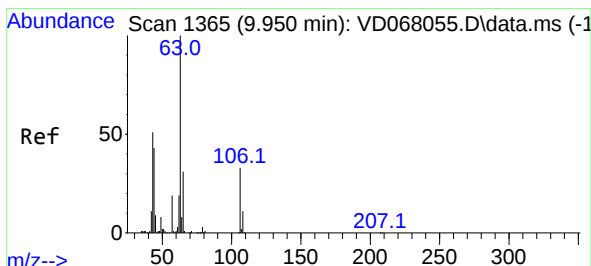
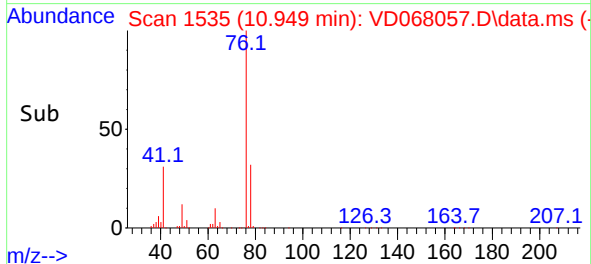
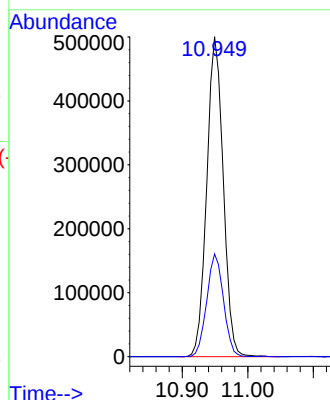
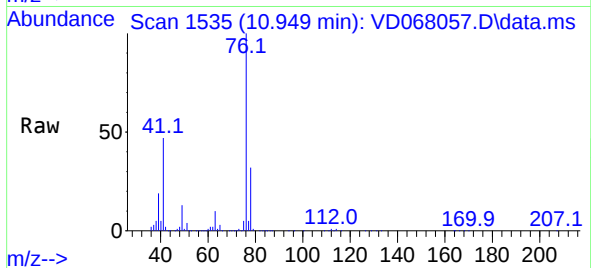
#57  
1,3-Dichloropropane  
Concen: 116.65 ug/l  
RT: 10.949 min Scan# 1535  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 76 Resp: 875082  
Ion Ratio Lower Upper  
76 100  
78 32.6 25.6 38.4

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

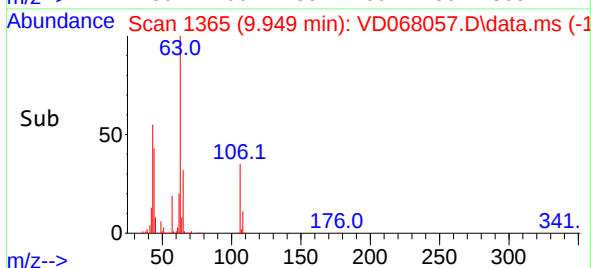
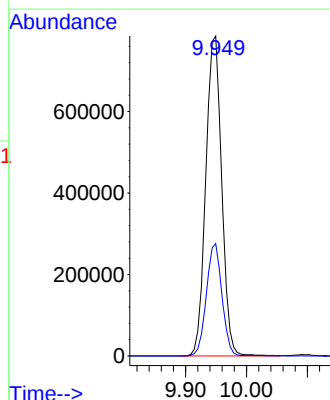
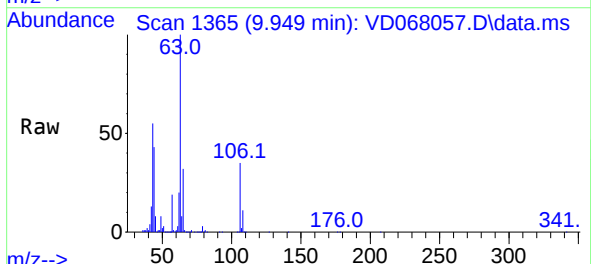
Manual Integrations  
APPROVED

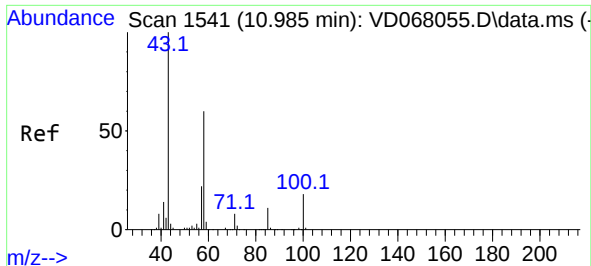
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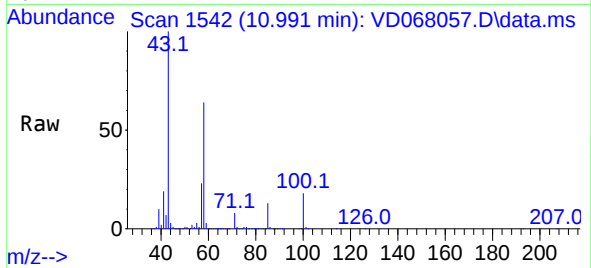
#58  
2-Chloroethyl Vinyl ether  
Concen: 602.78 ug/l  
RT: 9.949 min Scan# 1365  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 63 Resp: 1429582  
Ion Ratio Lower Upper  
63 100  
106 34.2 27.0 40.4

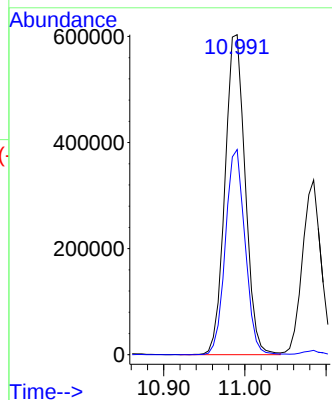




#59  
2-Hexanone  
Concen: 499.30 ug/l  
RT: 10.991 min Scan# 1542  
Delta R.T. 0.006 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



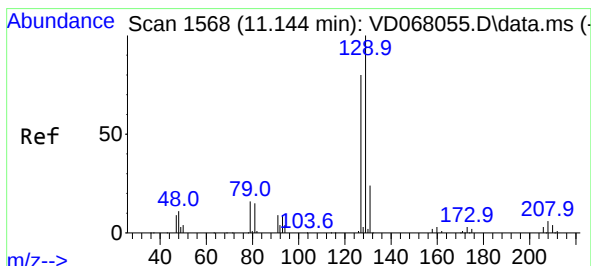
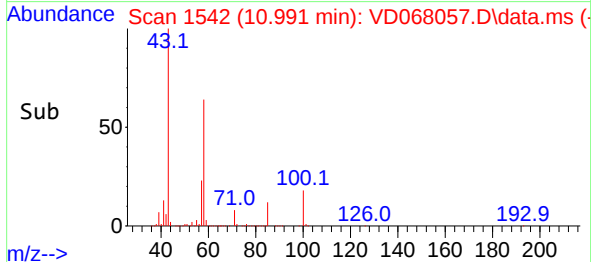
Tgt Ion: 43 Resp: 1044619  
Ion Ratio Lower Upper  
43 100  
58 62.3 31.0 93.0



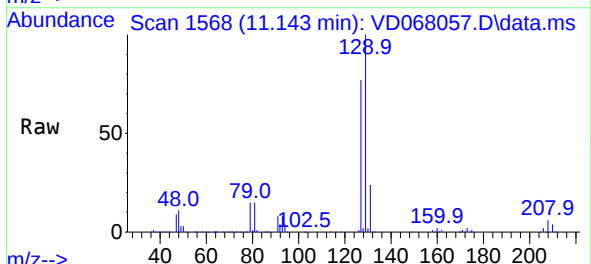
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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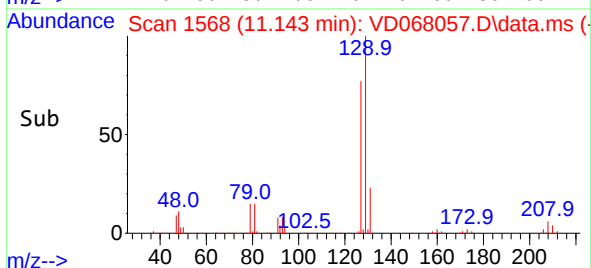
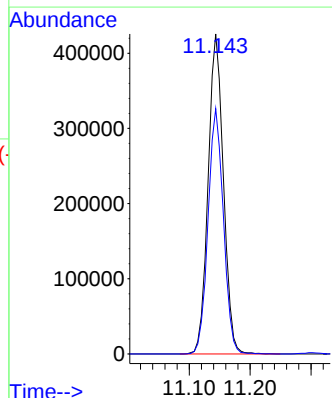
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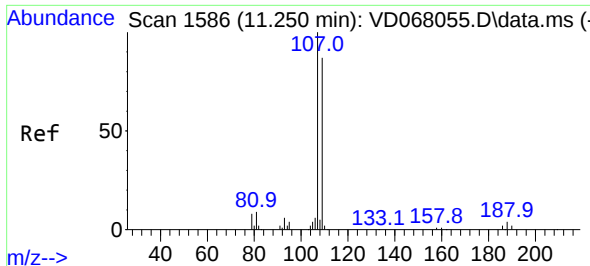


#60  
Dibromochloromethane  
Concen: 136.72 ug/l  
RT: 11.143 min Scan# 1568  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



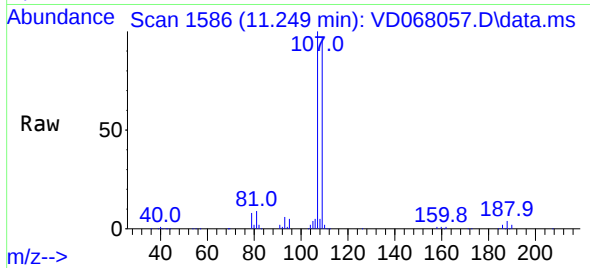
Tgt Ion: 129 Resp: 741478  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.6 116.0





#61  
1,2-Dibromoethane  
Concen: 125.75 ug/l  
RT: 11.249 min Scan# 1586  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

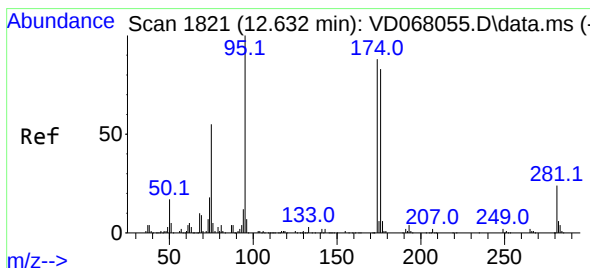
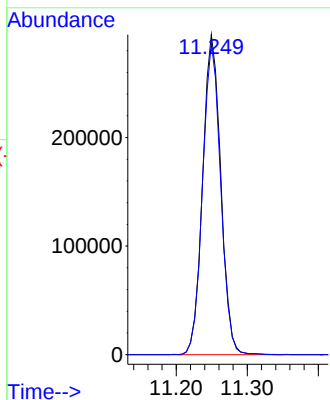
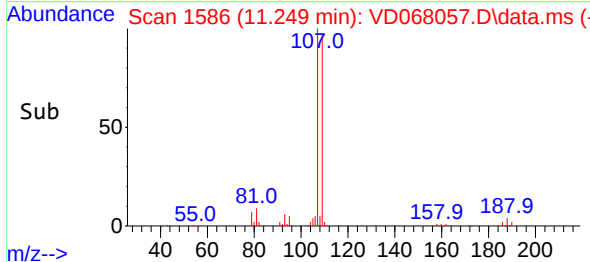
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



