

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121620\  
 Data File : VN065161.D  
 Acq On : 15 Dec 2020 23:41  
 Operator : JC/MD  
 Sample : VSTDIC150  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

Manual Integrations  
 APPROVED

MMDadoda  
 12/22/2020 11:17:04 AM

Quant Time: Dec 16 08:14:20 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121620w.M  
 Quant Title : Sw846 8260  
 QLast Update : Wed Dec 16 08:10:37 2020  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) Pentafluorobenzene      | 7.624  | 168  | 548982   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.550  | 114  | 869688   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.380 | 117  | 668341   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.315 | 152  | 355911   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |       |          |          |      |          |
|---------------------------|--------|-------|----------|----------|------|----------|
| 33) 1,2-Dichloroethane-d4 | 7.984  | 65    | 1094100  | 171.73   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 61 - 141 | Recovery | =    | 343.46%# |
| 35) Dibromofluoromethane  | 7.547  | 113   | 942131   | 161.08   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 69 - 133 | Recovery | =    | 322.16%# |
| 50) Toluene-d8            | 10.058 | 98    | 3462747  | 161.10   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 65 - 126 | Recovery | =    | 322.20%# |
| 62) 4-Bromofluorobenzene  | 12.373 | 95    | 1127615  | 150.00   | ug/l | 0.00     |
| Spiked Amount             | 50.000 | Range | 58 - 135 | Recovery | =    | 300.00%# |

## Target Compounds

|                              |       |     |          |         |        | Qvalue |
|------------------------------|-------|-----|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane   | 1.830 | 85  | 770759   | 142.92  | ug/l   | 97     |
| 3) Chloromethane             | 2.033 | 50  | 779696   | 143.65  | ug/l   | 100    |
| 4) Vinyl Chloride            | 2.161 | 62  | 1124796  | 222.58  | ug/l   | 99     |
| 5) Bromomethane              | 2.499 | 94  | 647807   | 199.29  | ug/l   | 98     |
| 6) Chloroethane              | 2.653 | 64  | 598850   | 219.74  | ug/l   | 97     |
| 7) Trichlorofluoromethane    | 2.978 | 101 | 1530339  | 169.44  | ug/l   | 99     |
| 8) Diethyl Ether             | 3.373 | 74  | 595473   | 213.16  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluo... | 3.714 | 101 | 879764   | 177.34  | ug/l   | 96     |
| 10) Methyl Iodide            | 3.907 | 142 | 1306866  | 201.47  | ug/l   | 92     |
| 11) Tert butyl alcohol       | 4.737 | 59  | 714534   | 976.66  | ug/l   | 98     |
| 12) 1,1-Dichloroethene       | 3.695 | 96  | 879443   | 186.07  | ug/l   | 96     |
| 13) Acrolein                 | 3.563 | 56  | 614094   | 1340.87 | ug/l   | 97     |
| 14) Allyl chloride           | 4.274 | 41  | 1411945  | 192.58  | ug/l # | 85     |
| 15) Acrylonitrile            | 4.926 | 53  | 2087432  | 981.78  | ug/l   | 97     |
| 16) Acetone                  | 3.772 | 43  | 1662483  | 774.17  | ug/l   | 90     |
| 17) Carbon Disulfide         | 4.007 | 76  | 2604138  | 197.52  | ug/l   | 98     |
| 18) Methyl Acetate           | 4.270 | 43  | 856387   | 175.48  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether  | 4.991 | 73  | 2818571  | 201.42  | ug/l   | 99     |
| 20) Methylene Chloride       | 4.499 | 84  | 988613   | 153.97  | ug/l   | 95     |
| 21) trans-1,2-Dichloroethene | 4.984 | 96  | 940514   | 185.98  | ug/l   | 99     |
| 22) Diisopropyl ether        | 5.901 | 45  | 2891046  | 191.63  | ug/l   | 96     |
| 23) Vinyl Acetate            | 5.840 | 43  | 11471150 | 899.71  | ug/l # | 94     |
| 24) 1,1-Dichloroethane       | 5.795 | 63  | 1688287  | 178.68  | ug/l   | 99     |
| 25) 2-Butanone               | 6.782 | 43  | 2628313  | 837.51  | ug/l   | 97     |
| 26) 2,2-Dichloropropane      | 6.775 | 77  | 1357417  | 167.54  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene   | 6.778 | 96  | 1069687  | 176.07  | ug/l   | 95     |
| 28) Bromochloromethane       | 7.148 | 49  | 743522   | 169.19  | ug/l   | 95     |
| 29) Tetrahydrofuran          | 7.164 | 42  | 1757132  | 903.36  | ug/l   | 96     |
| 30) Chloroform               | 7.328 | 83  | 1749469  | 172.56  | ug/l   | 98     |
| 31) Cyclohexane              | 7.611 | 56  | 1460995  | 172.72  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane    | 7.528 | 97  | 1568417  | 174.45  | ug/l   | 99     |
| 36) 1,1-Dichloropropene      | 7.749 | 75  | 1332444  | 167.21  | ug/l   | 99     |
| 37) Ethyl Acetate            | 6.878 | 43  | 1137853  | 158.21  | ug/l   | 97     |
| 38) Carbon Tetrachloride     | 7.733 | 117 | 1420481  | 160.69  | ug/l   | 98     |
| 39) Methylcyclohexane        | 9.045 | 83  | 1557678  | 181.34  | ug/l   | 98     |
| 40) Benzene                  | 8.000 | 78  | 3929203  | 163.81  | ug/l   | 100    |
| 41) Methacrylonitrile        | 7.122 | 41  | 484992   | 132.72  | ug/l # | 100    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN121620\  
 Data File : VN065161.D  
 Acq On : 15 Dec 2020 23:41  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

MMDadoda  
 12/22/2020 11:17:04 AM

Quant Time: Dec 16 08:14:20 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121620w.M  
 Quant Title : Sw846 8260  
 QLast Update : Wed Dec 16 08:10:37 2020  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 42) 1,2-Dichloroethane        | 8.084  | 62   | 1355374  | 160.31  | ug/l  | 96       |
| 43) Isopropyl Acetate         | 8.126  | 43   | 1917546  | 159.67  | ug/l  | 97       |
| 44) Trichloroethene           | 8.801  | 130  | 1053329  | 147.72  | ug/l  | 98       |
| 45) 1,2-Dichloropropane       | 9.084  | 63   | 1014098  | 155.68  | ug/l  | 99       |
| 46) Dibromomethane            | 9.174  | 93   | 688618   | 156.55  | ug/l  | 98       |
| 47) Bromodichloromethane      | 9.370  | 83   | 1423360  | 160.79  | ug/l  | 99       |
| 48) Methyl methacrylate       | 9.164  | 41   | 924283   | 166.42  | ug/l  | 91       |
| 49) 1,4-Dioxane               | 9.167  | 88   | 336495   | 3488.31 | ug/l  | 94       |
| 51) 4-Methyl-2-Pentanone      | 9.952  | 43   | 5400095  | 791.05  | ug/l  | 100      |
| 52) Toluene                   | 10.122 | 92   | 2492165  | 164.20  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene     | 10.351 | 75   | 1558985  | 172.60  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene   | 9.807  | 75   | 1672036  | 168.61  | ug/l  | 96       |
| 55) 1,1,2-Trichloroethane     | 10.531 | 97   | 937798   | 155.84  | ug/l  | 97       |
| 56) Ethyl methacrylate        | 10.399 | 69   | 1437727  | 188.10  | ug/l  | 93       |
| 57) 1,3-Dichloropropane       | 10.675 | 76   | 1553403  | 157.49  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.663  | 63   | 3394347  | 872.03  | ug/l  | 100      |
| 59) 2-Hexanone                | 10.720 | 43   | 3686238  | 769.68  | ug/l  | 95       |
| 60) Dibromochloromethane      | 10.871 | 129  | 981255   | 139.79  | ug/l  | 99       |
| 61) 1,2-Dibromoethane         | 10.974 | 107  | 845511   | 134.69  | ug/l  | 99       |
| 64) Tetrachloroethene         | 10.601 | 164  | 969094   | 151.34  | ug/l  | 97       |
| 65) Chlorobenzene             | 11.405 | 112  | 2226671  | 157.52  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane | 11.479 | 131  | 867705   | 155.55  | ug/l  | 99       |
| 67) Ethyl Benzene             | 11.482 | 91   | 3966410  | 168.74  | ug/l  | 98       |
| 68) m/p-Xylenes               | 11.592 | 106  | 3154250  | 344.38  | ug/l  | 97       |
| 69) o-Xylene                  | 11.920 | 106  | 1504900  | 175.95  | ug/l  | 97       |
| 70) Styrene                   | 11.936 | 104  | 2642769  | 189.65  | ug/l  | 98       |
| 71) Bromoform                 | 12.100 | 173  | 701072   | 158.72  | ug/l  | 100      |
| 73) Isopropylbenzene          | 12.222 | 105  | 4050227  | 172.41  | ug/l  | 100      |
| 74) N-ethyl acetate           | 12.042 | 43   | 1565864  | 175.59  | ug/l  | 93       |
| 75) 1,1,2,2-Tetrachloroethane | 12.476 | 83   | 1131777  | 159.26  | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane    | 12.527 | 75   | 1003579m | 151.21  | ug/l  |          |
| 77) Bromobenzene              | 12.498 | 156  | 1017578  | 155.58  | ug/l  | 96       |
| 78) n-propylbenzene           | 12.563 | 91   | 4610758  | 173.33  | ug/l  | 99       |
| 79) 2-Chlorotoluene           | 12.646 | 91   | 2812397  | 170.42  | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene    | 12.704 | 105  | 3569825  | 182.27  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.273 | 75   | 407112   | 175.15  | ug/l  | 92       |
| 82) 4-Chlorotoluene           | 12.746 | 91   | 2989399  | 178.63  | ug/l  | 99       |
| 83) tert-Butylbenzene         | 12.968 | 119  | 2991440  | 183.43  | ug/l  | 95       |
| 84) 1,2,4-Trimethylbenzene    | 13.013 | 105  | 3589854  | 182.15  | ug/l  | 99       |
| 85) sec-Butylbenzene          | 13.145 | 105  | 3972183  | 187.81  | ug/l  | 99       |
| 86) p-Isopropyltoluene        | 13.260 | 119  | 3758576  | 194.15  | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene       | 13.254 | 146  | 1885045  | 161.47  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene       | 13.338 | 146  | 1846348  | 154.36  | ug/l  | 99       |
| 89) n-Butylbenzene            | 13.588 | 91   | 3177325  | 196.94  | ug/l  | 99       |
| 90) Hexachloroethane          | 13.846 | 117  | 676445   | 180.28  | ug/l  | 91       |
| 91) 1,2-Dichlorobenzene       | 13.627 | 146  | 1788748  | 159.67  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.241 | 75   | 244785   | 174.78  | ug/l  | 91       |
| 93) 1,2,4-Trichlorobenzene    | 14.881 | 180  | 978644   | 183.87  | ug/l  | 98       |
| 94) Hexachlorobutadiene       | 14.981 | 225  | 496151   | 137.88  | ug/l  | 99       |
| 95) Naphthalene               | 15.100 | 128  | 2886537  | 206.21  | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.280 | 180  | 910386   | 184.70  | ug/l  | 99       |

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

**Instrument :**

MSVOA\_N

**ClientSampleId :**

VSTDICC150

**Manual Integrations**

**APPROVED**

MMDadoda

12/22/2020 11:17:04 AM

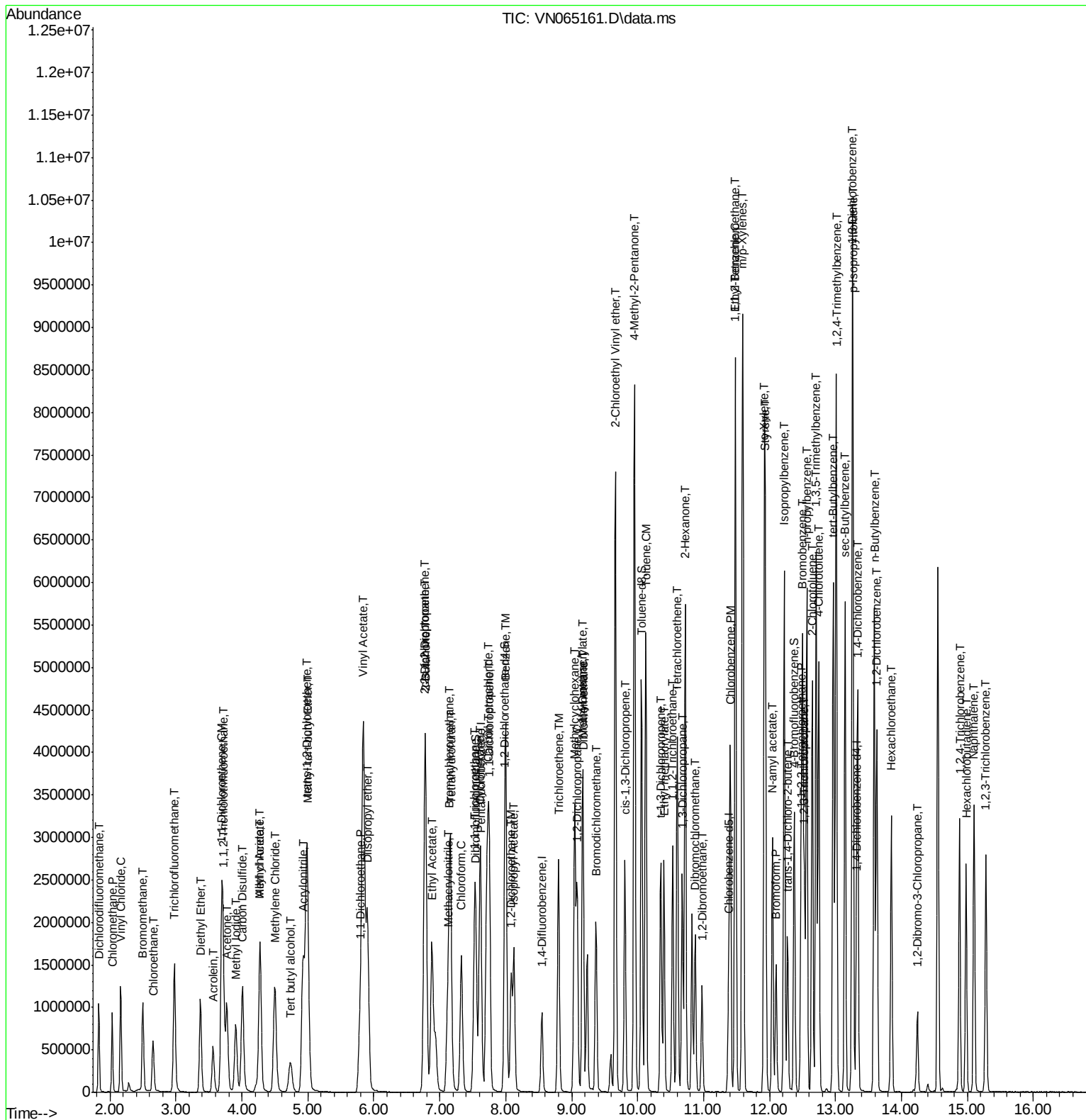
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 Data File : VN065161.D  
 Acq On : 15 Dec 2020 23:41  
 Operator : JC/MD  
 Sample : VSTDICC150  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

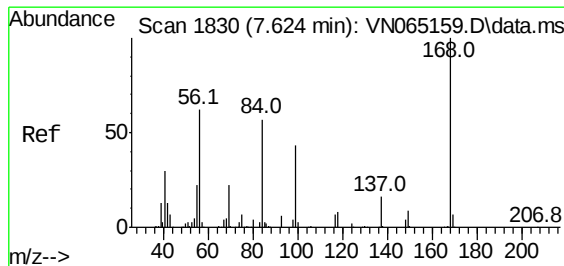
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