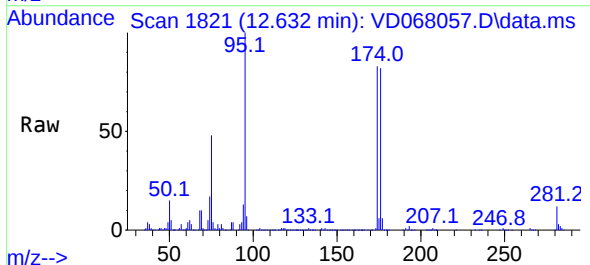
Tgt Ion:107 Resp: 522589  
Ion Ratio Lower Upper  
107 100  
109 97.0 74.8 112.2

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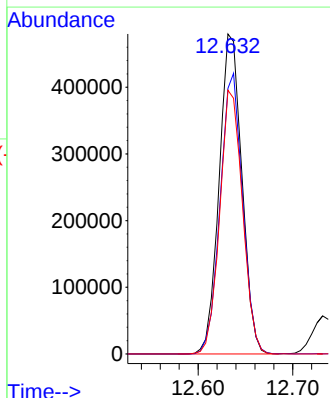
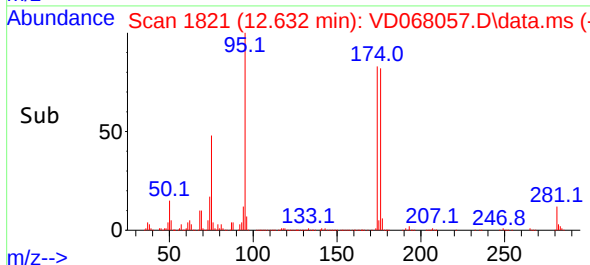
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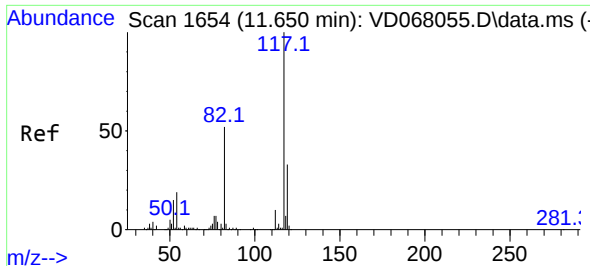


#62  
4-Bromofluorobenzene  
Concen: 121.96 ug/l  
RT: 12.632 min Scan# 1821  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



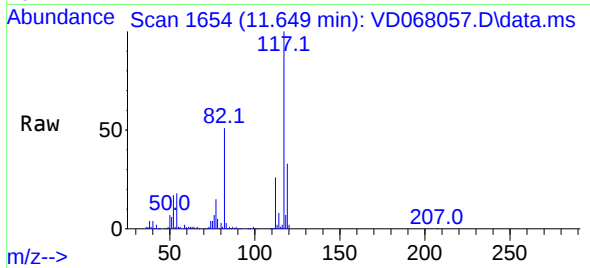
Tgt Ion: 95 Resp: 799437  
Ion Ratio Lower Upper  
95 100  
174 86.6 0.0 172.4  
176 82.5 0.0 168.4





#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.649 min Scan# 1654  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

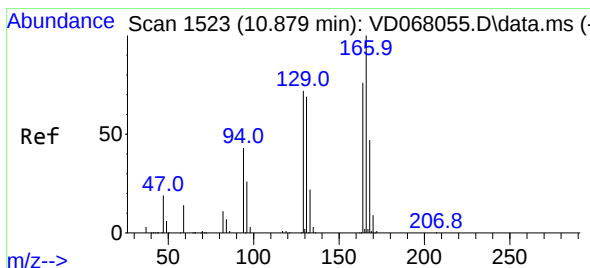
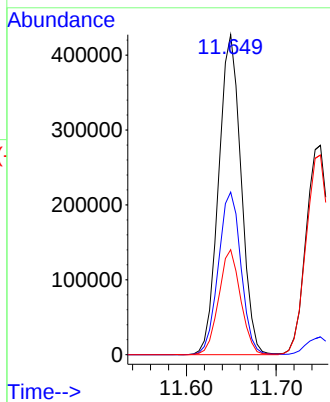
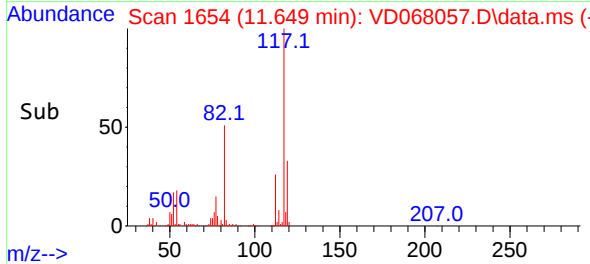
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



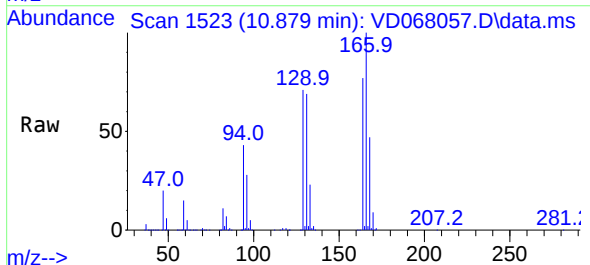
Tgt Ion:117 Resp: 742789  
Ion Ratio Lower Upper  
117 100  
82 50.8 41.4 62.0  
119 32.7 26.1 39.1

Manual Integrations  
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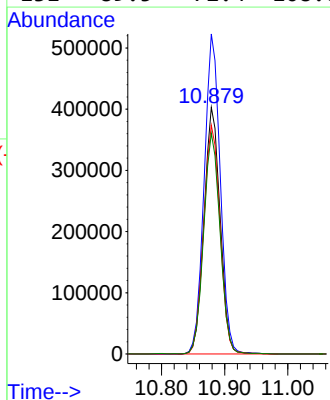
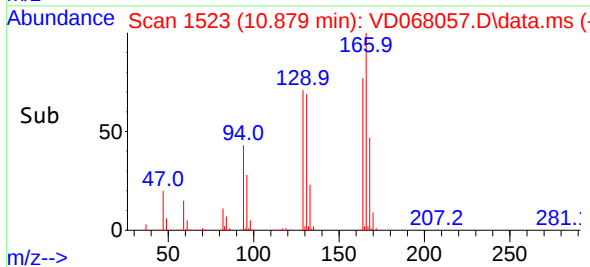
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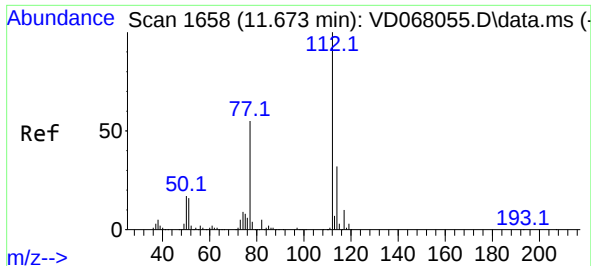


#64  
Tetrachloroethene  
Concen: 136.26 ug/l  
RT: 10.879 min Scan# 1523  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



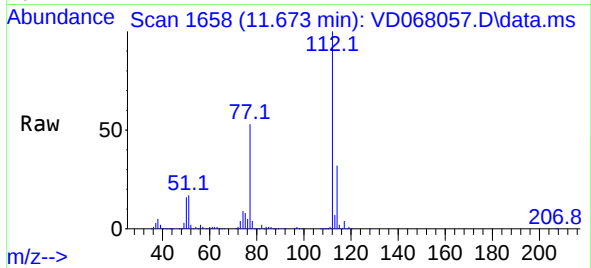
Tgt Ion:164 Resp: 718996  
Ion Ratio Lower Upper  
164 100  
166 129.8 105.5 158.3  
129 92.7 75.6 113.4  
131 89.5 72.4 108.6





#65  
Chlorobenzene  
Concen: 129.22 ug/l  
RT: 11.673 min Scan# 1658  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

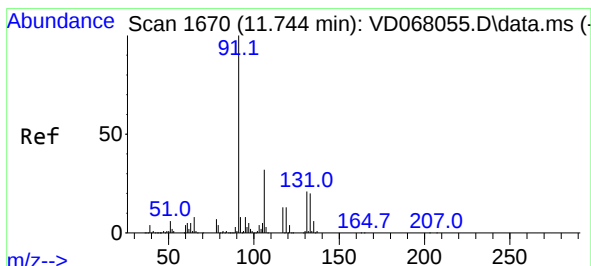
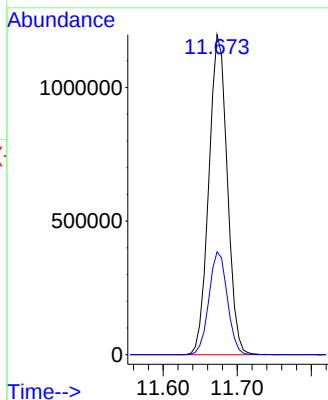
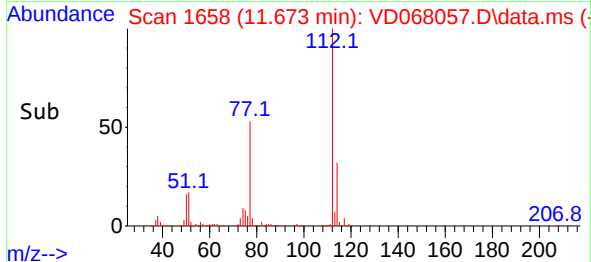
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



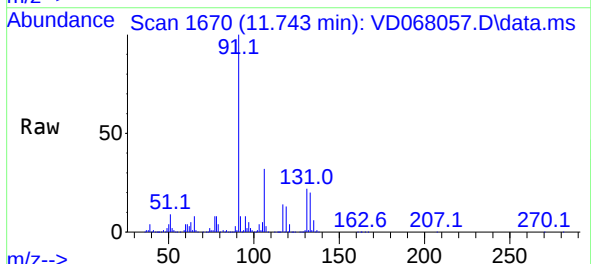
Tgt Ion:112 Resp: 2066128  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.7 38.5

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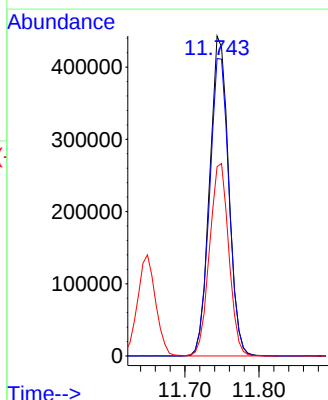
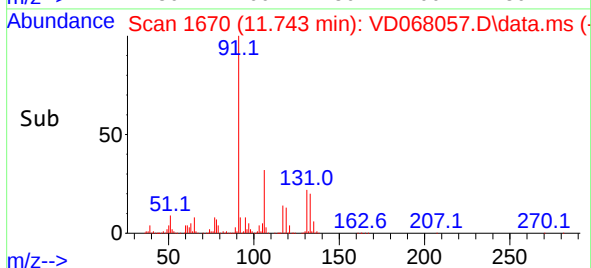
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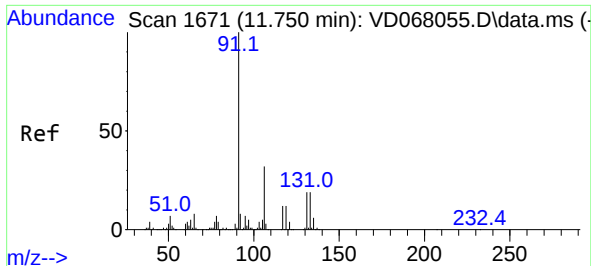


#66  
1,1,1,2-Tetrachloroethane  
Concen: 136.63 ug/l  
RT: 11.743 min Scan# 1670  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion:131 Resp: 786505  
Ion Ratio Lower Upper  
131 100  
133 95.5 48.1 144.4  
119 61.1 31.6 94.8





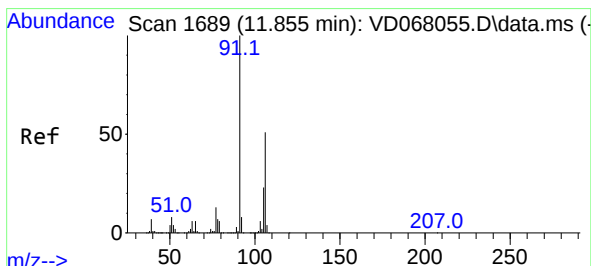
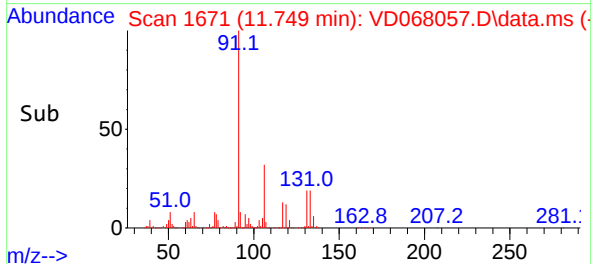
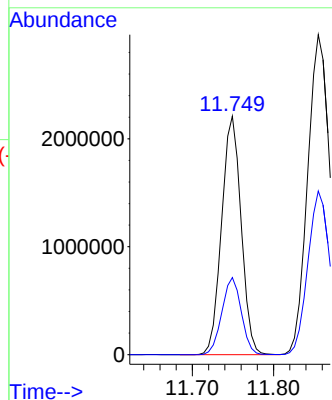
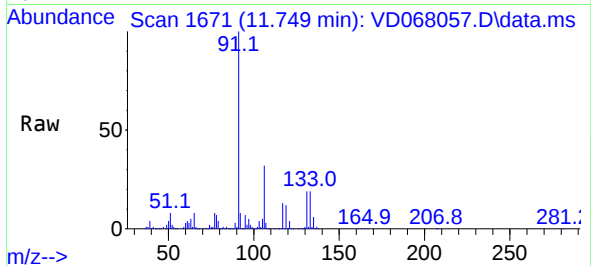
#67  
Ethyl Benzene  
Concen: 130.32 ug/l  
RT: 11.749 min Scan# 1671  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

Tgt Ion: 91 Resp: 3692755  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.9 38.9

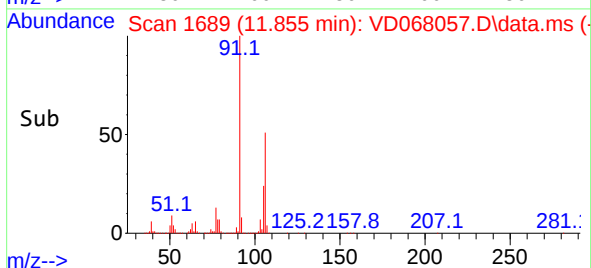
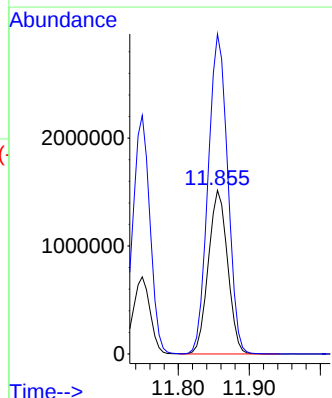
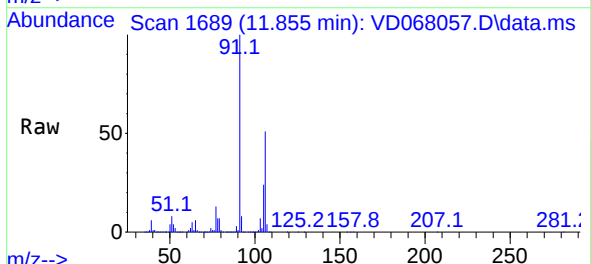
Manual Integrations  
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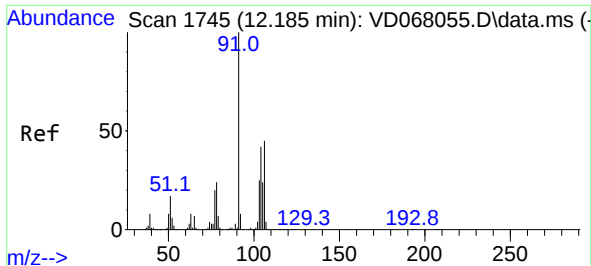
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#68  
m/p-Xylenes  
Concen: 263.56 ug/l  
RT: 11.855 min Scan# 1689  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 106 Resp: 2853011  
Ion Ratio Lower Upper  
106 100  
91 198.6 159.1 238.7





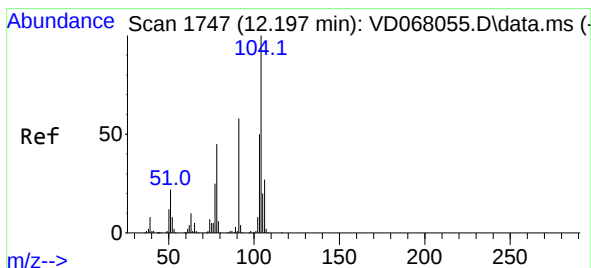
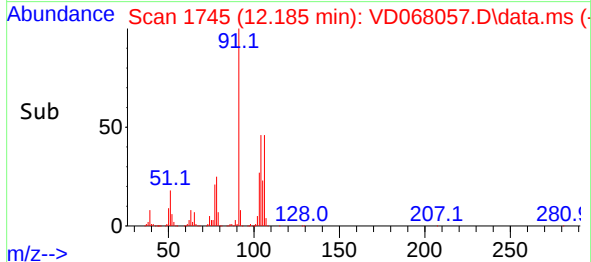
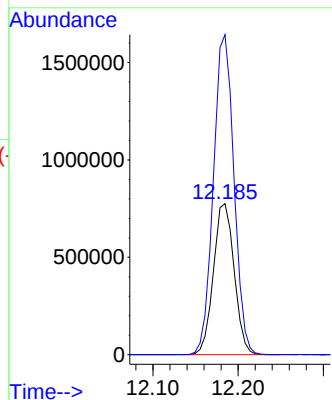
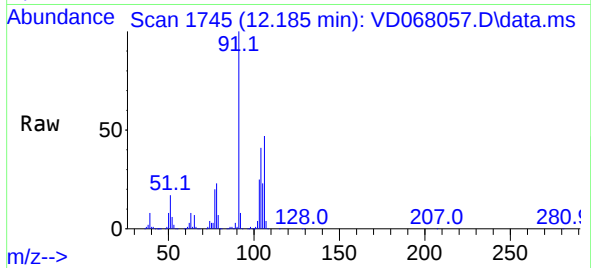
#69  
o-Xylene  
Concen: 135.72 ug/l  
RT: 12.185 min Scan# 1745  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion:106 Resp: 1310866  
Ion Ratio Lower Upper  
106 100  
91 209.9 108.7 325.9

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

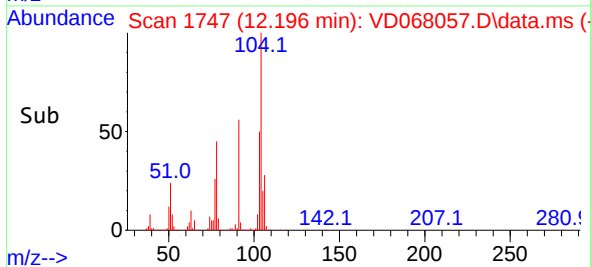
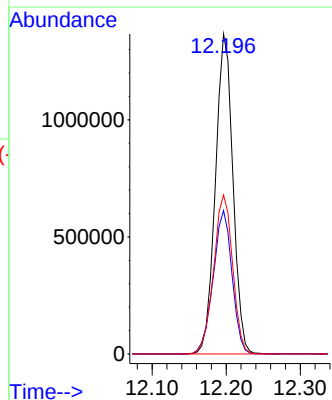
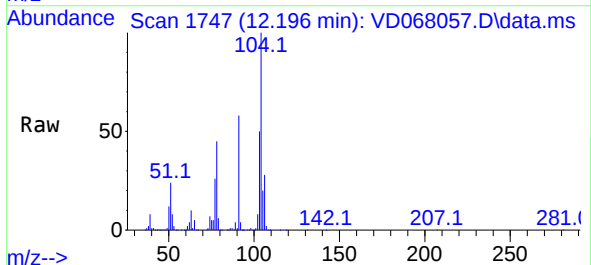
Manual Integrations  
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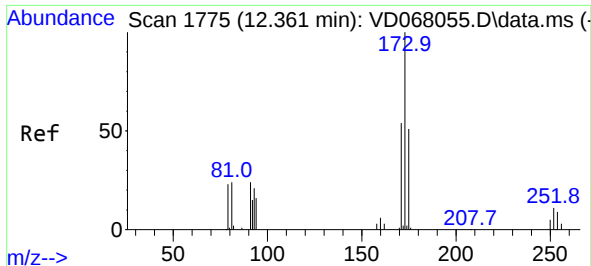
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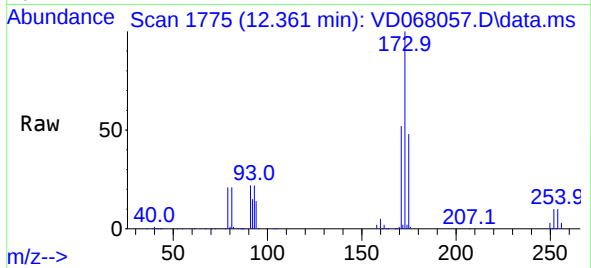
#70  
Styrene  
Concen: 133.85 ug/l  
RT: 12.196 min Scan# 1747  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion:104 Resp: 2241555  
Ion Ratio Lower Upper  
104 100  
78 48.2 38.2 57.2  
103 53.9 43.1 64.7

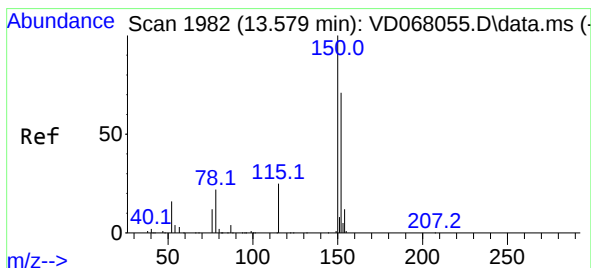
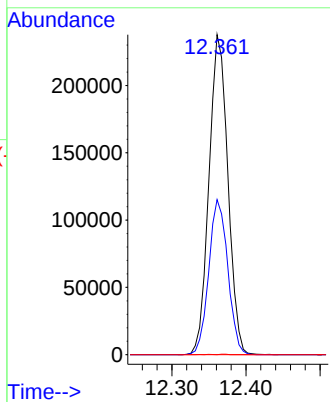
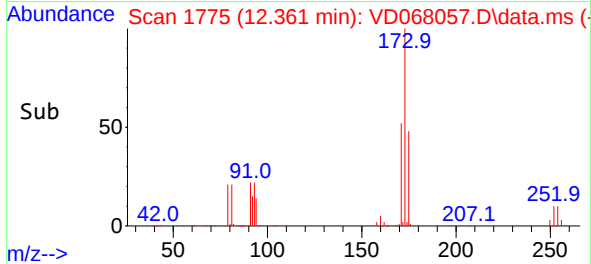