MMDadoda  
 12/22/2020 11:17:04 AM

Quant Time: Dec 16 08:14:20 2020  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N121620W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 16 08:10:37 2020  
 Response via : Initial Calibration





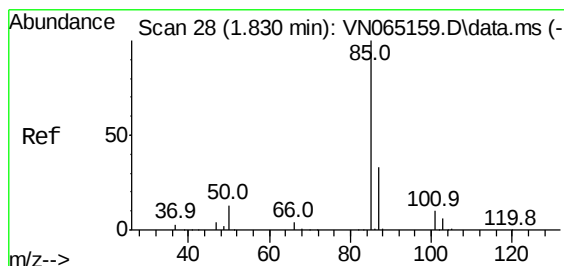
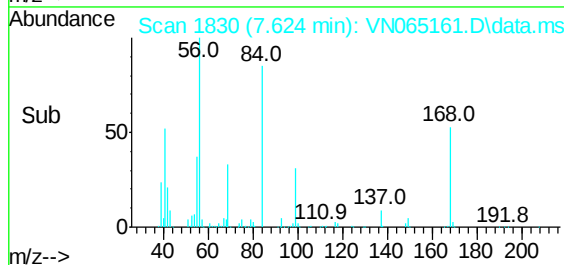
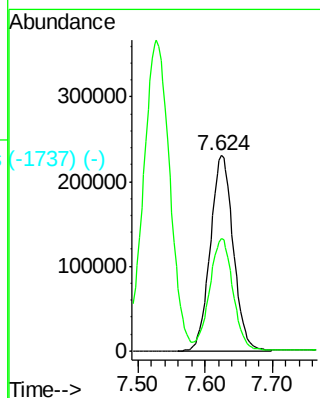
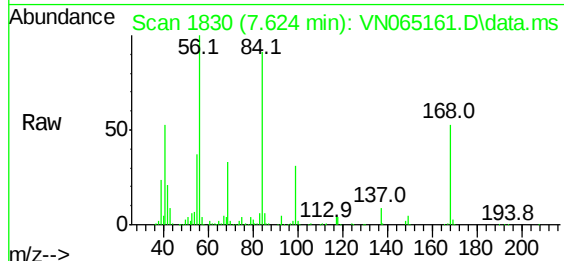
Pentfluorobenzene  
Concen: 50.00 ug/l  
RT: 7.624 min Scan# 1830  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion:168 Resp: 548982  
Ion Ratio Lower Upper  
168 100  
99 57.2 42.4 63.6

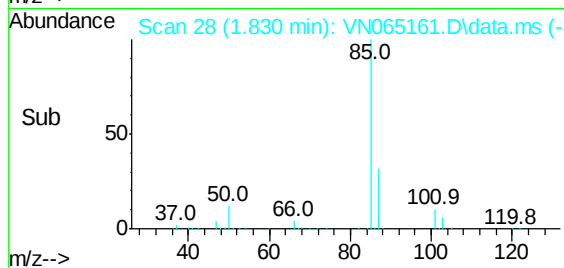
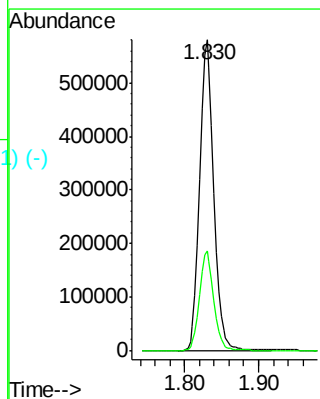
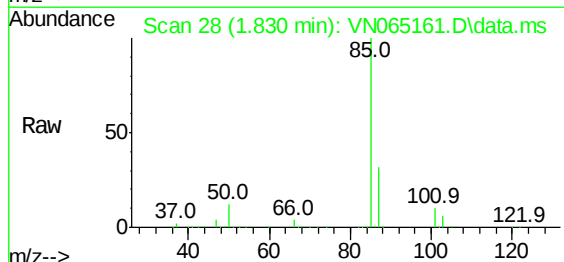
Manual Integrations  
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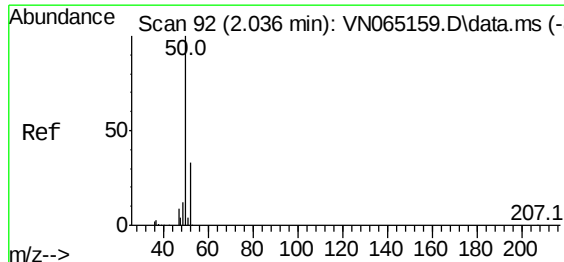
MMDadoda  
12/22/2020 11:17:04 AM



Dichlorodifluoromethane  
Concen: 142.92 ug/l  
RT: 1.830 min Scan# 28  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 85 Resp: 770759  
Ion Ratio Lower Upper  
85 100  
87 31.9 16.7 50.1





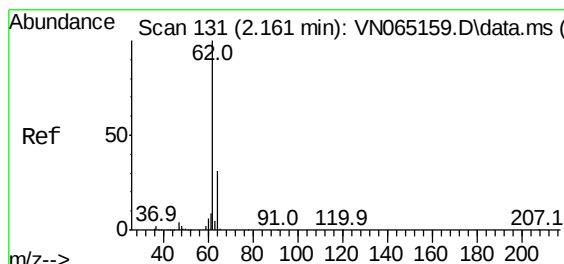
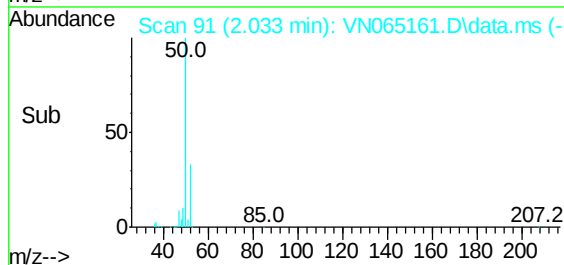
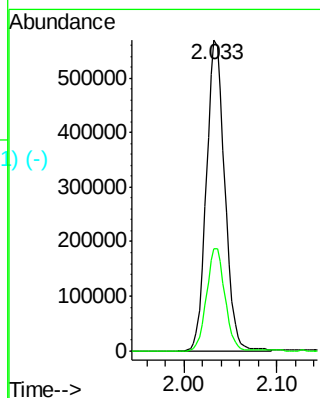
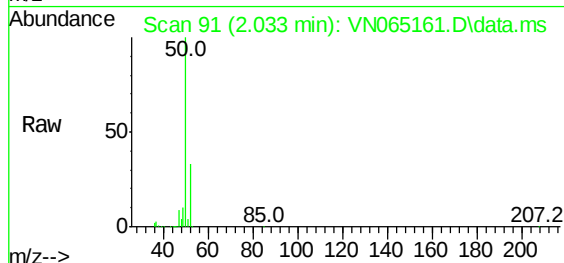
Chloromethane  
Concen: 143.65 ug/l  
RT: 2.033 min Scan# 91  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 50 Resp: 779696  
Ion Ratio Lower Upper  
50 100  
52 33.0 26.3 39.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

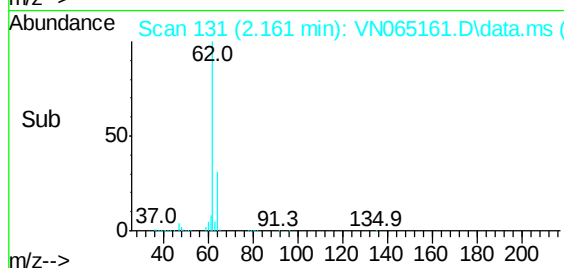
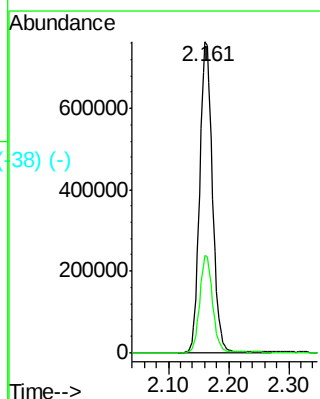
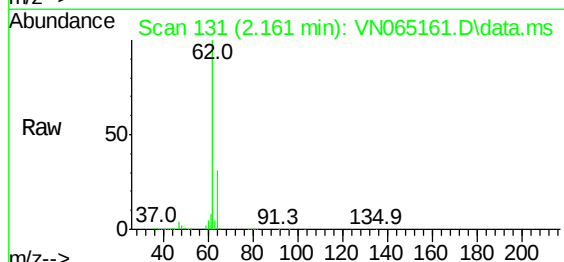
Manual Integrations  
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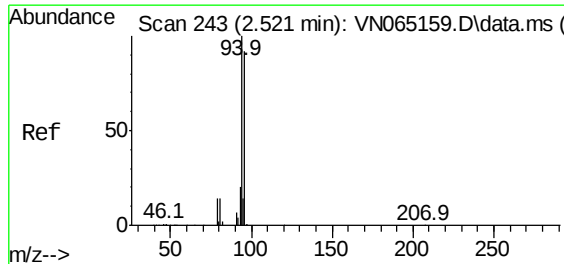
MMDadoda  
12/22/2020 11:17:04 AM



Vinyl Chloride  
Concen: 222.58 ug/l  
RT: 2.161 min Scan# 131  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 62 Resp: 1124796  
Ion Ratio Lower Upper  
62 100  
64 31.1 24.6 36.8





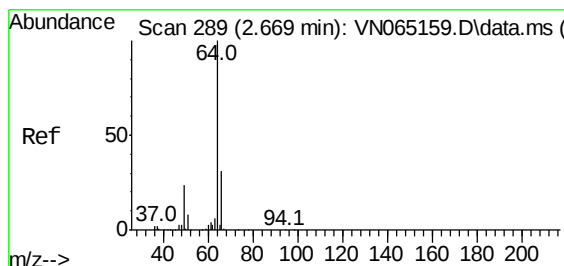
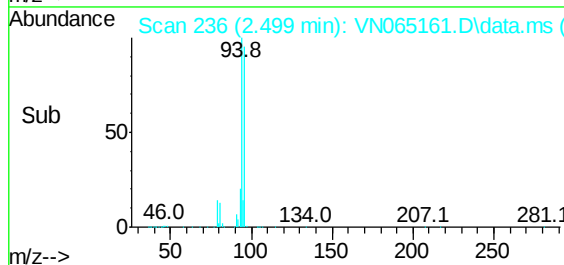
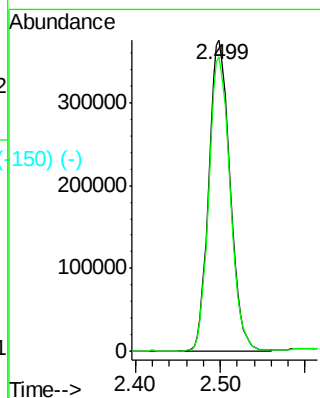
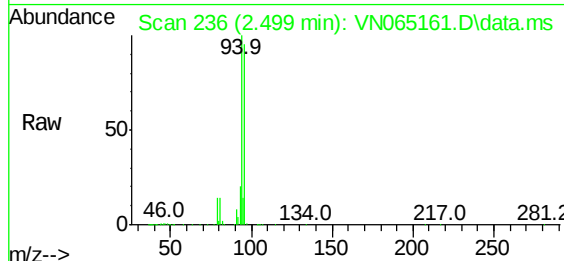
Bromomethane  
Concen: 199.29 ug/l  
RT: 2.499 min Scan# 236  
Delta R.T. -0.022 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 94 Resp: 647807  
Ion Ratio Lower Upper  
94 100  
96 94.6 74.0 111.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

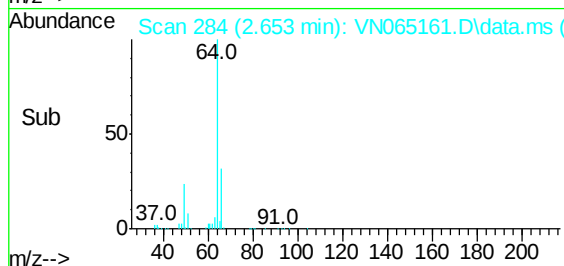
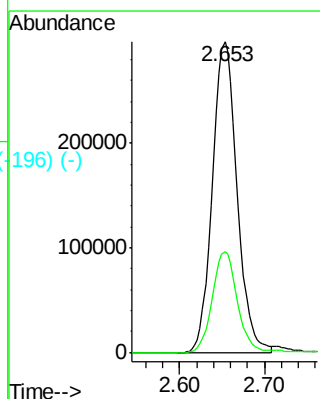
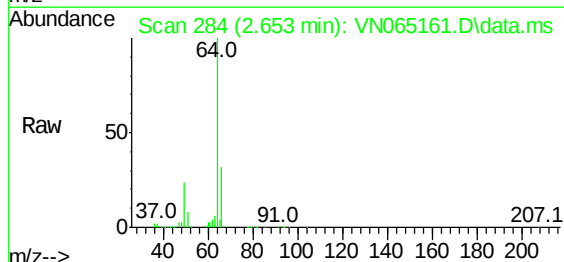
Manual Integrations  
APPROVED

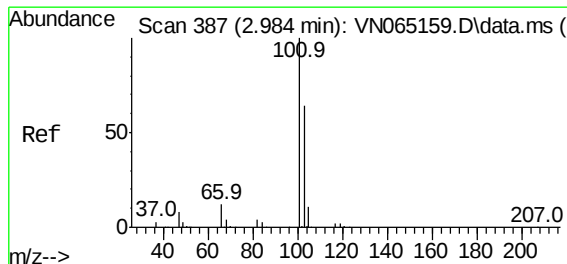
MMDadoda  
12/22/2020 11:17:04 AM



Chloroethane  
Concen: 219.74 ug/l  
RT: 2.653 min Scan# 284  
Delta R.T. -0.016 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 64 Resp: 598850  
Ion Ratio Lower Upper  
64 100  
66 32.4 24.8 37.2





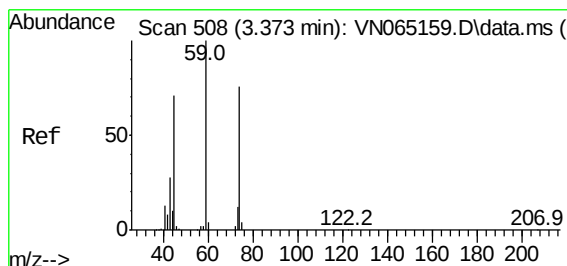
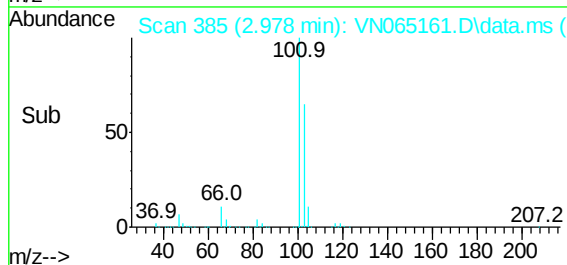
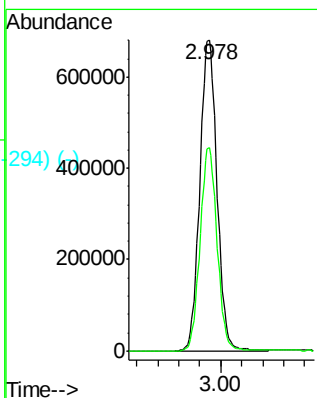
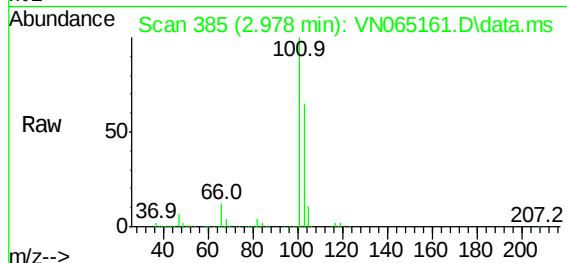
Trichlorofluoromethane  
Concen: 169.44 ug/l  
RT: 2.978 min Scan# 385  
Delta R.T. -0.006 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 101 Resp: 1530339  
Ion Ratio Lower Upper  
101 100  
103 65.4 51.4 77.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