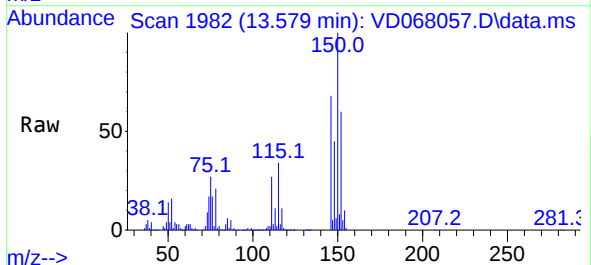
#71  
Bromoform  
Concen: 143.94 ug/l  
RT: 12.361 min Scan# 1775  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



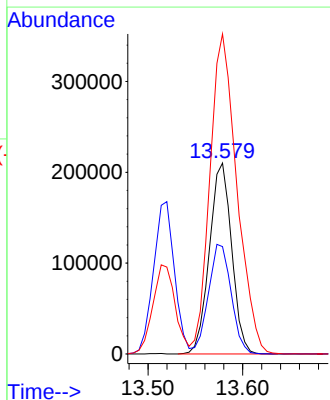
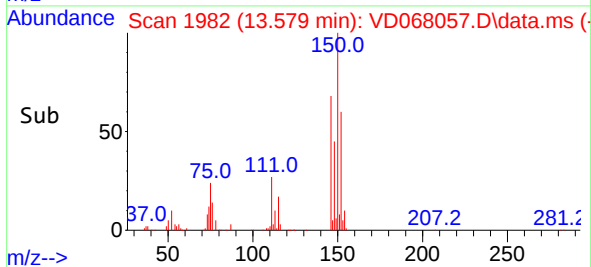
Tgt Ion:173 Resp: 421092  
Ion Ratio Lower Upper  
173 100  
175 48.8 24.6 73.8  
254 0.1 0.0 0.0#



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.579 min Scan# 1982  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



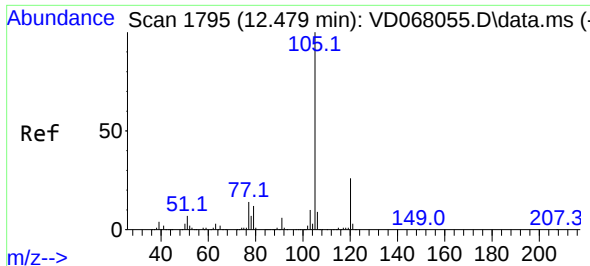
Tgt Ion:152 Resp: 343012  
Ion Ratio Lower Upper  
152 100  
115 58.8 28.9 86.8  
150 203.4 0.0 344.4



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

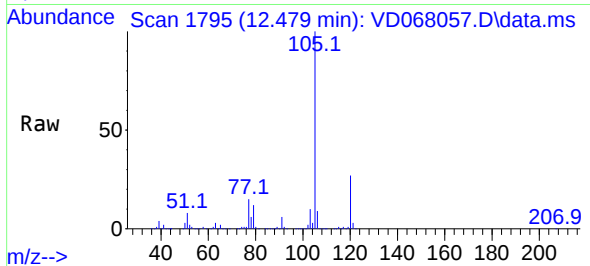
Manual Integrations  
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#73  
Isopropylbenzene  
Concen: 142.26 ug/l  
RT: 12.479 min Scan# 1795  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

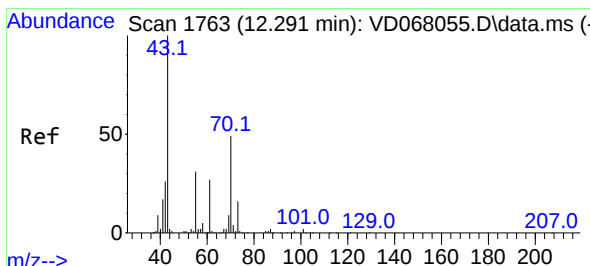
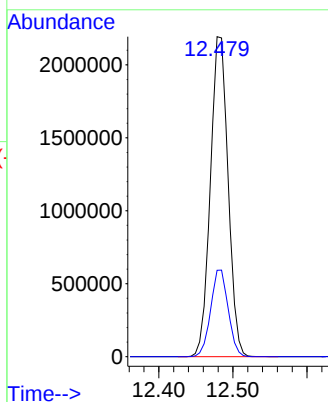
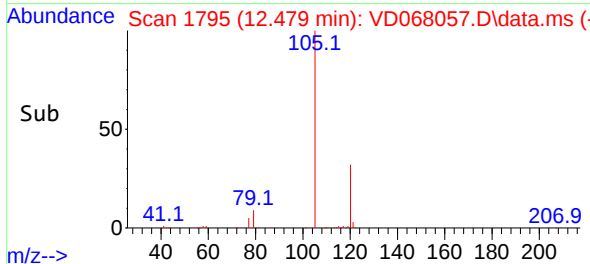
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



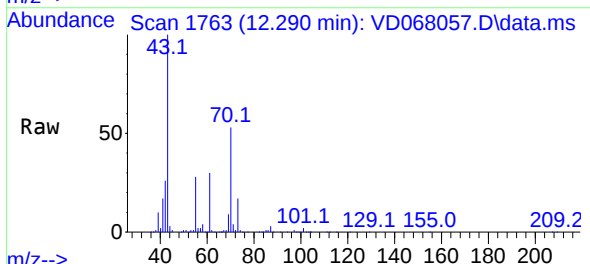
Tgt Ion:105 Resp: 3642845  
Ion Ratio Lower Upper  
105 100  
120 26.8 13.2 39.6

Manual Integrations  
APPROVED

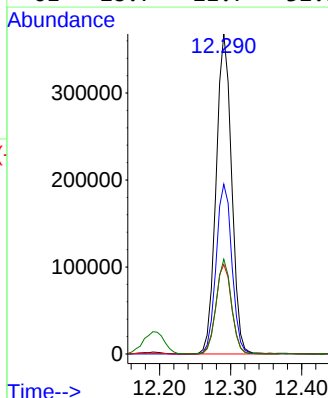
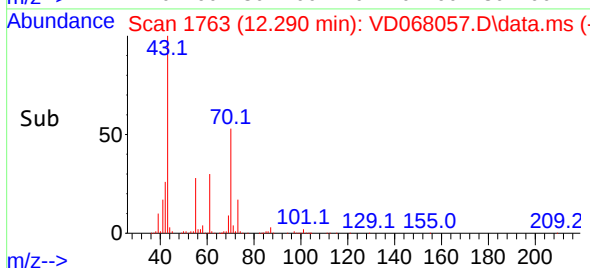
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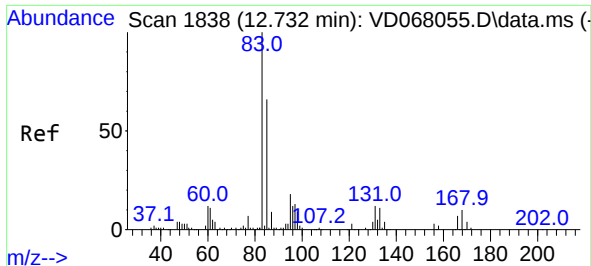


#74  
N-ethyl acetate  
Concen: 100.90 ug/l  
RT: 12.290 min Scan# 1763  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



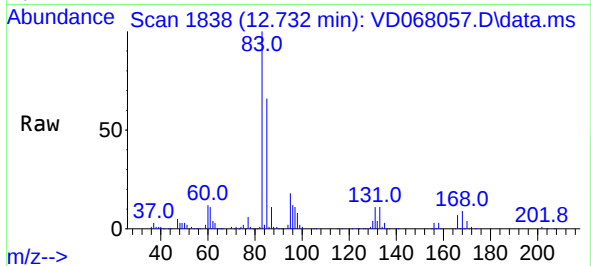
Tgt Ion: 43 Resp: 556178  
Ion Ratio Lower Upper  
43 100  
70 53.9 41.8 62.8  
55 28.4 24.2 36.4  
61 28.7 21.7 32.5





#75  
1,1,2,2-Tetrachloroethane  
Concen: 115.14 ug/l  
RT: 12.732 min Scan# 1838  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

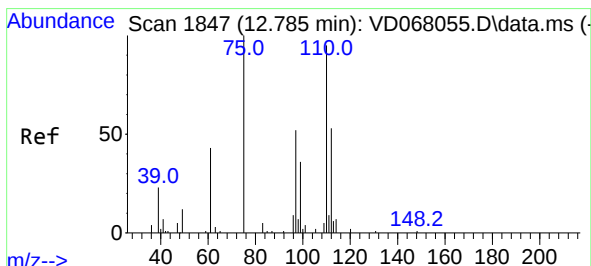
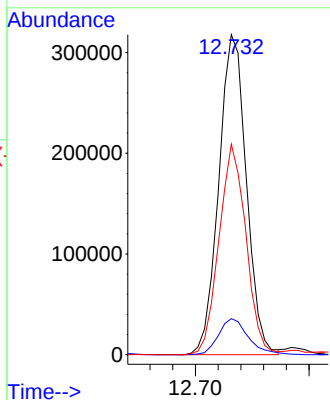
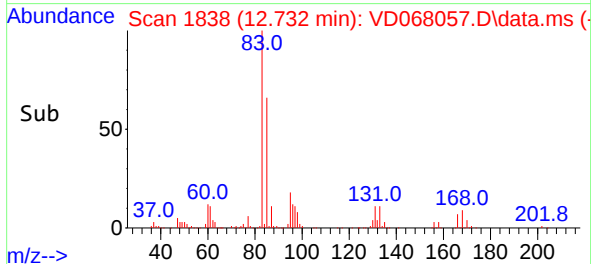
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



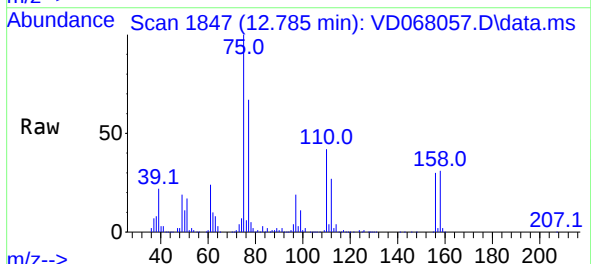
Tgt Ion: 83 Resp: 535393  
Ion Ratio Lower Upper  
83 100  
131 12.2 5.8 17.4  
85 64.2 32.4 97.2

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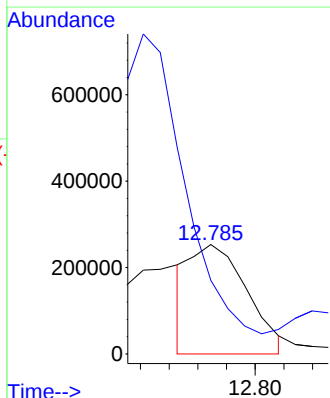
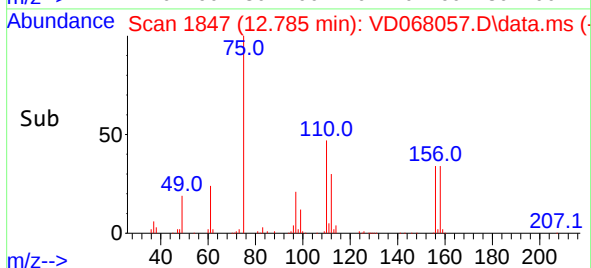
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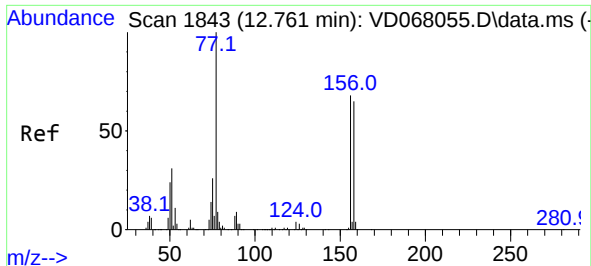