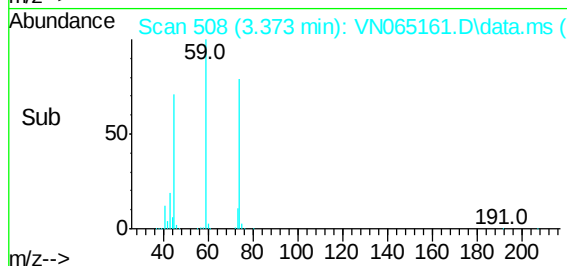
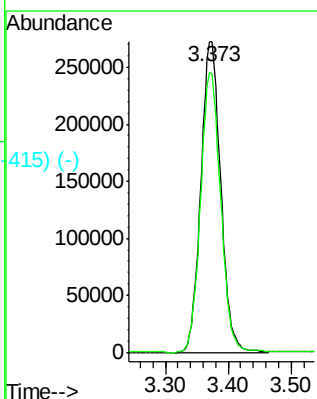
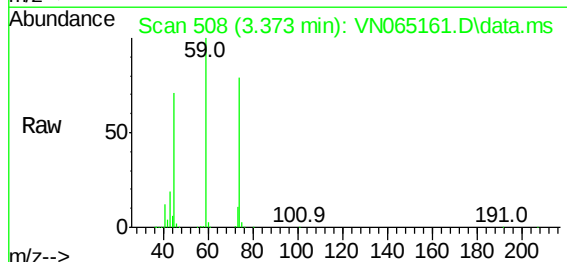
Manual Integrations  
APPROVED

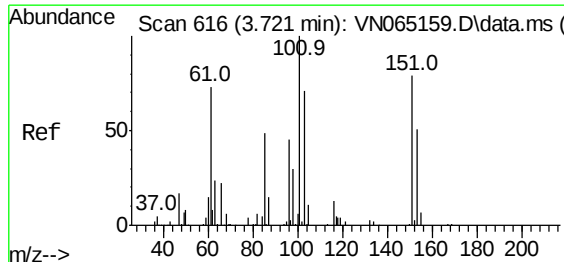
MMDadoda  
12/22/2020 11:17:04 AM



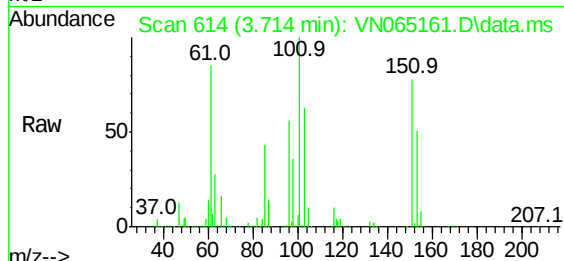
Diethyl Ether  
Concen: 213.16 ug/l  
RT: 3.373 min Scan# 508  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 74 Resp: 595473  
Ion Ratio Lower Upper  
74 100  
45 91.6 46.0 137.8

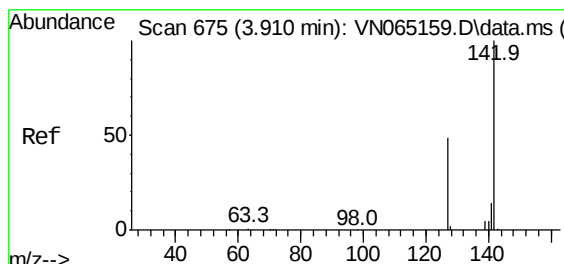
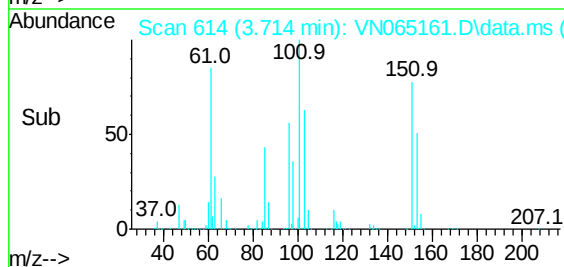
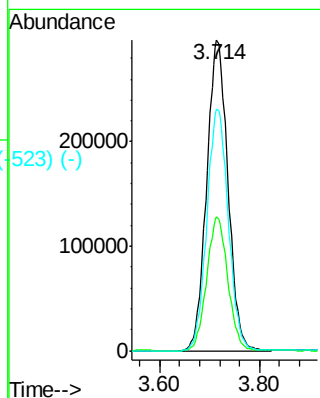




Scan 616 (3.721 min): VN065159.D\data.ms (-549) (-)  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 177.34 ug/l  
 RT: 3.714 min Scan# 614  
 Delta R.T. -0.006 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

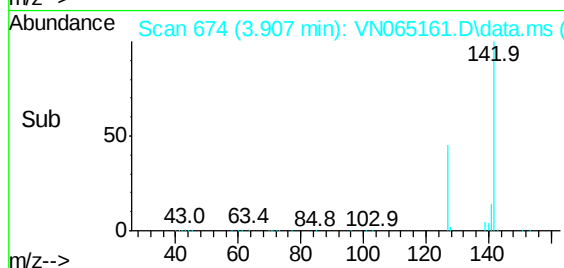
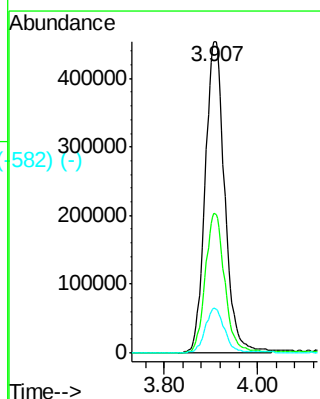
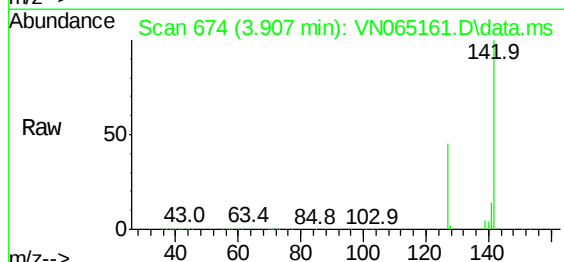


Tgt Ion:101 Resp: 879764  
 Ion Ratio Lower Upper  
 101 100  
 85 42.9 37.0 55.4  
 151 78.8 61.1 91.7



Scan 675 (3.910 min): VN065159.D\data.ms (-654) (-)  
 Methyl Iodide  
 Concen: 201.47 ug/l  
 RT: 3.907 min Scan# 674  
 Delta R.T. -0.003 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

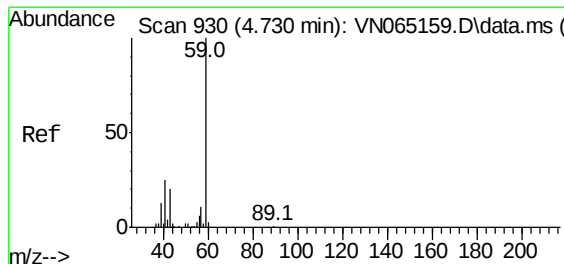
Tgt Ion:142 Resp: 1306866  
 Ion Ratio Lower Upper  
 142 100  
 127 44.4 40.6 61.0  
 141 14.0 11.9 17.9



Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

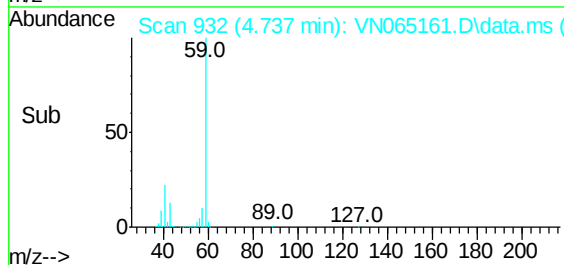
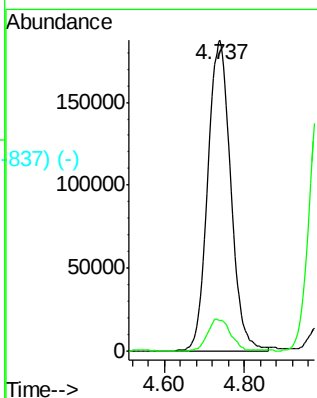
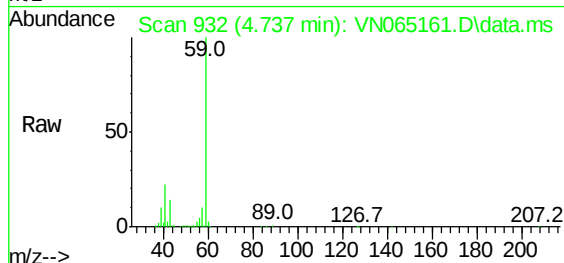
Manual Integrations  
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Tert butyl alcohol  
 Concen: 976.66 ug/l  
 RT: 4.737 min Scan# 932  
 Delta R.T. 0.006 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

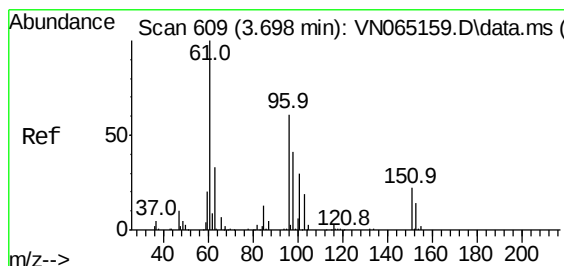
Tgt Ion: 59 Resp: 714534  
 Ion Ratio Lower Upper  
 59 100  
 57 10.2 8.8 13.2



Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

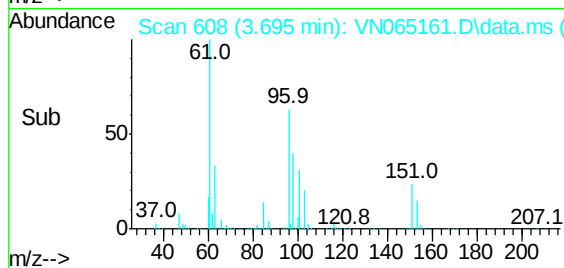
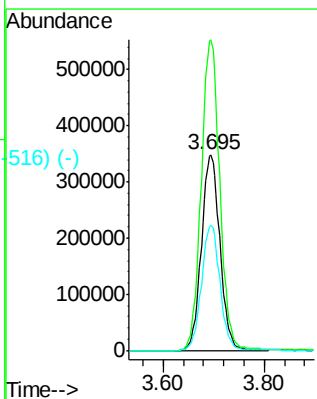
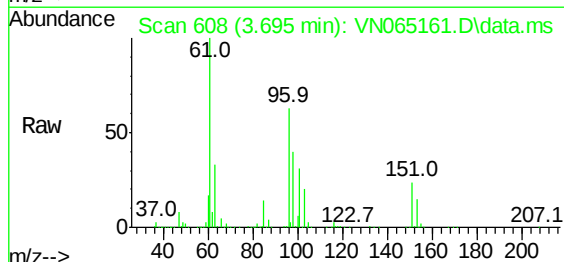
Manual Integrations  
 APPROVED

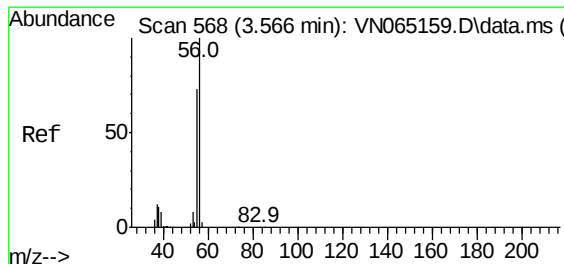
MMDadoda  
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1,1-Dichloroethene  
 Concen: 186.07 ug/l  
 RT: 3.695 min Scan# 608  
 Delta R.T. -0.003 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

Tgt Ion: 96 Resp: 879443  
 Ion Ratio Lower Upper  
 96 100  
 61 158.8 131.2 196.8  
 98 63.9 53.5 80.3





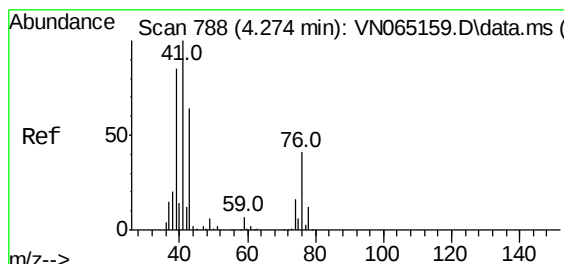
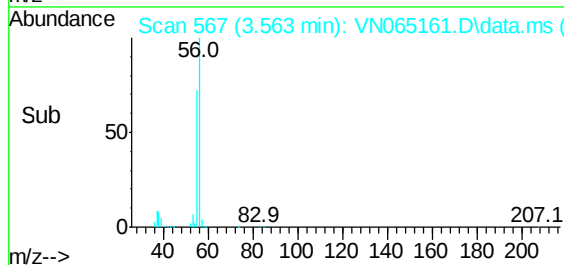
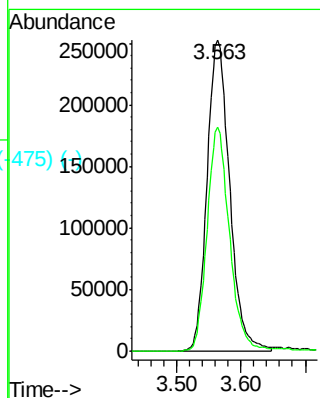
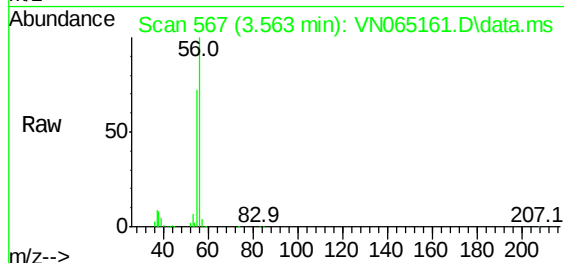
Acrolein  
Concen: 1340.87 ug/l  
RT: 3.563 min Scan# 567  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 56 Resp: 614094  
Ion Ratio Lower Upper  
56 100  
55 71.3 59.2 88.8

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

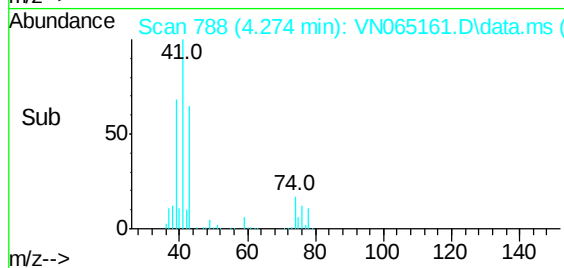
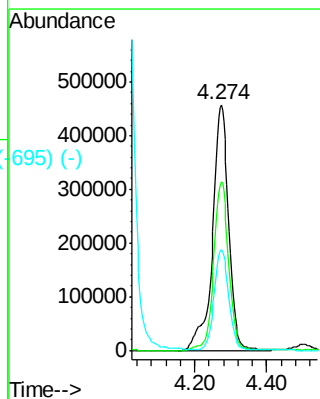
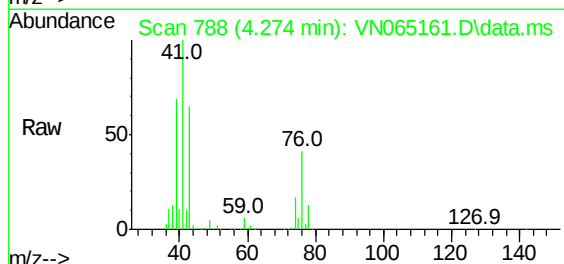
Manual Integrations  
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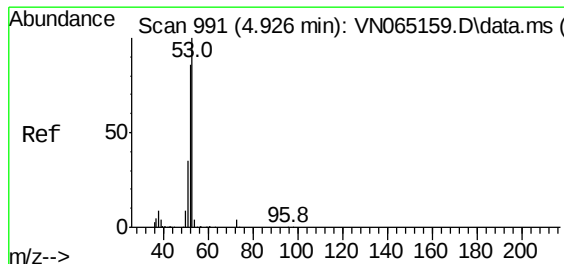
MMDadoda  
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Allyl chloride  
Concen: 192.58 ug/l  
RT: 4.274 min Scan# 788  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 41 Resp: 1411945  
Ion Ratio Lower Upper  
41 100  
39 64.2 66.6 99.8#  
76 36.7 30.0 45.0



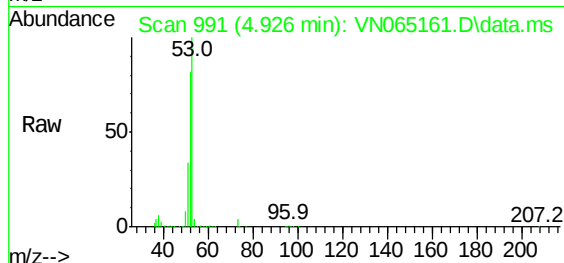


Acrylonitrile  
Concen: 981.78 ug/l  
RT: 4.926 min Scan# 991  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

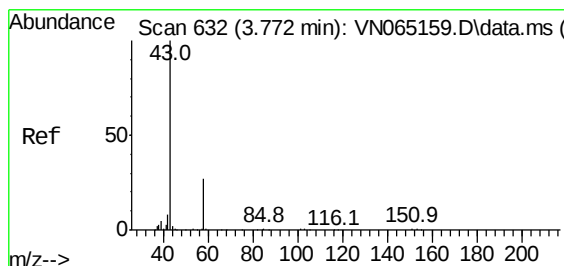
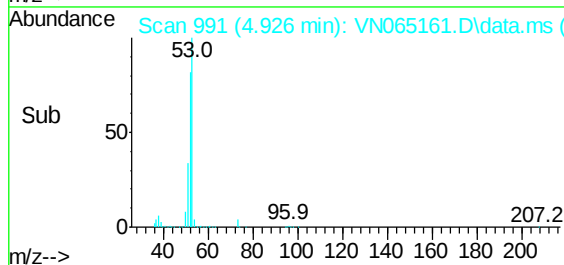
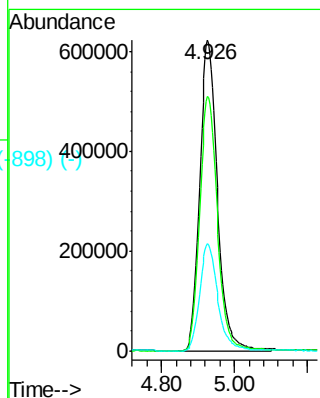
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Tgt Ion: 53 Resp: 2087432

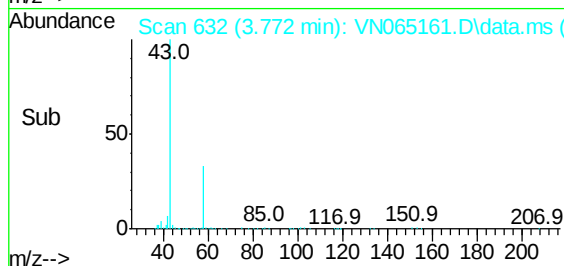
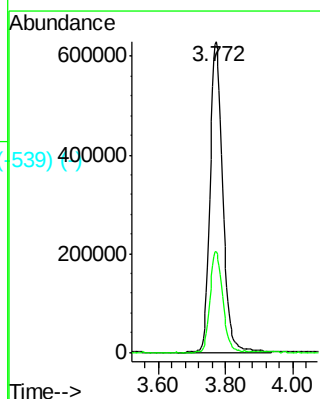
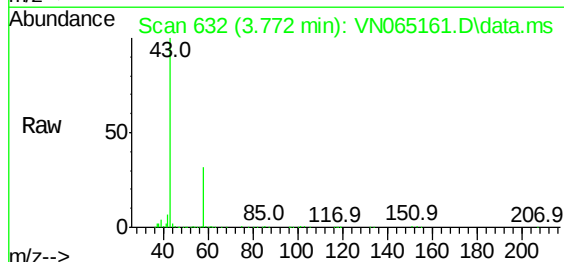
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 81.9  | 67.3  | 100.9 |
| 51  | 35.4  | 30.2  | 45.2  |

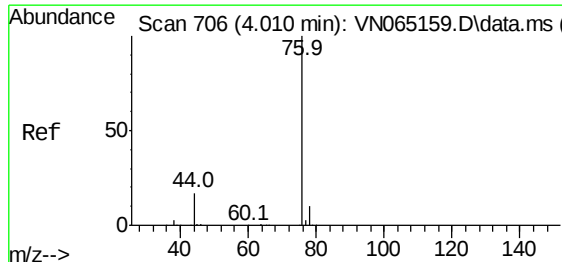


Acetone  
Concen: 774.17 ug/l  
RT: 3.772 min Scan# 632  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 43 Resp: 1662483

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 32.4  | 21.9  | 32.9  |





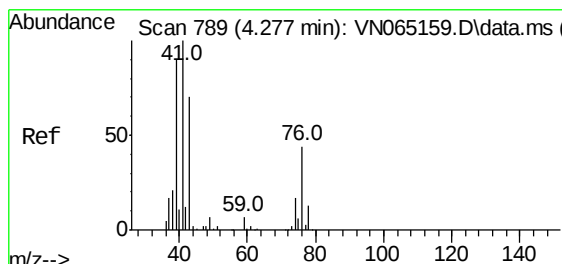
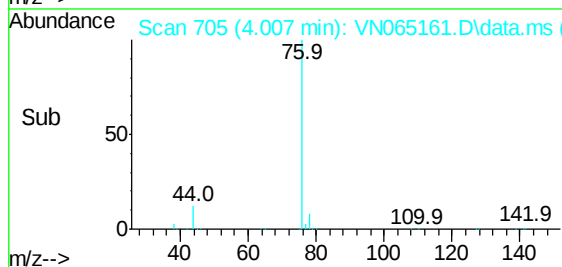
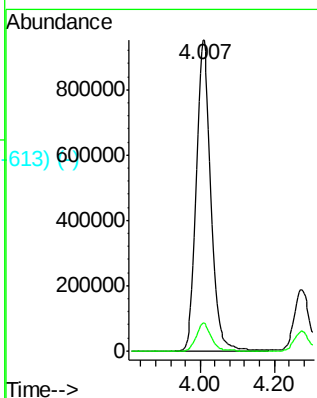
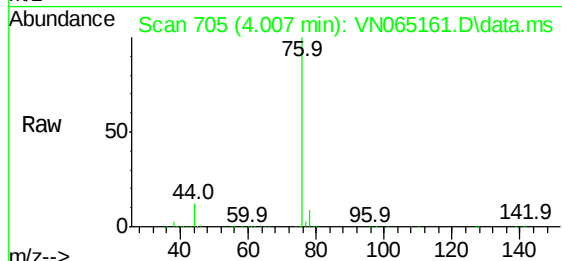
Carbon Disulfide  
Concen: 197.52 ug/l  
RT: 4.007 min Scan# 705  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 76 Resp: 2604138  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.7 11.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

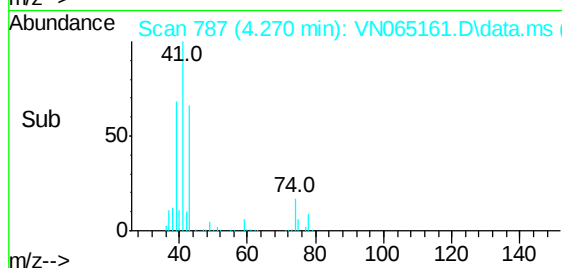
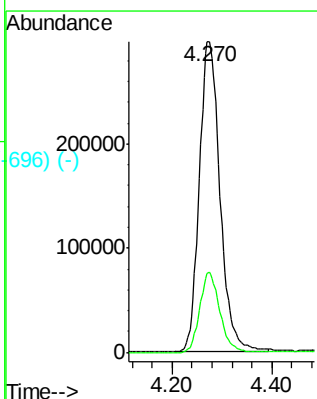
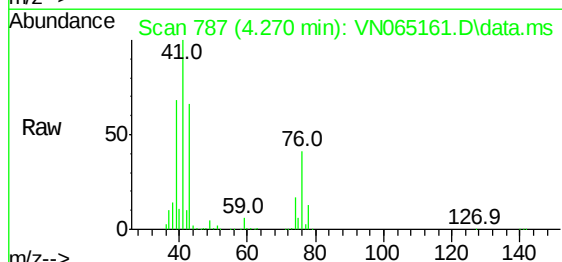
Manual Integrations  
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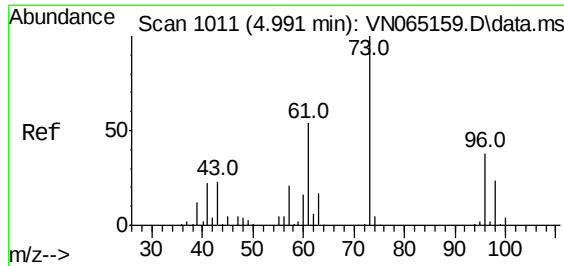
MMDadoda  
12/22/2020 11:17:04 AM



Methyl Acetate  
Concen: 175.48 ug/l  
RT: 4.270 min Scan# 787  
Delta R.T. -0.006 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 43 Resp: 856387  
Ion Ratio Lower Upper  
43 100  
74 25.0 20.6 31.0





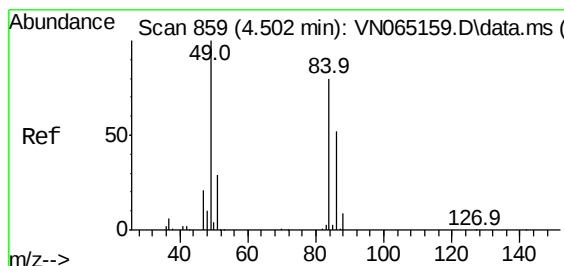
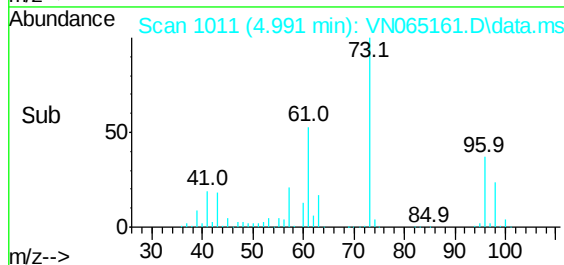
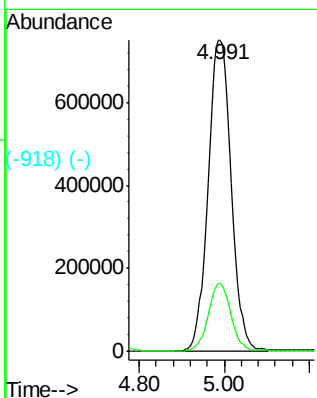
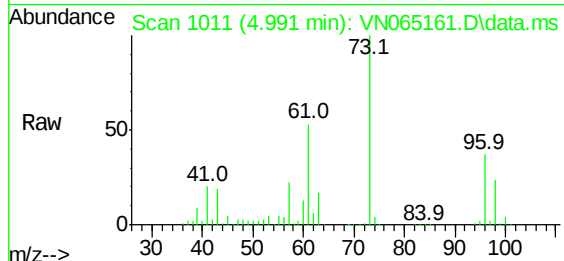
Methyl tert-butyl Ether  
Concen: 201.42 ug/l  
RT: 4.991 min Scan# 1011  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 73 Resp: 2818571  
Ion Ratio Lower Upper  
73 100  
57 21.8 16.9 25.3

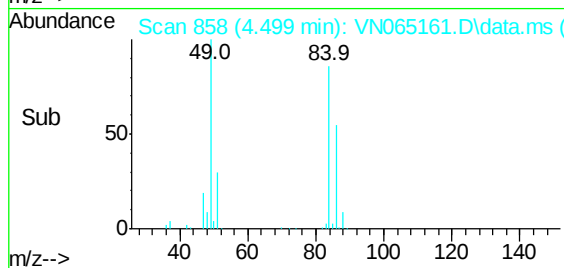
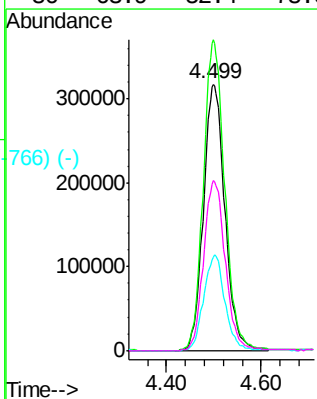
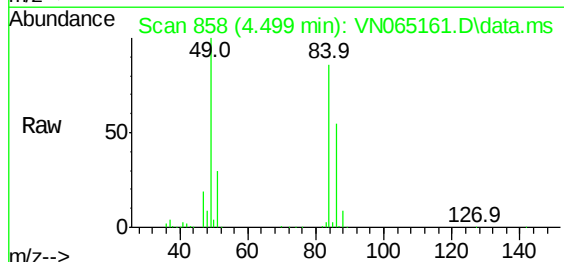
Manual Integrations  
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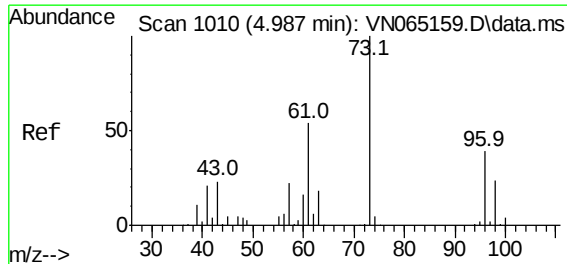
MMDadoda  
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Methylene Chloride  
Concen: 153.97 ug/l  
RT: 4.499 min Scan# 858  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 84 Resp: 988613  
Ion Ratio Lower Upper  
84 100  
49 116.6 100.2 150.4  
51 35.2 29.5 44.3  
86 63.9 52.4 78.6





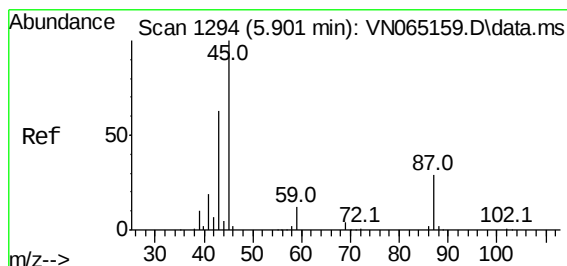
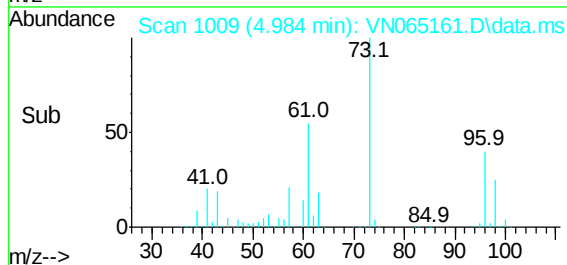
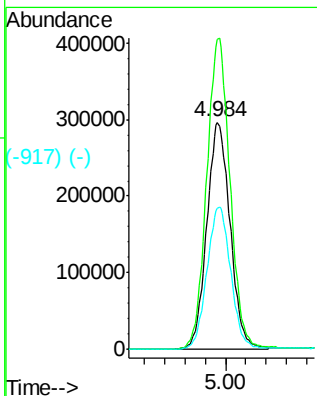
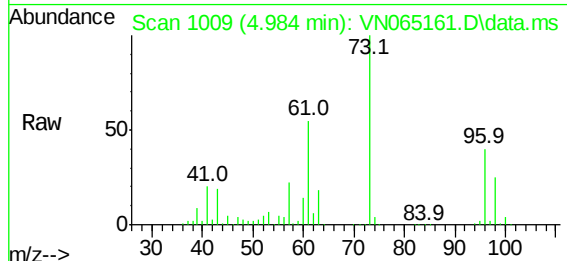
(-99) (-)  
trans-1,2-Dichloroethene  
Concen: 185.98 ug/l  
RT: 4.984 min Scan# 1009  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 96 Resp: 940514  
Ion Ratio Lower Upper  
96 100  
61 136.8 111.1 166.7  
98 62.1 50.2 75.2