#76  
1,2,3-Trichloropropane  
Concen: 122.54 ug/l m  
RT: 12.785 min Scan# 1847  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 75 Resp: 349529  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0





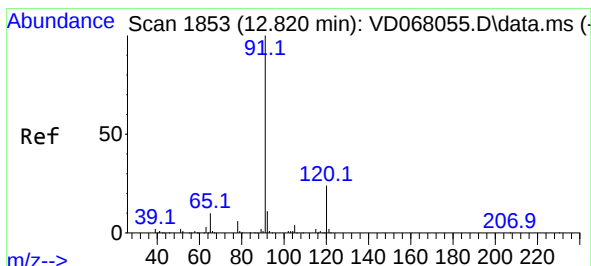
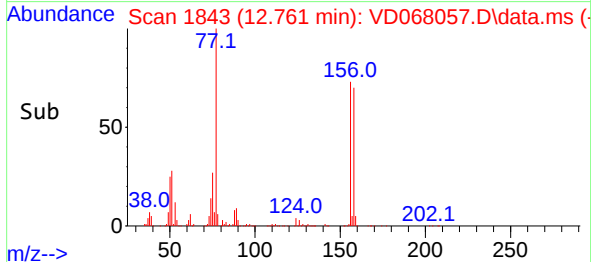
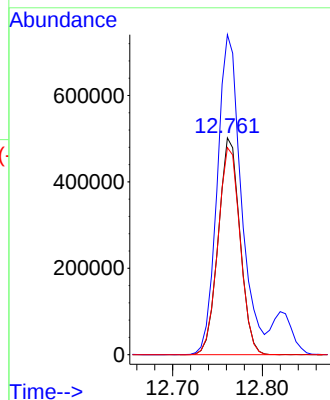
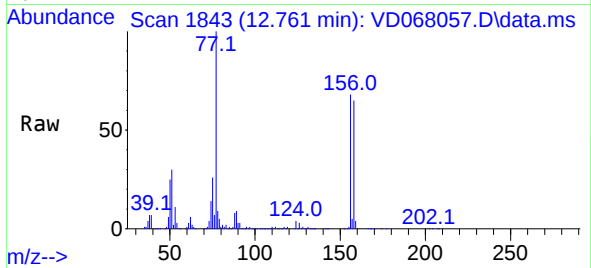
#77  
Bromobenzene  
Concen: 143.24 ug/l  
RT: 12.761 min Scan# 1843  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Tgt Ion: 156 Resp: 840821  
Ion Ratio Lower Upper  
156 100  
77 162.8 82.8 248.3  
158 98.0 48.0 144.0

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

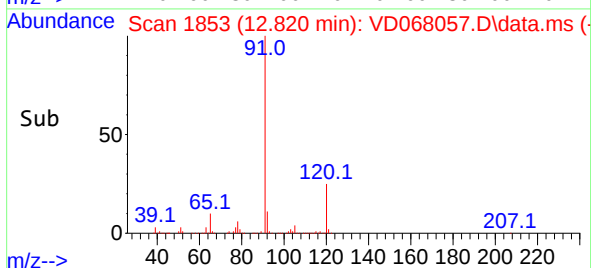
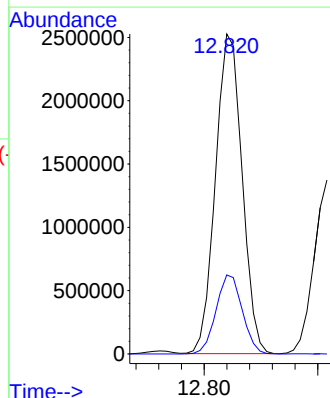
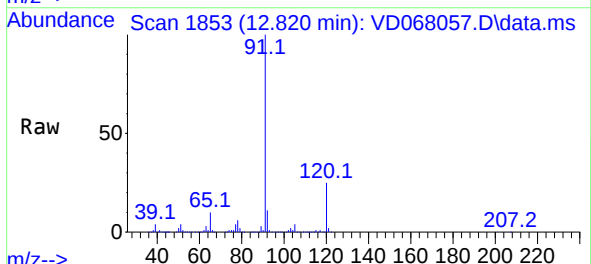
Manual Integrations  
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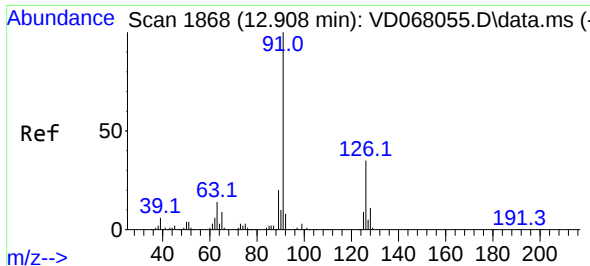
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#78  
n-propylbenzene  
Concen: 130.88 ug/l  
RT: 12.820 min Scan# 1853  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

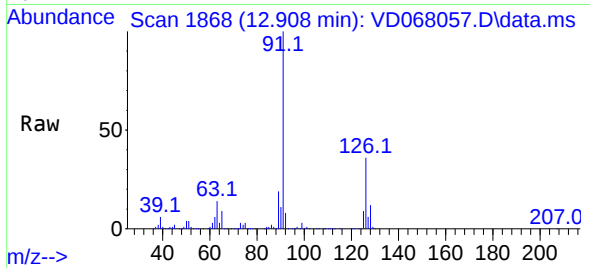
Tgt Ion: 91 Resp: 4112267  
Ion Ratio Lower Upper  
91 100  
120 24.3 12.0 36.0





#79  
2-Chlorotoluene  
Concen: 132.48 ug/l  
RT: 12.908 min Scan# 1868  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

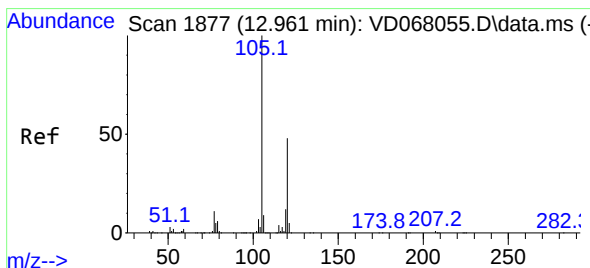
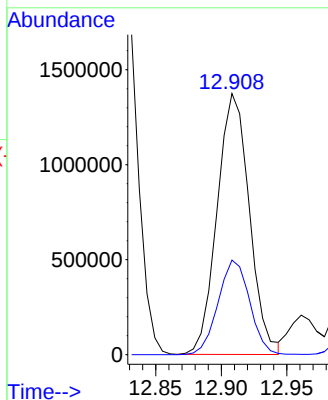
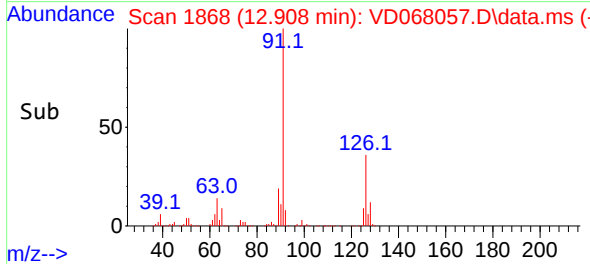
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



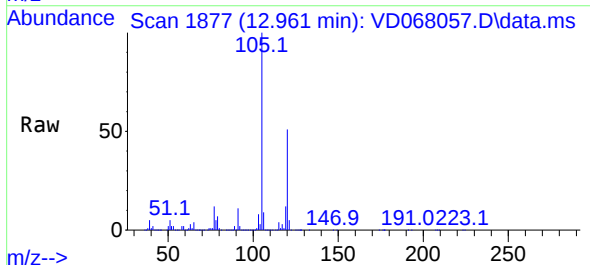
Tgt Ion: 91 Resp: 2350327  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.8 53.5

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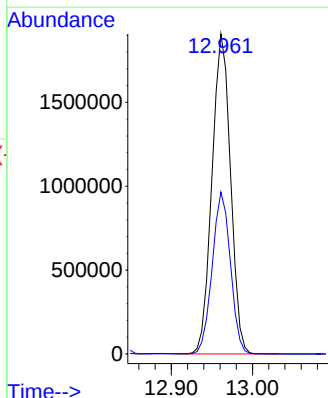
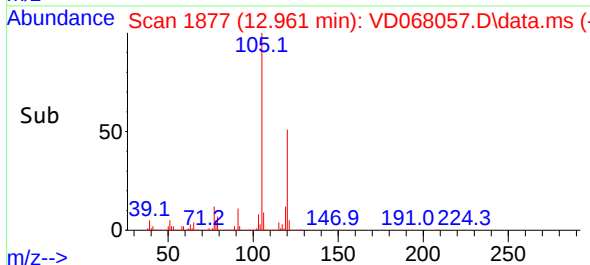
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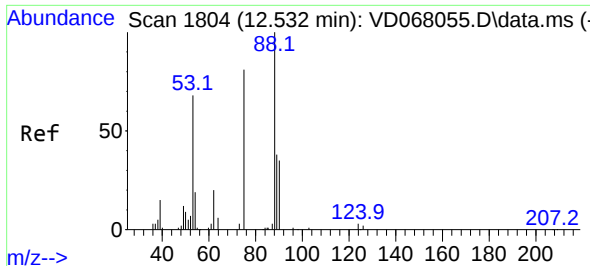


#80  
1,3,5-Trimethylbenzene  
Concen: 142.10 ug/l  
RT: 12.961 min Scan# 1877  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



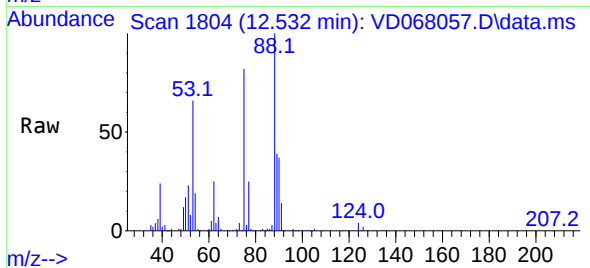
Tgt Ion: 105 Resp: 3028225  
Ion Ratio Lower Upper  
105 100  
120 49.5 24.2 72.6





#81  
trans-1,4-Dichloro-2-butene  
Concen: 128.43 ug/l  
RT: 12.532 min Scan# 1804  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

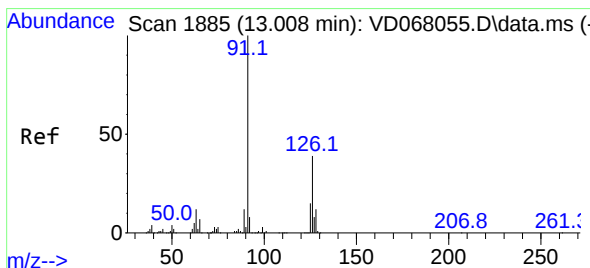
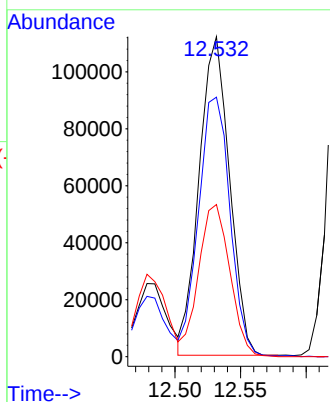
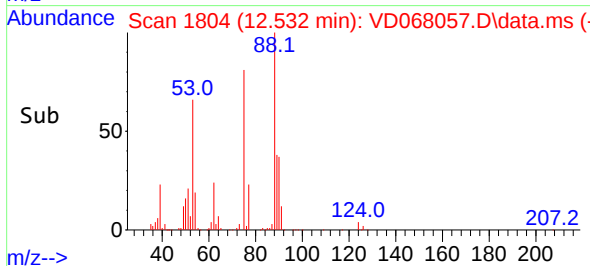
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