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

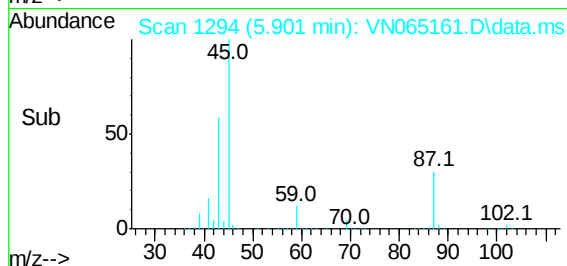
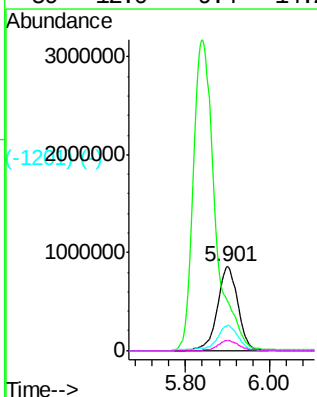
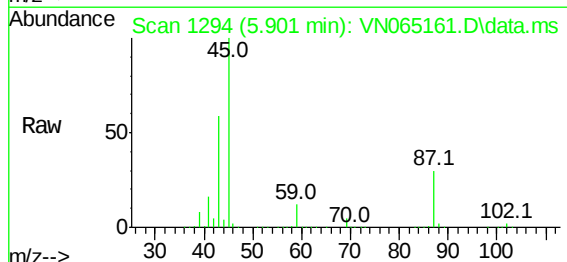
Manual Integrations  
APPROVED

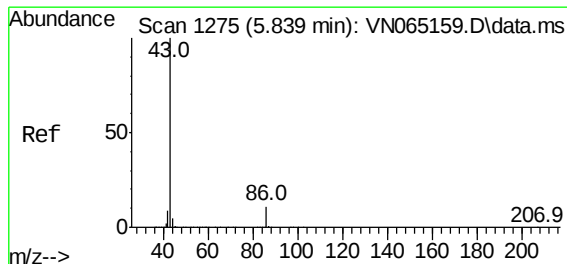
MMDadoda  
12/22/2020 11:17:04 AM



(-126) (-)  
Diisopropyl ether  
Concen: 191.63 ug/l  
RT: 5.901 min Scan# 1294  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 45 Resp: 2891046  
Ion Ratio Lower Upper  
45 100  
43 58.4 50.3 75.5  
87 29.6 23.8 35.8  
59 12.0 9.4 14.2



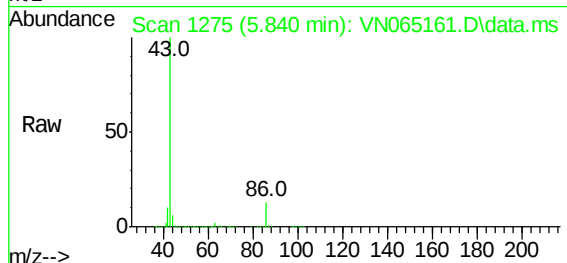


#229 (-)  
Vinyl Acetate  
Concen: 899.71 ug/l  
RT: 5.840 min Scan# 1275  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

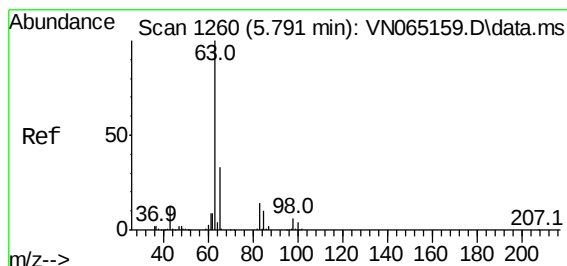
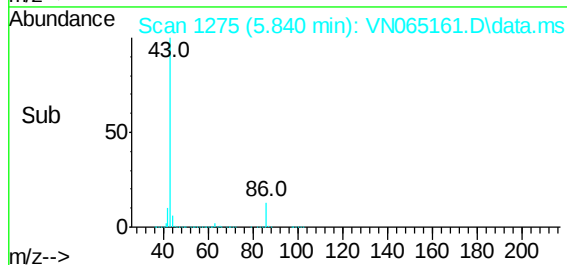
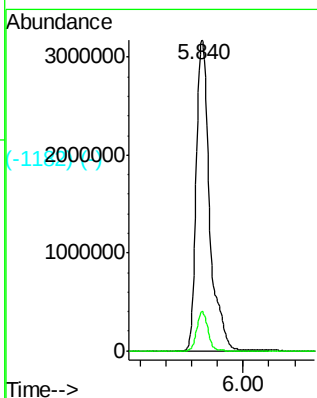
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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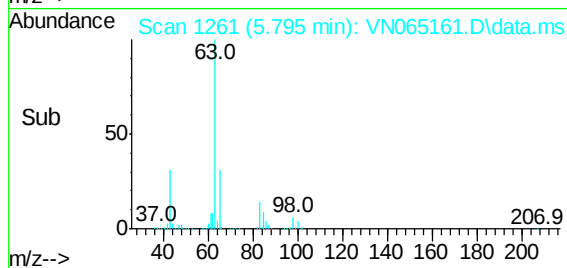
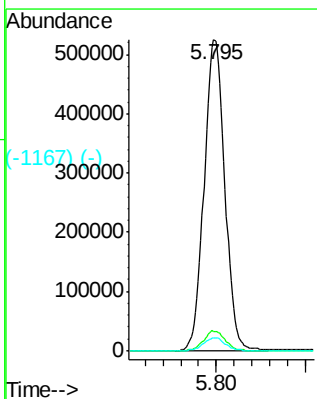
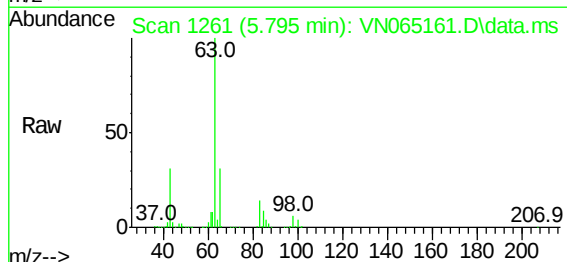


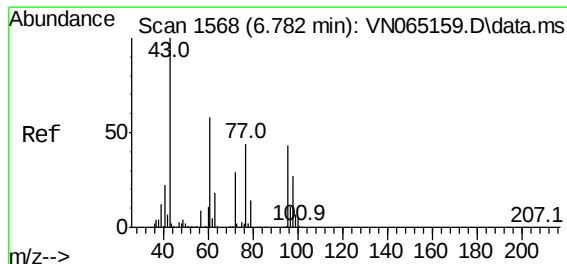
Tgt Ion: 43 Resp:11471150  
Ion Ratio Lower Upper  
43 100  
86 12.7 8.4 12.6#



#235 (-)  
1,1-Dichloroethane  
Concen: 178.68 ug/l  
RT: 5.795 min Scan# 1261  
Delta R.T. 0.003 min  
Lab File: VN065161.D  
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Tgt Ion: 63 Resp: 1688287  
Ion Ratio Lower Upper  
63 100  
98 6.3 2.9 8.7  
100 4.0 2.1 6.2





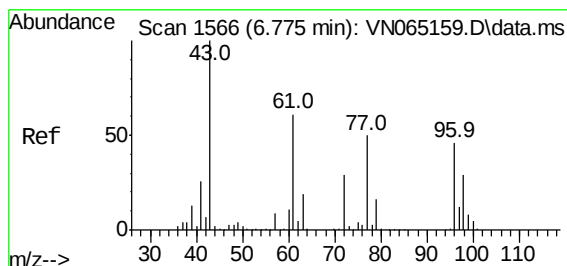
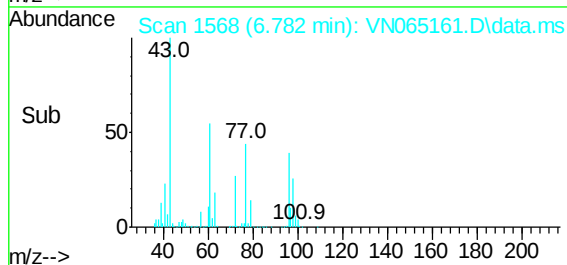
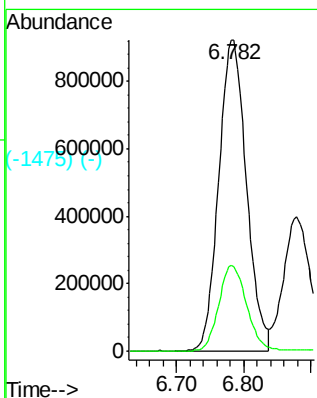
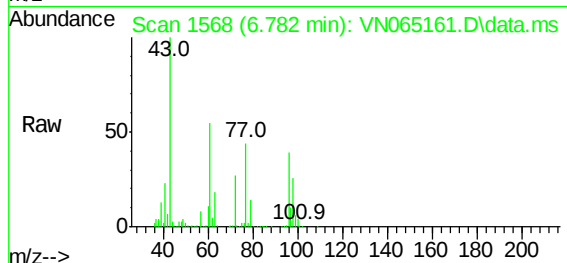
#156 (-)  
2-Butanone  
Concen: 837.51 ug/l  
RT: 6.782 min Scan# 1568  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
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Tgt Ion: 43 Resp: 2628313  
Ion Ratio Lower Upper  
43 100  
72 27.4 23.1 34.7

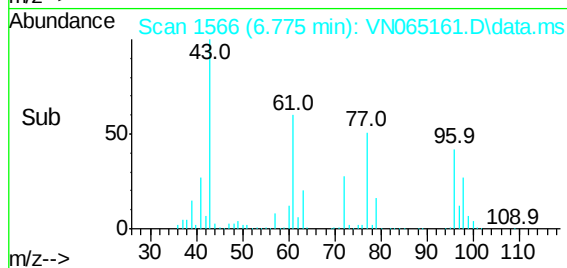
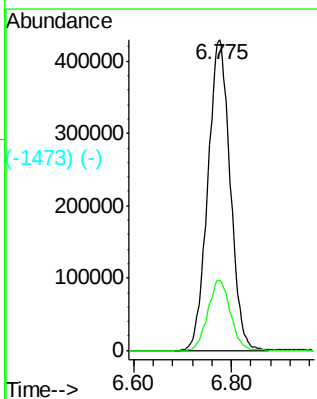
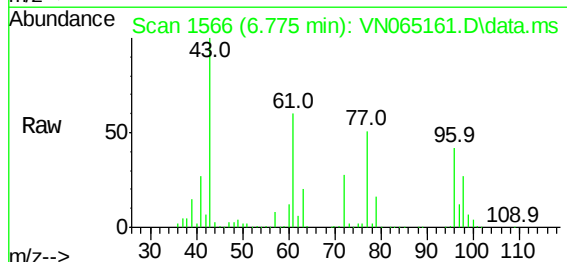
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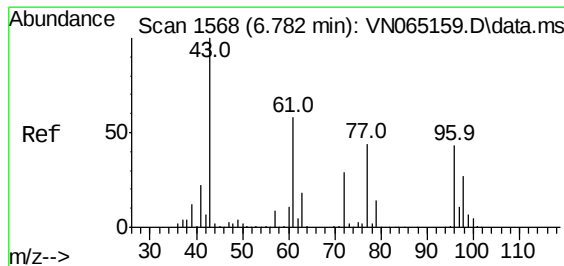
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#1561 (-)  
2,2-Dichloropropane  
Concen: 167.54 ug/l  
RT: 6.775 min Scan# 1566  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 77 Resp: 1357417  
Ion Ratio Lower Upper  
77 100  
97 22.8 11.9 35.9





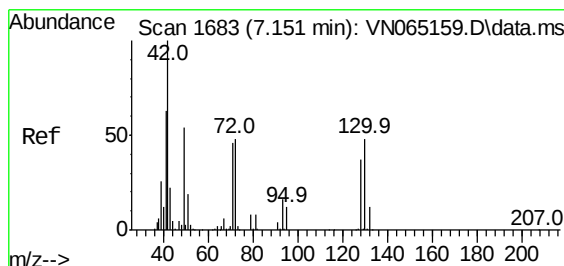
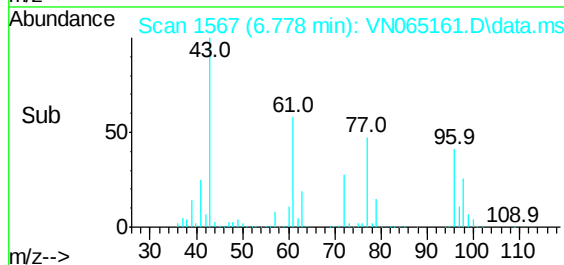
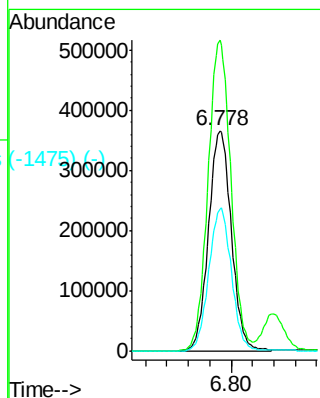
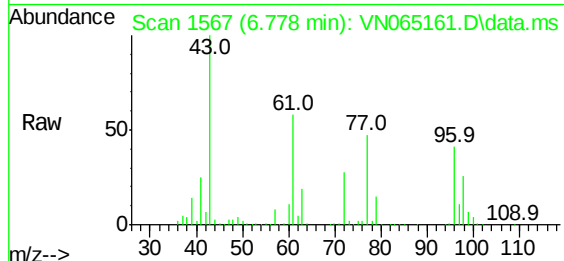
#174 (-)  
cis-1,2-Dichloroethene  
Concen: 176.07 ug/l  
RT: 6.778 min Scan# 1567  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Tgt Ion: 96 Resp: 1069687  
Ion Ratio Lower Upper  
96 100  
61 141.6 0.0 267.8  
98 64.6 0.0 128.0

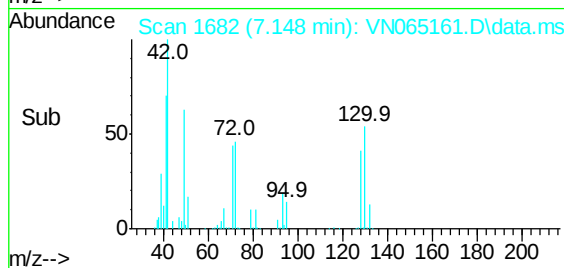
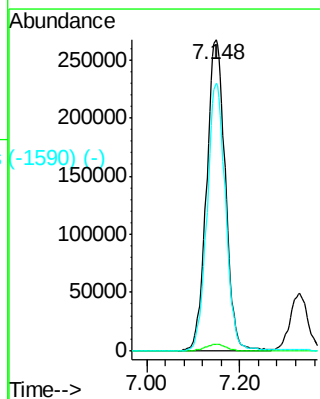
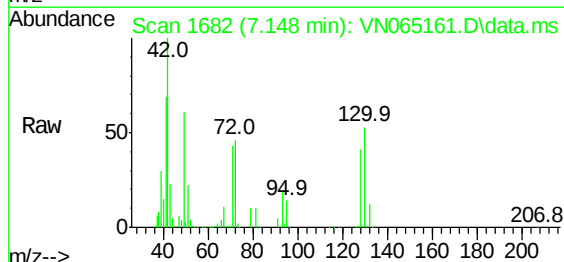
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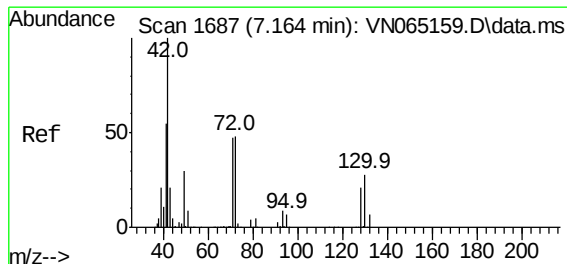
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#180 (-)  
Bromochloromethane  
Concen: 169.19 ug/l  
RT: 7.148 min Scan# 1682  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

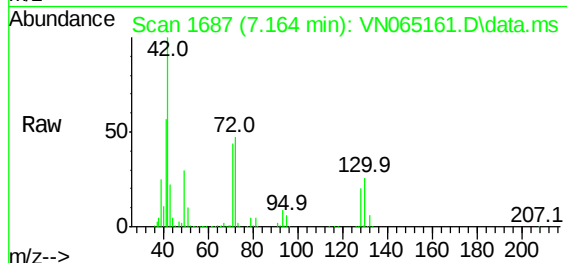
Tgt Ion: 49 Resp: 743522  
Ion Ratio Lower Upper  
49 100  
129 2.0 0.0 2.2  
130 83.9 71.2 106.8





#260 (-)  
Tetrahydrofuran  
Concen: 903.36 ug/l  
RT: 7.164 min Scan# 1687  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

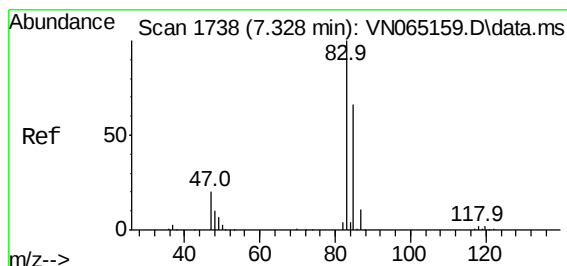
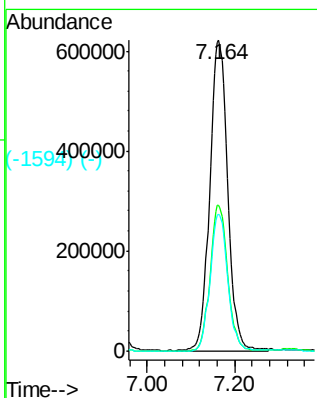
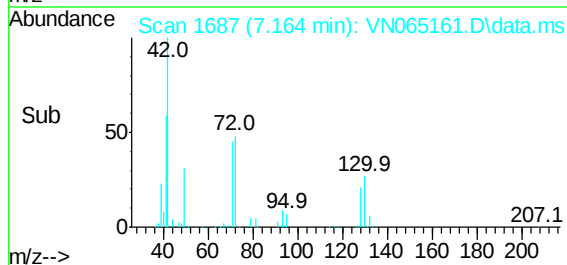
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



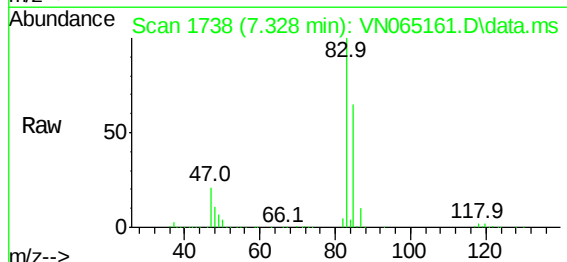
Tgt Ion: 42 Resp: 1757132  
Ion Ratio Lower Upper  
42 100  
72 45.7 39.0 58.4  
71 43.4 37.0 55.4

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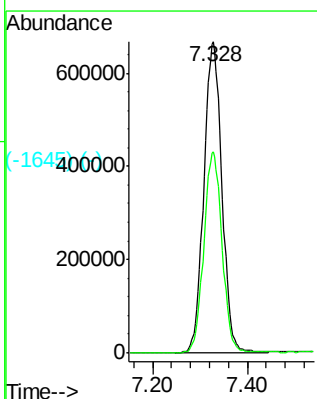
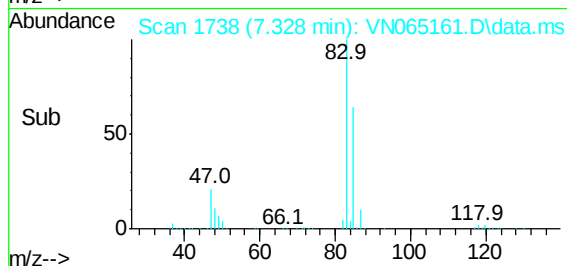
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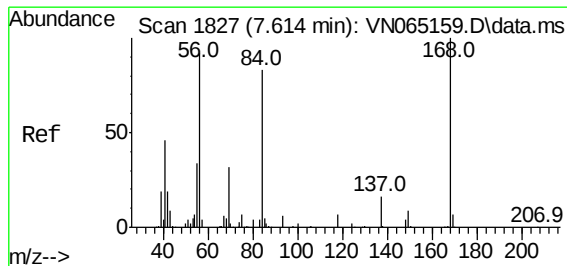


#261 (-)  
Chloroform  
Concen: 172.56 ug/l  
RT: 7.328 min Scan# 1738  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



Tgt Ion: 83 Resp: 1749469  
Ion Ratio Lower Upper  
83 100  
85 64.5 52.6 78.8



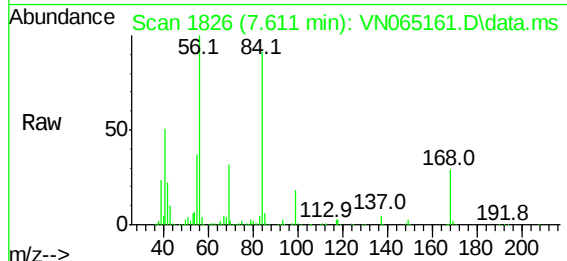


#182 (-)  
Cyclohexane  
Concen: 172.72 ug/l  
RT: 7.611 min Scan# 1826  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

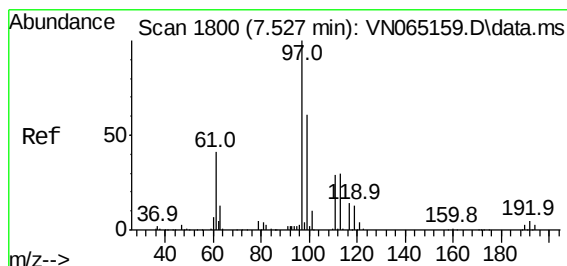
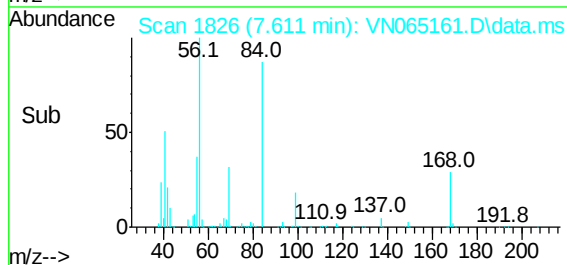
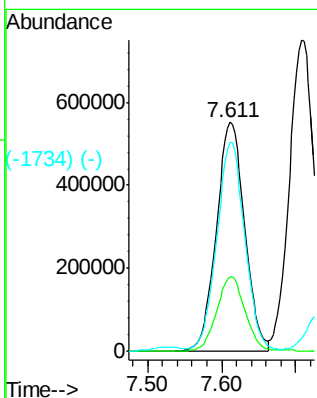
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Tgt Ion: 56 Resp: 1460995

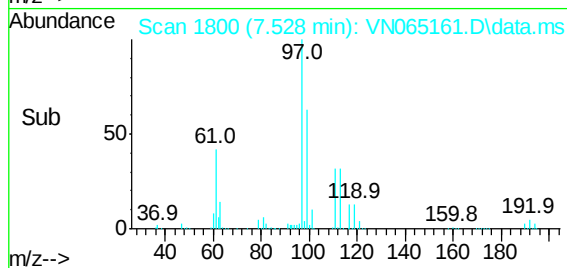
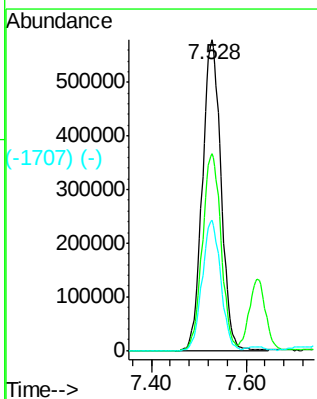
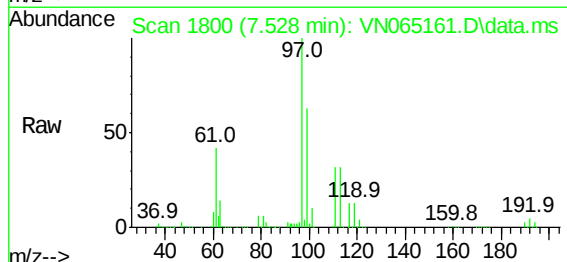
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 32.3  | 28.1  | 42.1  |
| 84  | 89.6  | 72.0  | 108.0 |

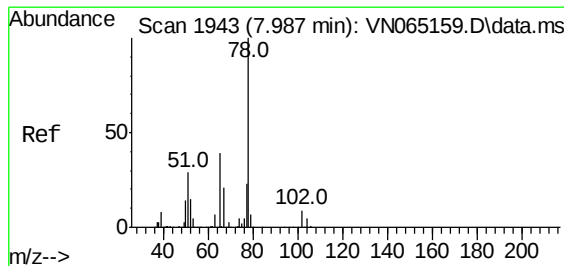


#180 (-)  
1,1,1-Trichloroethane  
Concen: 174.45 ug/l  
RT: 7.528 min Scan# 1800  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 97 Resp: 1568417

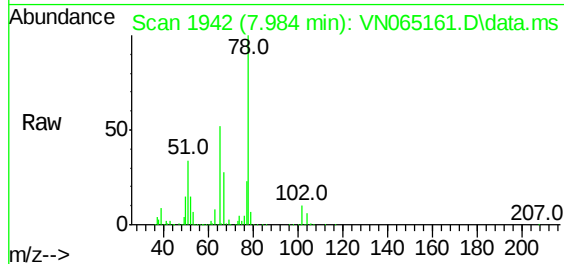
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.6  | 50.5  | 75.7  |
| 61  | 41.8  | 32.6  | 49.0  |





#334 (-)  
1,2-Dichloroethane-d4  
Concen: 171.73 ug/l  
RT: 7.984 min Scan# 1942  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

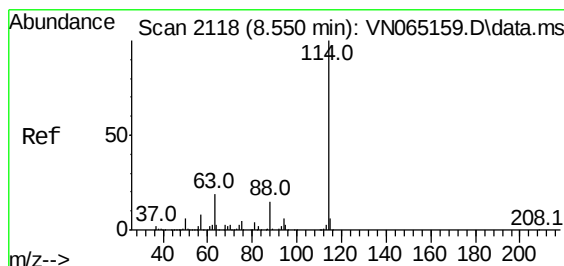
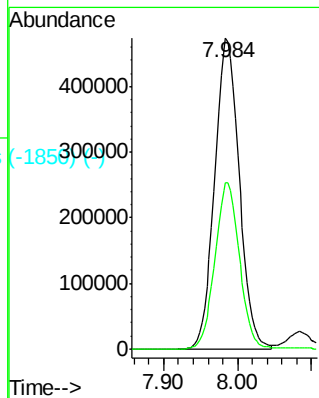
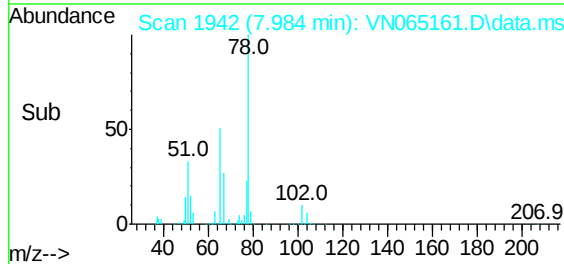
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



Tgt Ion: 65 Resp: 1094100  
Ion Ratio Lower Upper  
65 100  
67 53.3 0.0 111.0

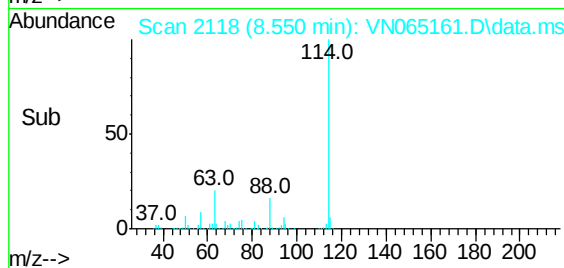
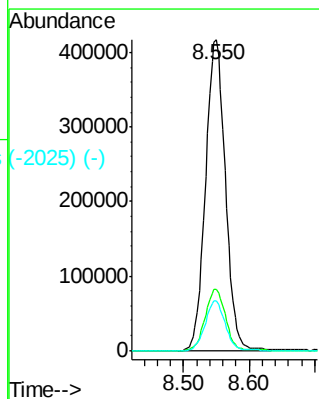
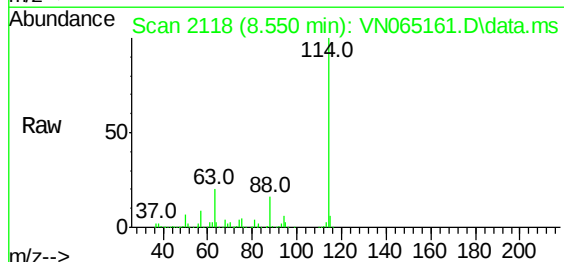
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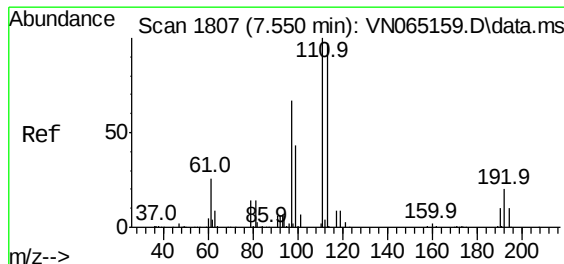
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#335 (-)  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.550 min Scan# 2118  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:114 Resp: 869688  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 37.6  
88 15.8 0.0 30.2



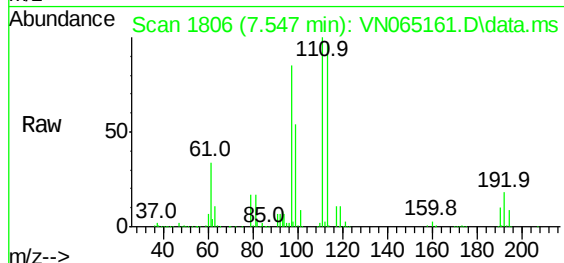


#356 (-)  
Dibromofluoromethane  
Concen: 161.08 ug/l  
RT: 7.547 min Scan# 1806  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