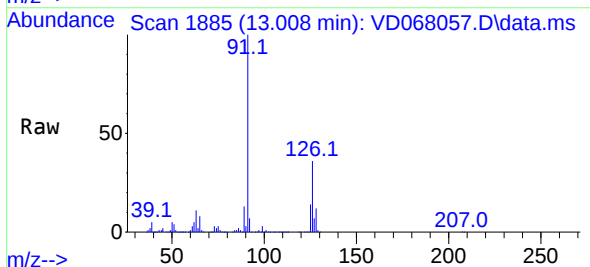
Tgt Ion: 75 Resp: 179866  
Ion Ratio Lower Upper  
75 100  
53 85.1 70.2 105.2  
89 49.3 40.3 60.5

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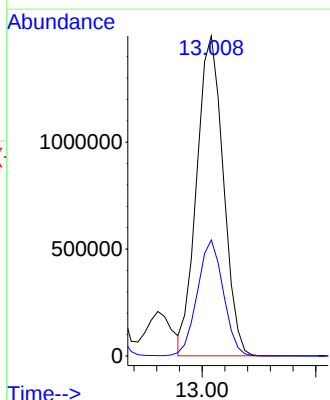
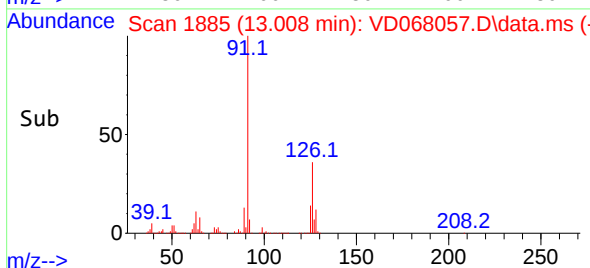
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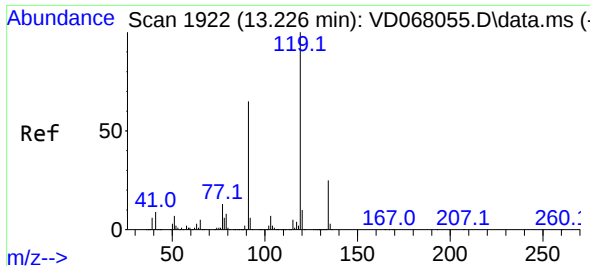


#82  
4-Chlorotoluene  
Concen: 130.04 ug/l  
RT: 13.008 min Scan# 1885  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



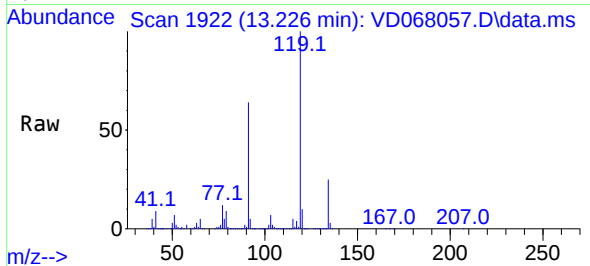
Tgt Ion: 91 Resp: 2426884  
Ion Ratio Lower Upper  
91 100  
126 35.4 17.7 53.1





#83  
tert-Butylbenzene  
Concen: 148.97 ug/l  
RT: 13.226 min Scan# 1922  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

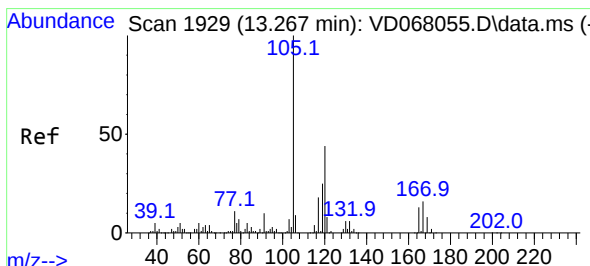
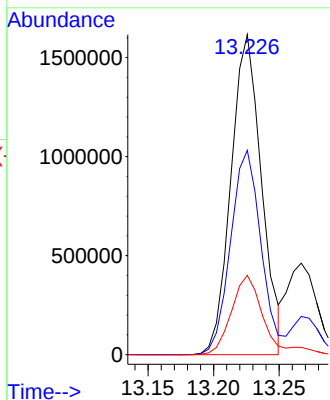
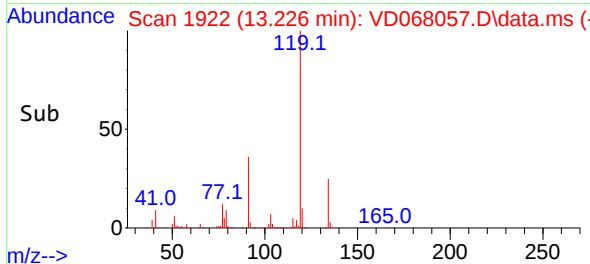
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



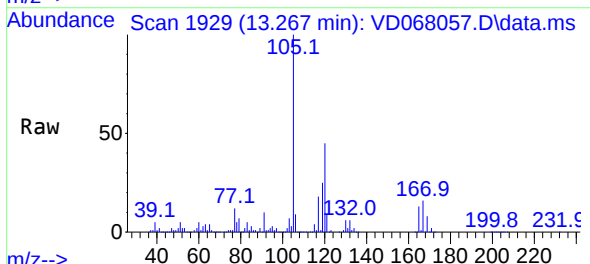
Tgt Ion:119 Resp: 2622236  
Ion Ratio Lower Upper  
119 100  
91 64.3 31.1 93.5  
134 26.3 13.3 39.8

Manual Integrations  
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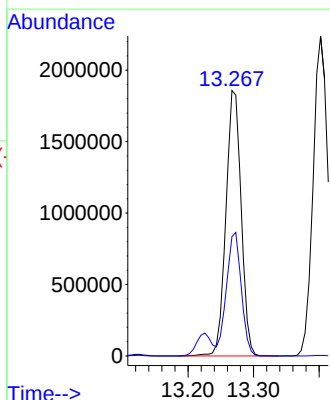
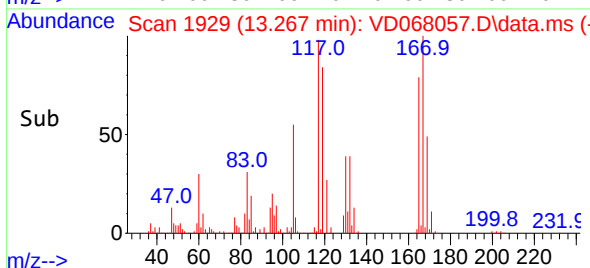
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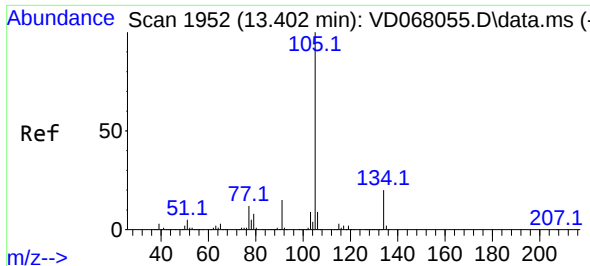


#84  
1,2,4-Trimethylbenzene  
Concen: 140.81 ug/l  
RT: 13.267 min Scan# 1929  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



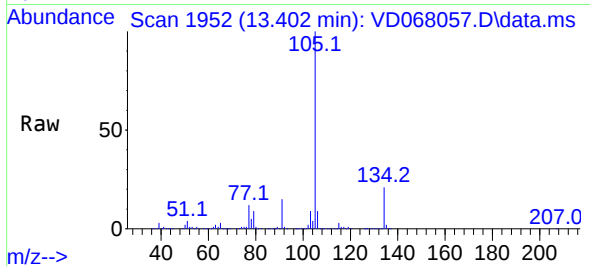
Tgt Ion:105 Resp: 2996049  
Ion Ratio Lower Upper  
105 100  
120 45.2 22.4 67.0





#85  
 sec-Butylbenzene  
 Concen: 139.24 ug/l  
 RT: 13.402 min Scan# 1952  
 Delta R.T. -0.000 min  
 Lab File: VD068057.D  
 Acq: 12 Jan 2021 14:57

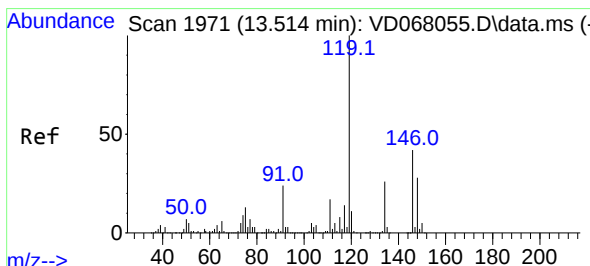
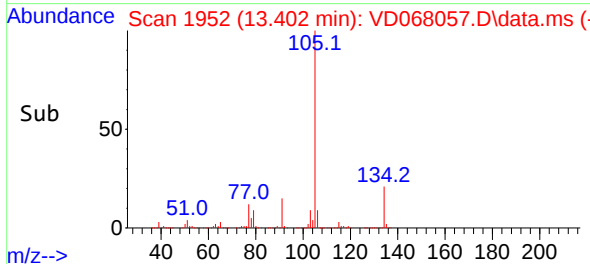
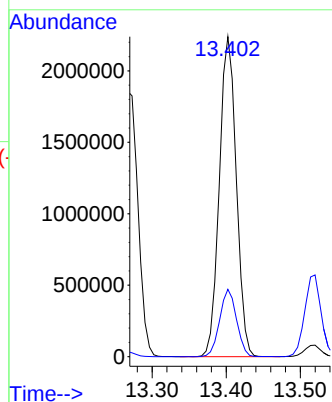
Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTDIC150



Tgt Ion:105 Resp: 3559795  
 Ion Ratio Lower Upper  
 105 100  
 134 20.9 10.3 30.9

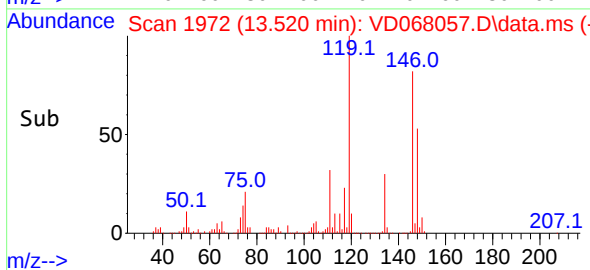
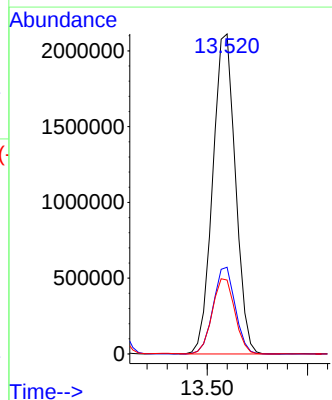
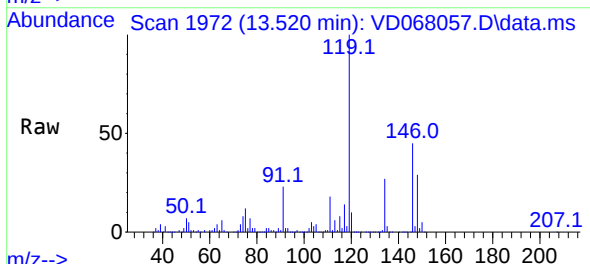
Manual Integrations  
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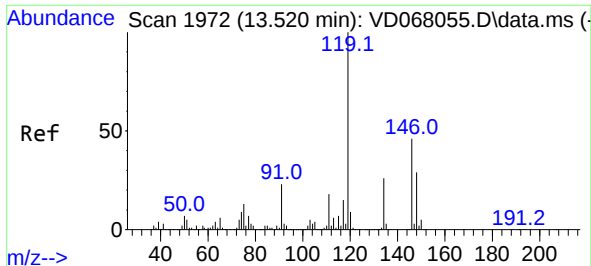
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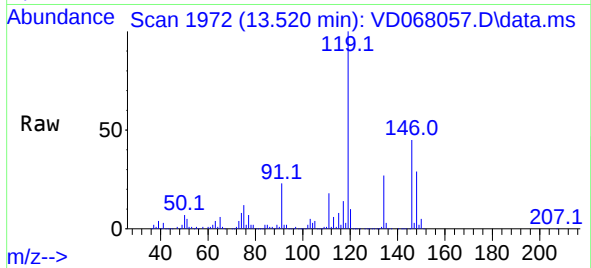
#86  
 p-Isopropyltoluene  
 Concen: 146.55 ug/l  
 RT: 13.520 min Scan# 1972  
 Delta R.T. 0.006 min  
 Lab File: VD068057.D  
 Acq: 12 Jan 2021 14:57

Tgt Ion:119 Resp: 3317876  
 Ion Ratio Lower Upper  
 119 100  
 134 26.4 12.9 38.7  
 91 23.5 11.7 35.0

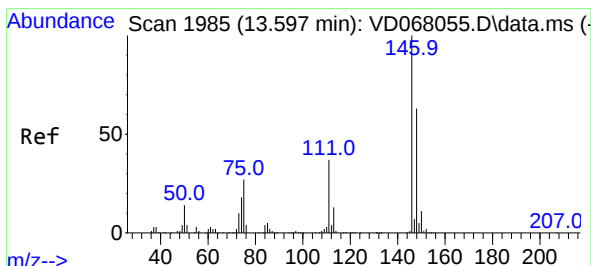
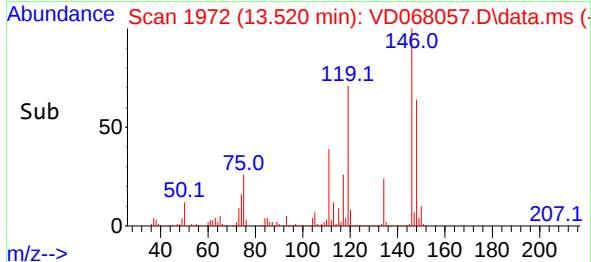
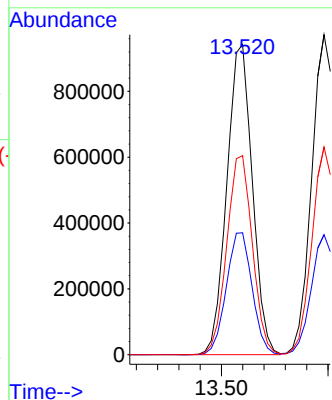




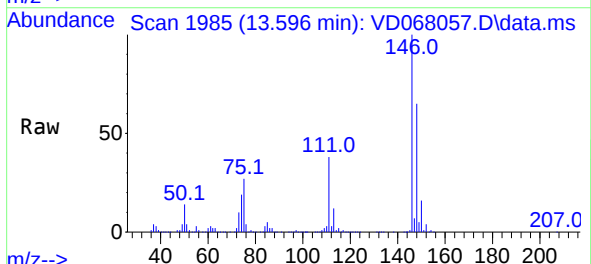
#87  
1,3-Dichlorobenzene  
Concen: 135.01 ug/l  
RT: 13.520 min Scan# 1972  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



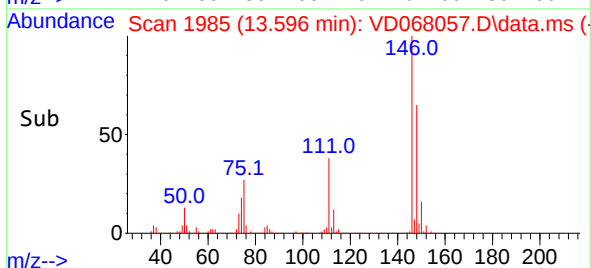
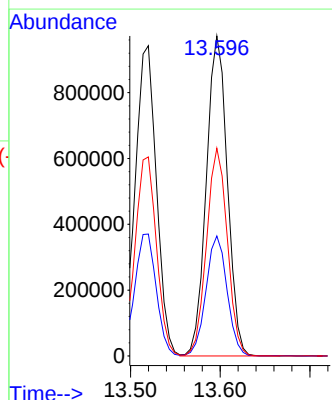
Tgt Ion:146 Resp: 1571096  
Ion Ratio Lower Upper  
146 100  
111 39.7 19.5 58.5  
148 64.5 31.6 95.0



#88  
1,4-Dichlorobenzene  
Concen: 137.32 ug/l  
RT: 13.596 min Scan# 1985  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



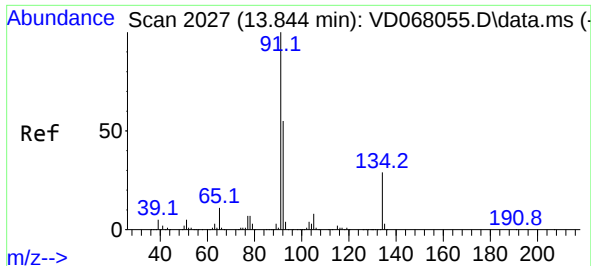
Tgt Ion:146 Resp: 1580122  
Ion Ratio Lower Upper  
146 100  
111 37.6 19.1 57.1  
148 64.3 31.9 95.7



Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

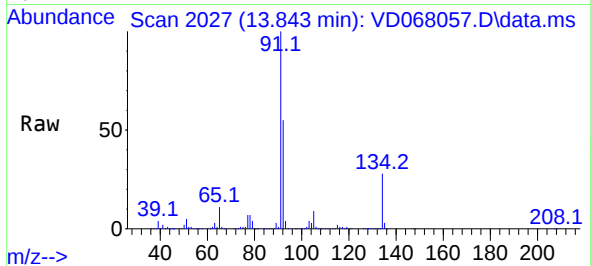
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#89  
n-Butylbenzene  
Concen: 135.41 ug/l  
RT: 13.843 min Scan# 2027  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

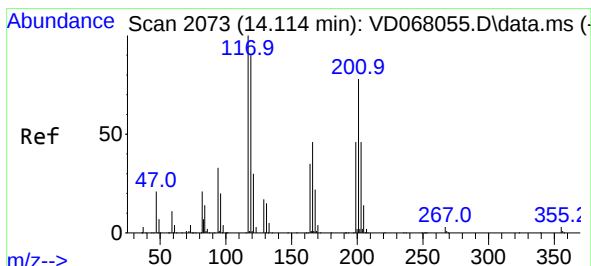
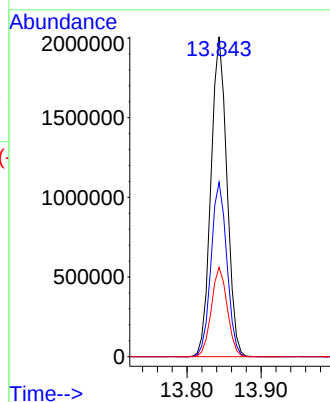


Tgt Ion: 91 Resp: 2995902

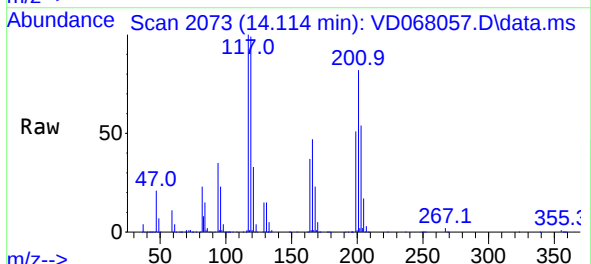
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 54.2  | 27.2  | 81.6  |
| 134 | 27.8  | 13.9  | 41.7  |

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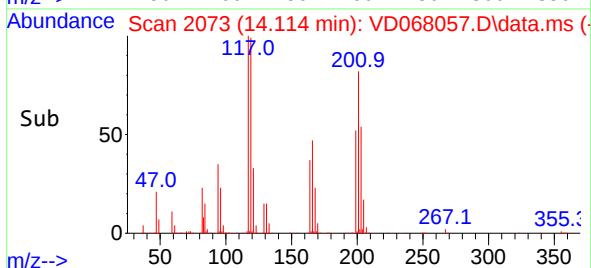
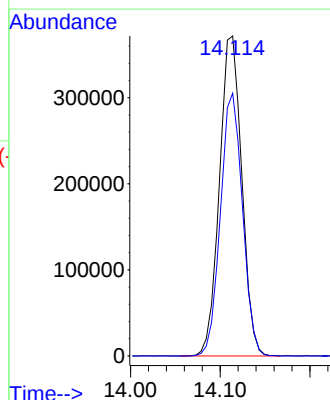


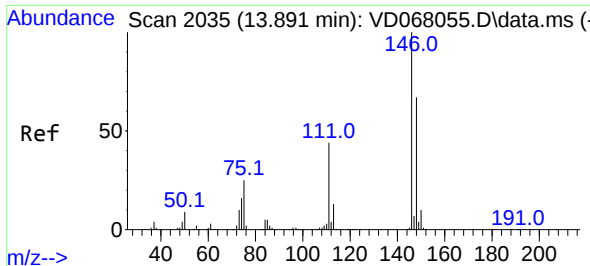
#90  
Hexachloroethane  
Concen: 139.71 ug/l  
RT: 14.114 min Scan# 2073  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion: 117 Resp: 642676

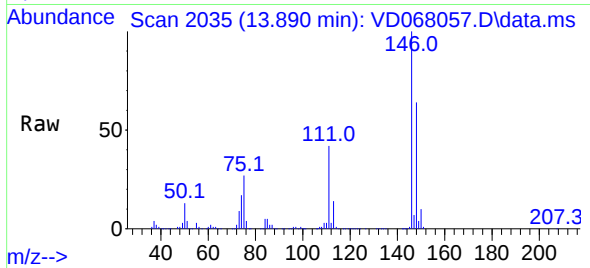
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 80.8  | 39.5  | 118.5 |





#91  
1,2-Dichlorobenzene  
Concen: 139.85 ug/l  
RT: 13.890 min Scan# 2035  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