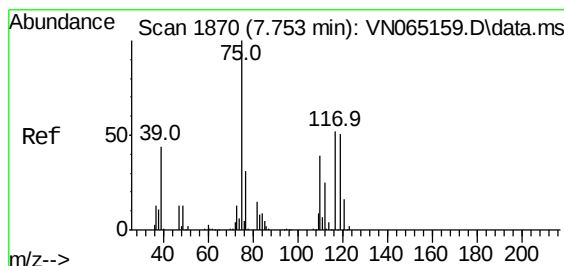
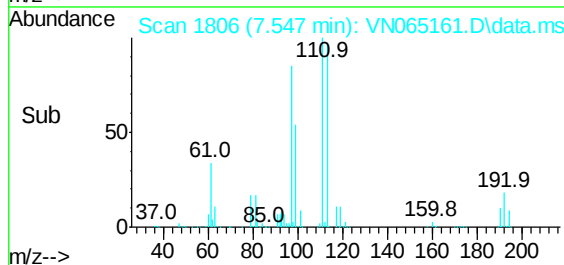
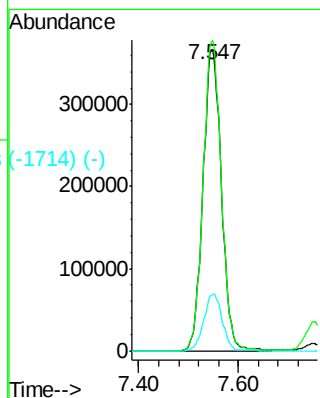
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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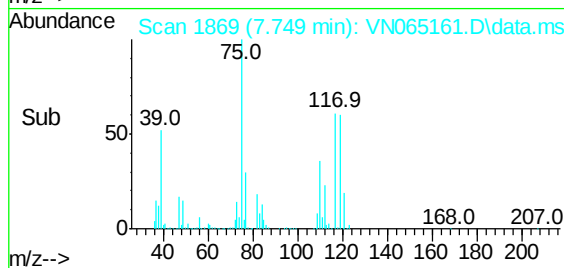
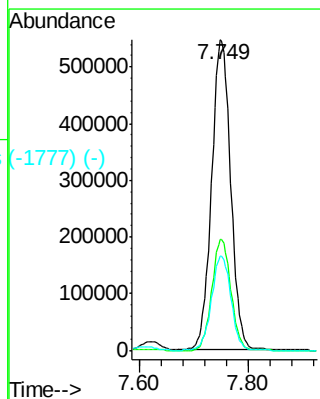
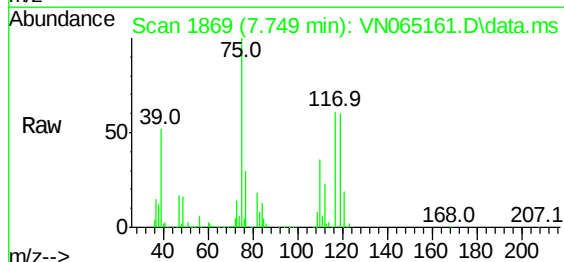


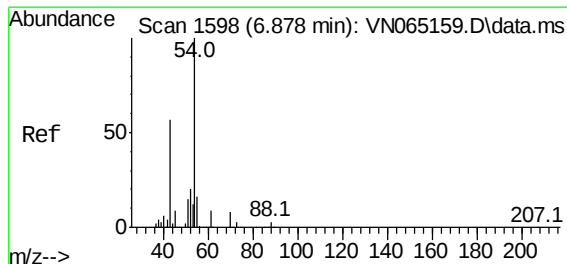
Tgt Ion:113 Resp: 942131  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.6 122.4  
192 18.8 15.9 23.9



#366 (-)  
1,1-Dichloropropene  
Concen: 167.21 ug/l  
RT: 7.749 min Scan# 1869  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 75 Resp: 1332444  
Ion Ratio Lower Upper  
75 100  
110 35.7 18.6 55.6  
77 30.9 24.6 36.8



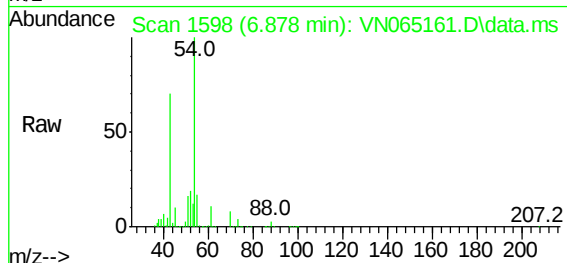


#1598 (-)  
Ethyl Acetate  
Concen: 158.21 ug/l  
RT: 6.878 min Scan# 1598  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

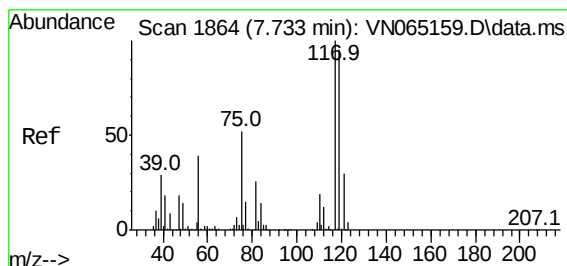
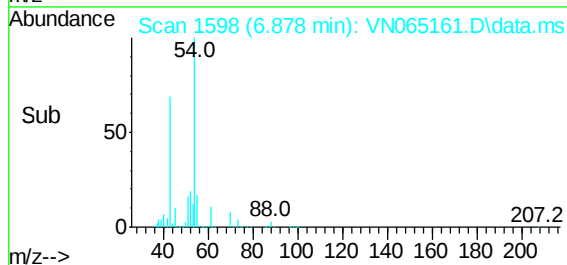
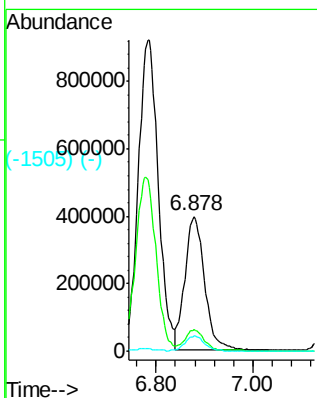
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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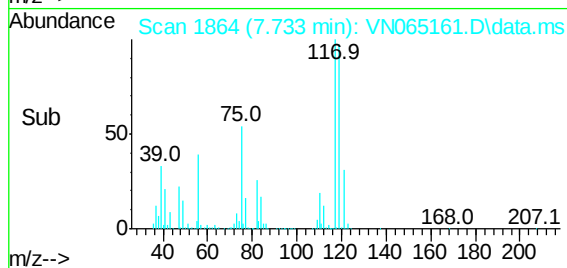
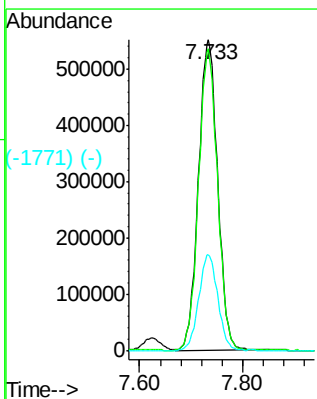
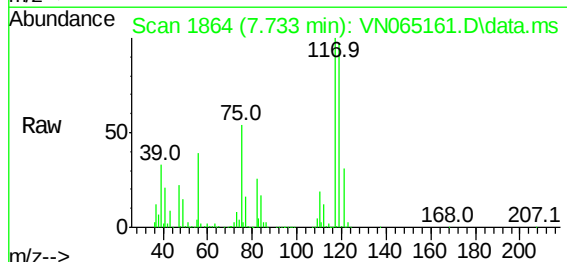


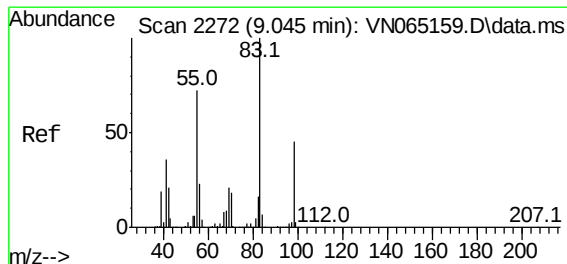
Tgt Ion: 43 Resp: 1137853  
Ion Ratio Lower Upper  
43 100  
61 14.9 12.9 19.3  
70 10.4 9.0 13.6



#1864 (-)  
Carbon Tetrachloride  
Concen: 160.69 ug/l  
RT: 7.733 min Scan# 1864  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:117 Resp: 1420481  
Ion Ratio Lower Upper  
117 100  
119 97.3 75.9 113.9  
121 30.9 24.3 36.5





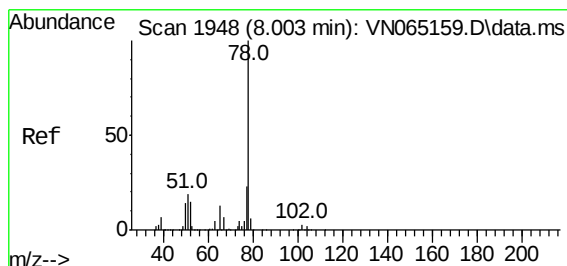
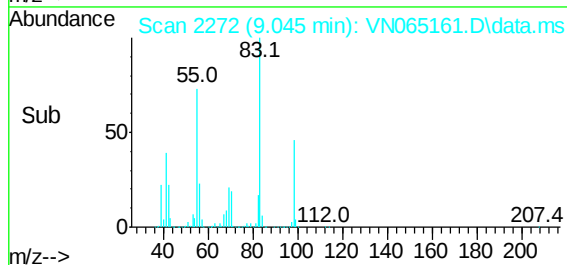
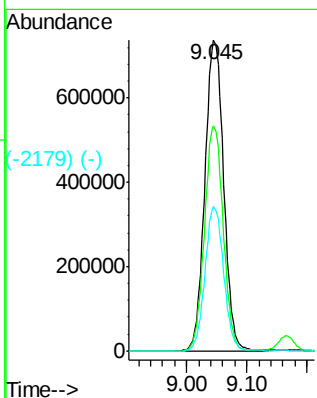
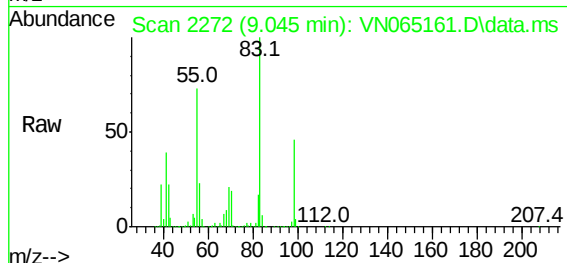
#2294 (-)  
Methylcyclohexane  
Concen: 181.34 ug/l  
RT: 9.045 min Scan# 2272  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

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Tgt Ion: 83 Resp: 1557678  
Ion Ratio Lower Upper  
83 100  
55 72.5 57.4 86.0  
98 46.4 35.8 53.8

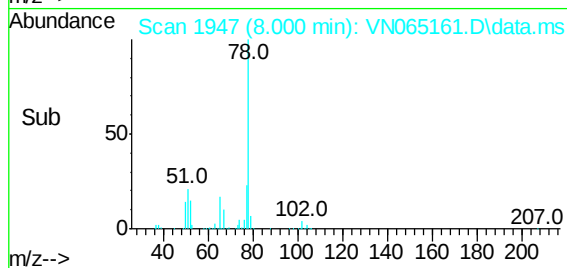
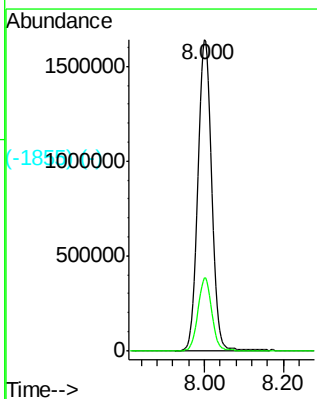
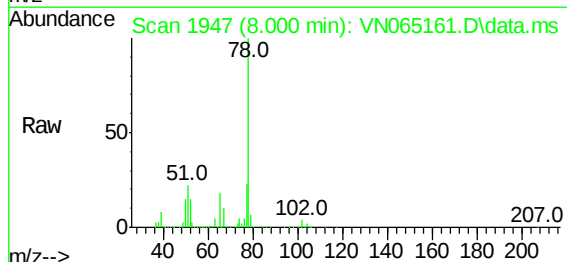
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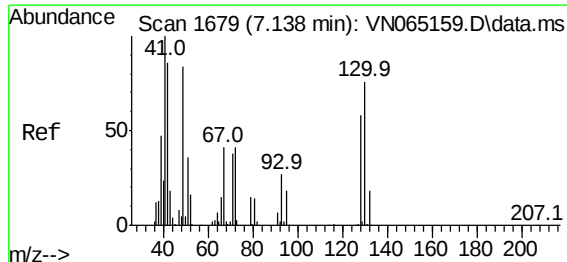
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#1948 (-)  
Benzene  
Concen: 163.81 ug/l  
RT: 8.000 min Scan# 1947  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 78 Resp: 3929203  
Ion Ratio Lower Upper  
78 100  
77 23.3 18.5 27.7





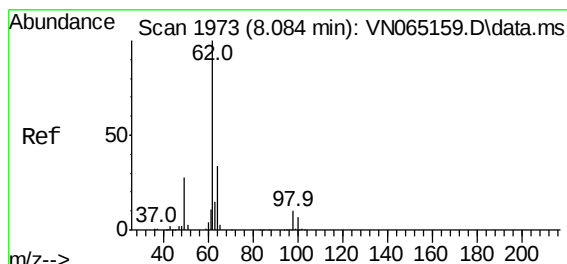
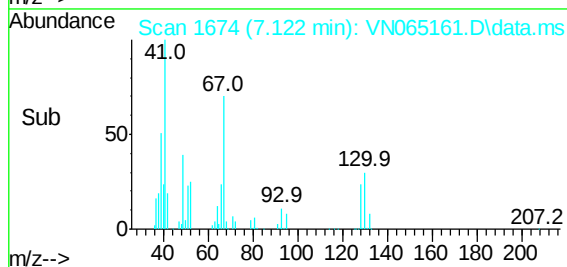
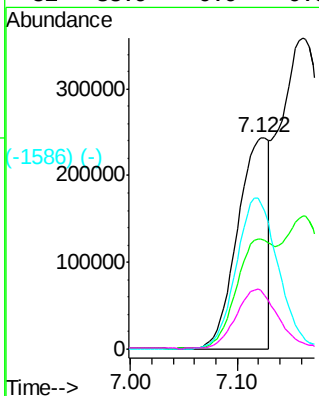
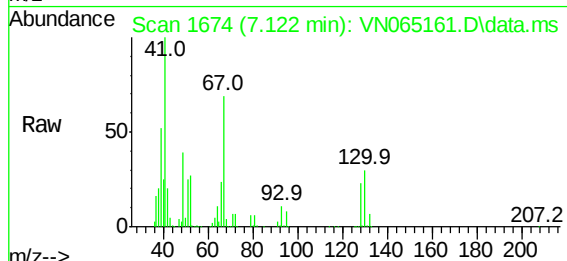
(-144) (-)  
Methacrylonitrile  
Concen: 132.72 ug/l  
RT: 7.122 min Scan# 1674  
Delta R.T. -0.016 min  
Lab File: VN065161.D  
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|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 484992 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 39        | 62.6  | 0.0   | 0.0#   |
| 67        | 98.2  | 0.0   | 0.0#   |
| 52        | 38.9  | 0.0   | 0.0#   |