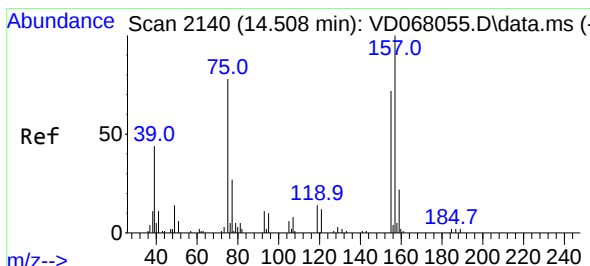
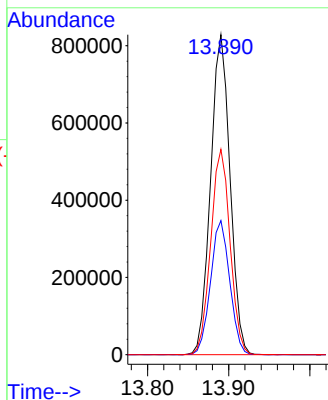
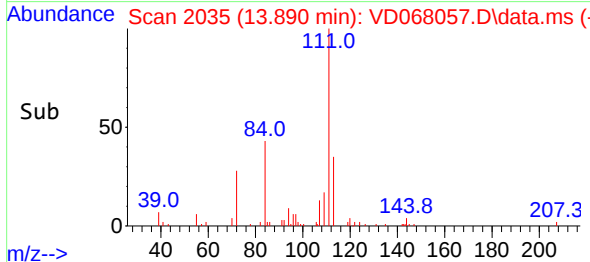
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



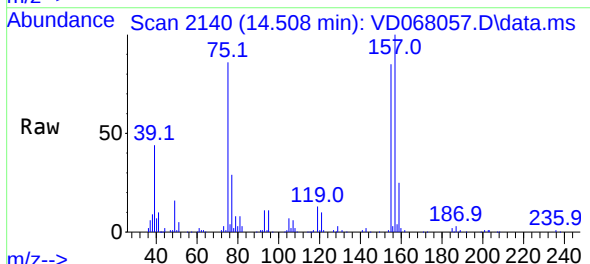
Tgt Ion:146 Resp: 1378306  
Ion Ratio Lower Upper  
146 100  
111 41.4 20.3 60.9  
148 63.9 31.7 95.1

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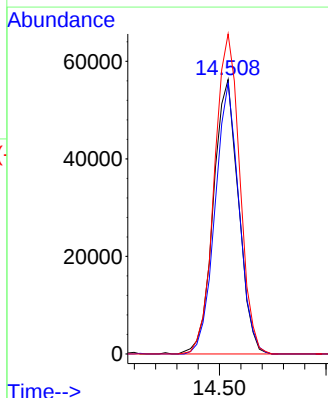
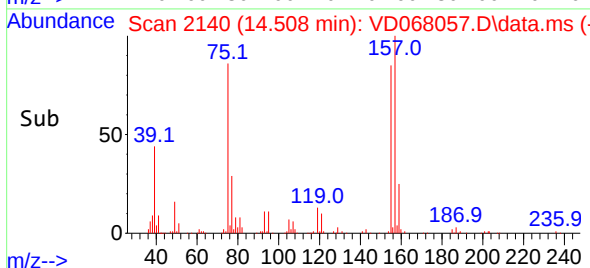
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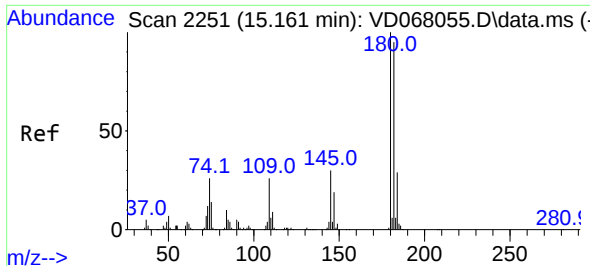


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 124.80 ug/l  
RT: 14.508 min Scan# 2140  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



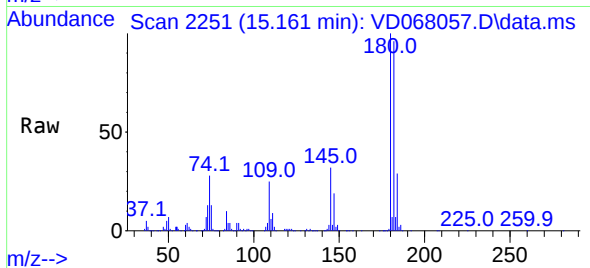
Tgt Ion: 75 Resp: 92049  
Ion Ratio Lower Upper  
75 100  
155 94.1 48.0 144.2  
157 117.3 65.0 194.8





#93  
1,2,4-Trichlorobenzene  
Concen: 166.43 ug/l  
RT: 15.161 min Scan# 2251  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

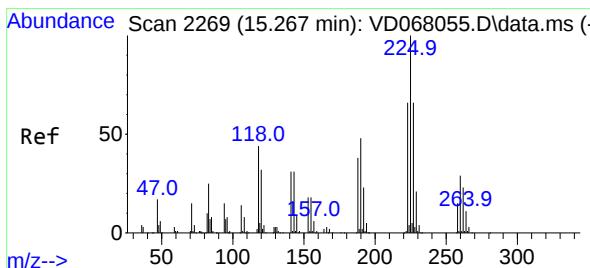
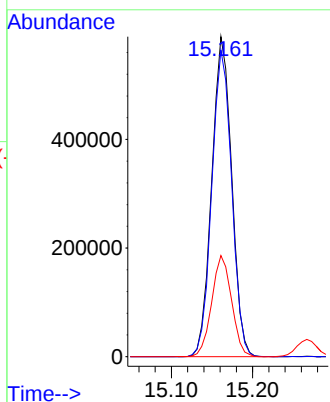
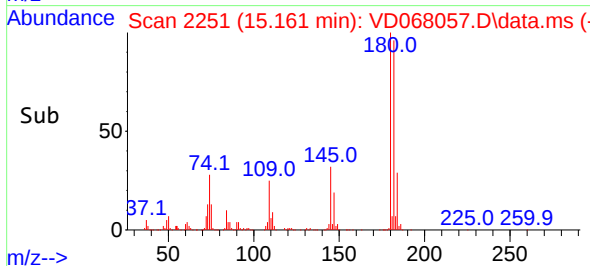
Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150



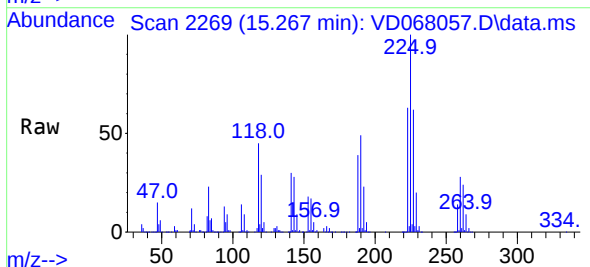
Tgt Ion:180 Resp: 1004259  
Ion Ratio Lower Upper  
180 100  
182 95.5 46.8 140.4  
145 31.5 15.2 45.5

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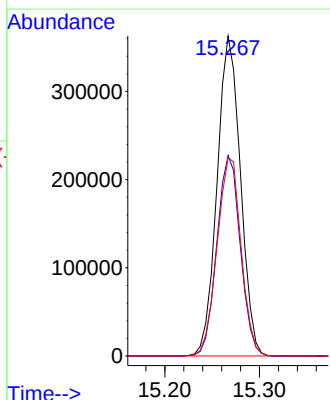
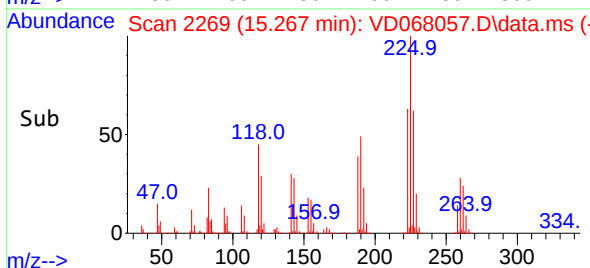
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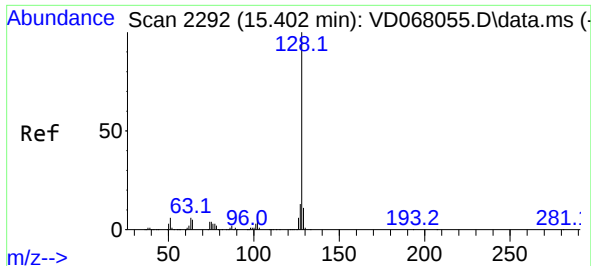


#94  
Hexachlorobutadiene  
Concen: 173.59 ug/l  
RT: 15.267 min Scan# 2269  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



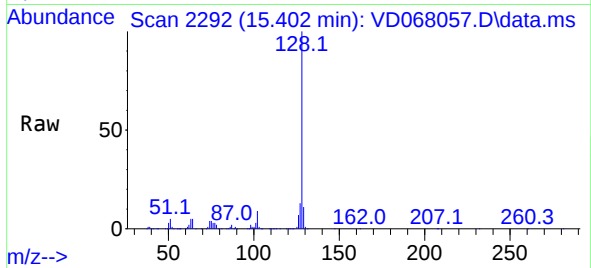
Tgt Ion:225 Resp: 623254  
Ion Ratio Lower Upper  
225 100  
223 62.8 31.9 95.5  
227 63.6 32.1 96.5





#95  
Naphthalene  
Concen: 169.35 ug/l  
RT: 15.402 min Scan# 2292  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57

Instrument :  
MSVOA\_D  
ClientSampleId :  
VSTDIC150

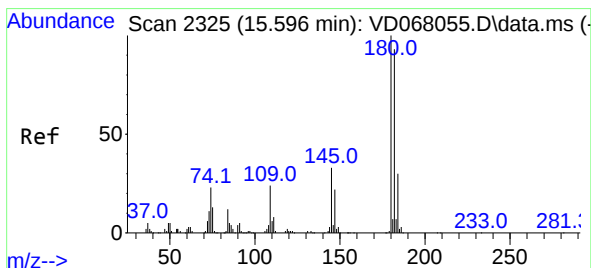
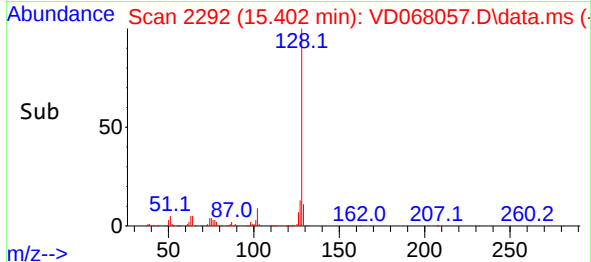
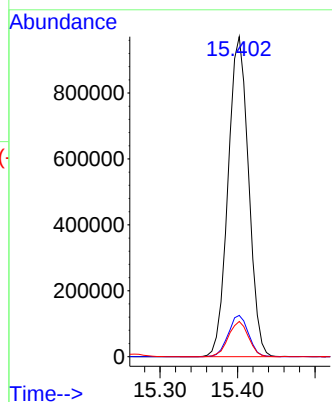


Tgt Ion:128 Resp: 1785983

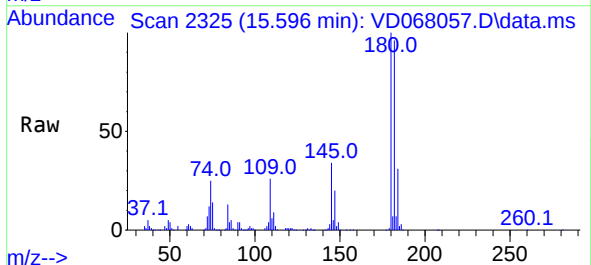
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 12.8  | 10.2  | 15.2  |
| 129 | 10.9  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 164.35 ug/l  
RT: 15.596 min Scan# 2325  
Delta R.T. -0.000 min  
Lab File: VD068057.D  
Acq: 12 Jan 2021 14:57



Tgt Ion:180 Resp: 855392

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.8  | 48.3  | 144.8 |
| 145 | 33.6  | 16.7  | 50.1  |