Instrument :  
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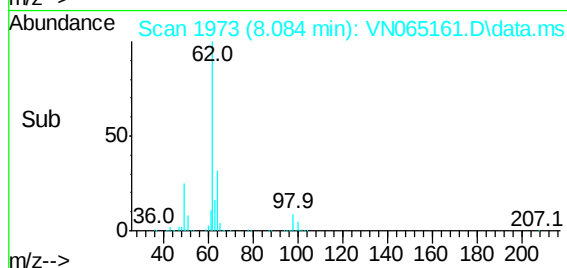
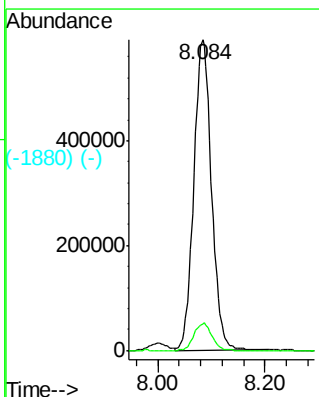
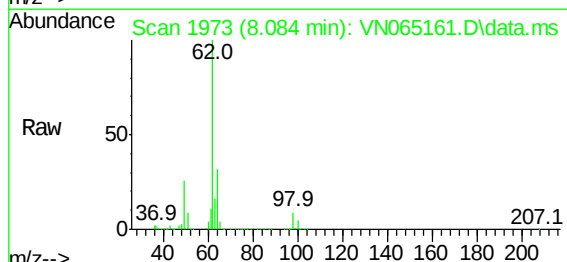
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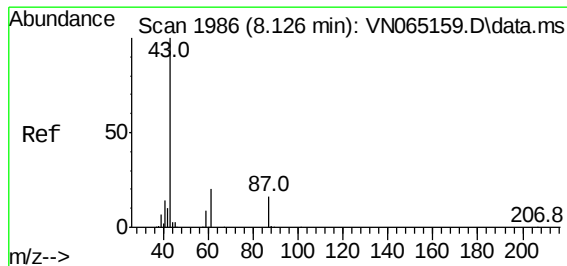
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(-148) (-)  
1,2-Dichloroethane  
Concen: 160.31 ug/l  
RT: 8.084 min Scan# 1973  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
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|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 62    | Resp: | 1355374 |
| Ion Ratio | Lower | Upper |         |
| 62        | 100   |       |         |
| 98        | 8.9   | 0.0   | 20.4    |



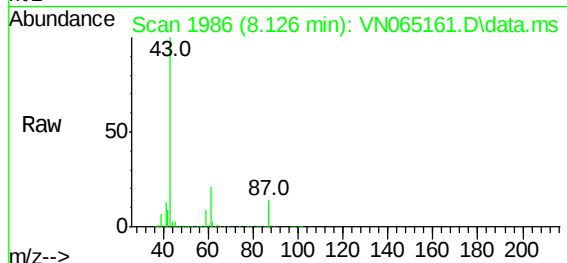


(-437) (-)  
Isopropyl Acetate  
Concen: 159.67 ug/l  
RT: 8.126 min Scan# 1986  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

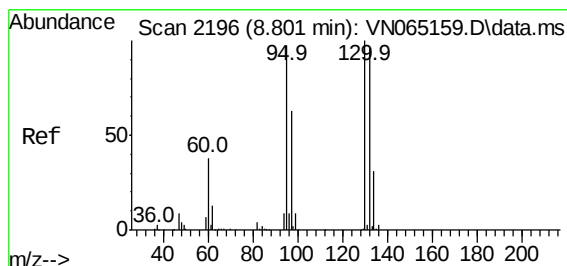
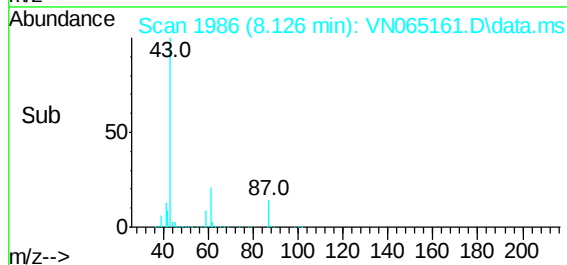
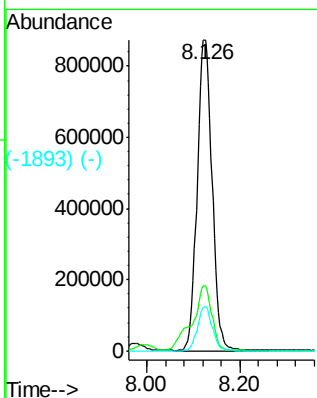
Instrument :  
MSVOA\_N  
ClientSampleId :  
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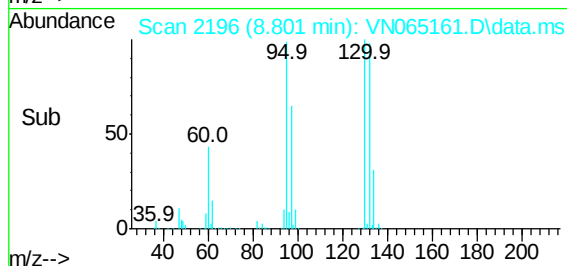
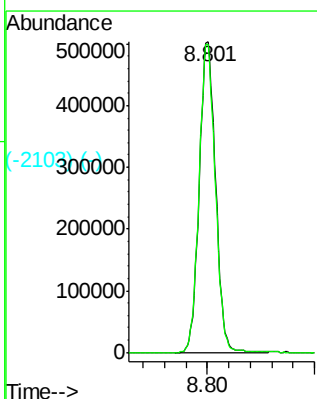
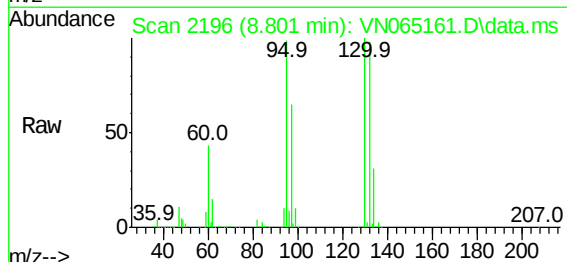


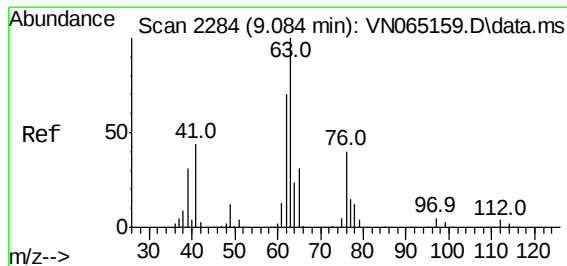
Tgt Ion: 43 Resp: 1917546  
Ion Ratio Lower Upper  
43 100  
61 28.0 24.0 36.0  
87 14.1 12.2 18.4



(-2179) (-)  
Trichloroethene  
Concen: 147.72 ug/l  
RT: 8.801 min Scan# 2196  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:130 Resp: 1053329  
Ion Ratio Lower Upper  
130 100  
95 99.3 0.0 194.4



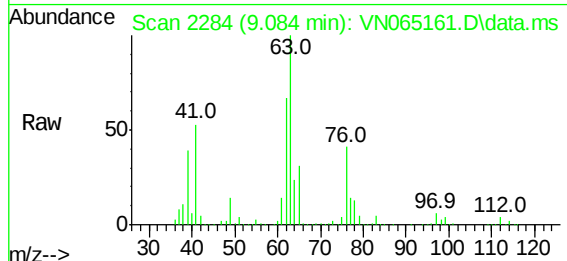


#452 (-)  
1,2-Dichloropropane  
Concen: 155.68 ug/l  
RT: 9.084 min Scan# 2284  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

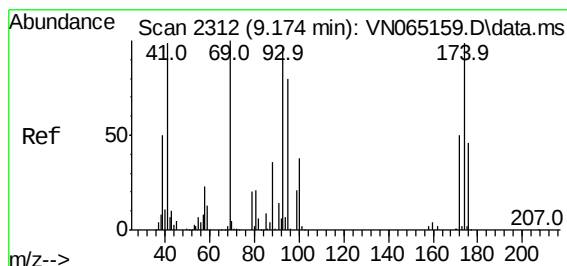
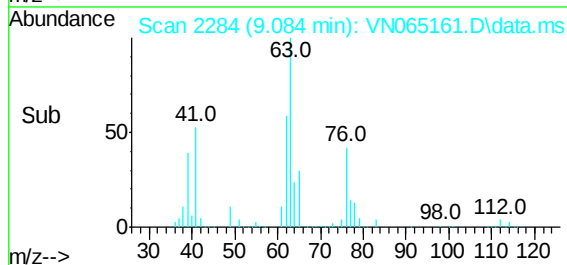
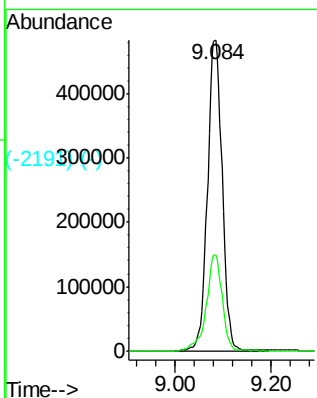
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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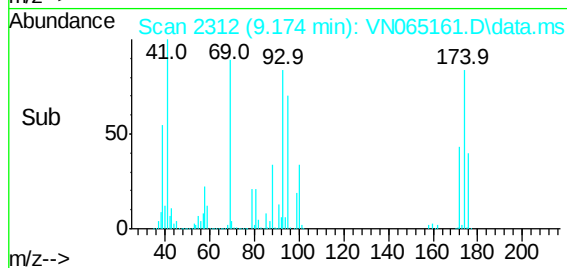
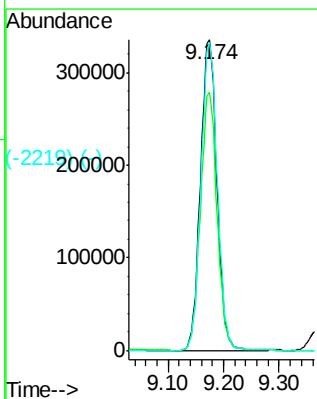
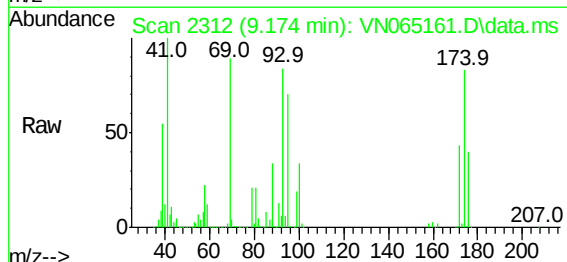


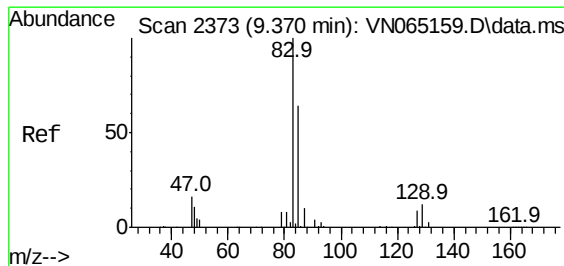
Tgt Ion: 63 Resp: 1014098  
Ion Ratio Lower Upper  
63 100  
65 30.9 25.1 37.7



#455 (-)  
Dibromomethane  
Concen: 156.55 ug/l  
RT: 9.174 min Scan# 2312  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
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Tgt Ion: 93 Resp: 688618  
Ion Ratio Lower Upper  
93 100  
95 83.3 66.6 99.8  
174 98.6 82.5 123.7



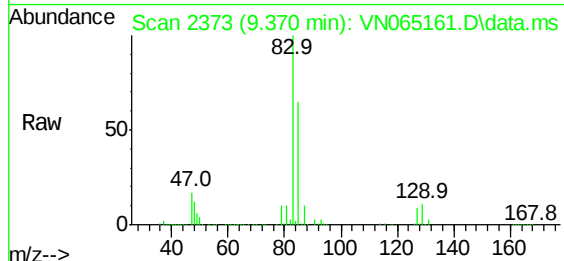


#475 (-)  
Bromodichloromethane  
Concen: 160.79 ug/l  
RT: 9.370 min Scan# 2373  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

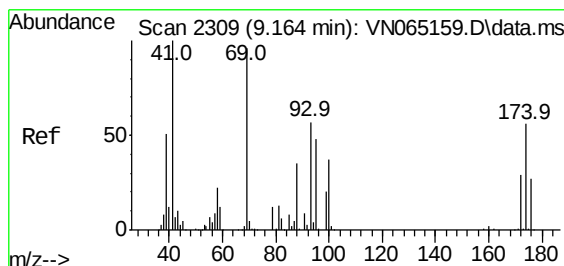
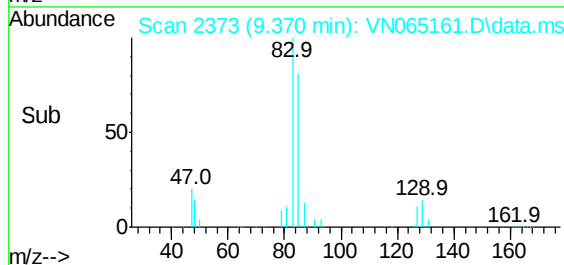
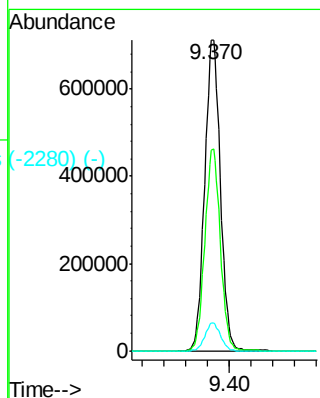
Instrument :  
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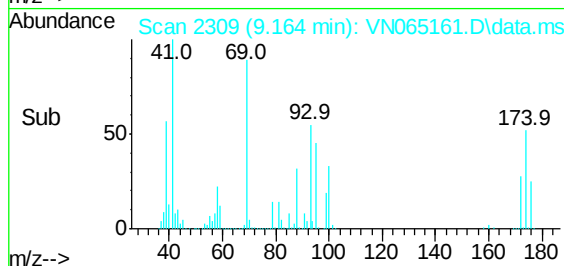
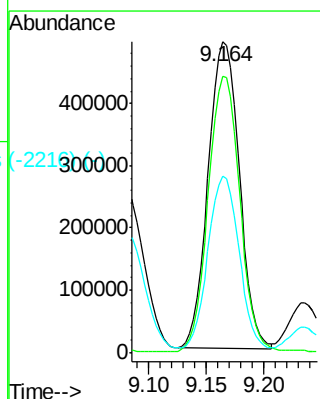
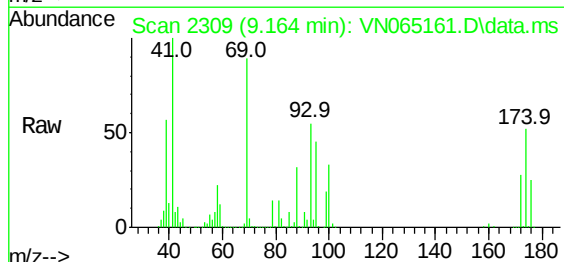


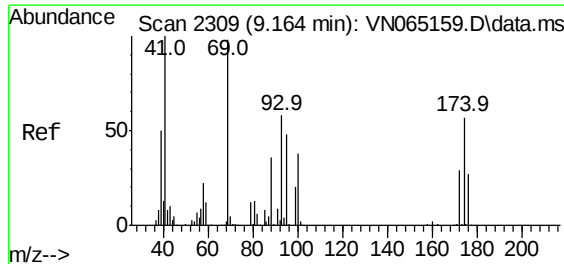
Tgt Ion: 83 Resp: 1423360  
Ion Ratio Lower Upper  
83 100  
85 64.9 51.4 77.0  
127 9.1 7.4 11.0



#476 (-)  
Methyl methacrylate  
Concen: 166.42 ug/l  
RT: 9.164 min Scan# 2309  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

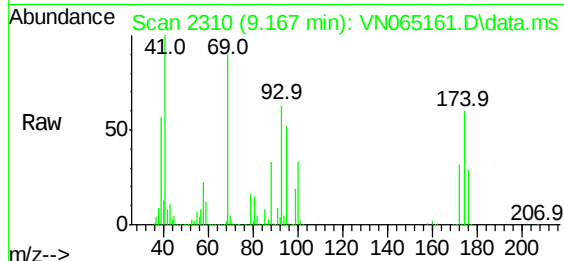
Tgt Ion: 41 Resp: 924283  
Ion Ratio Lower Upper  
41 100  
69 91.7 79.8 119.6  
39 58.4 40.8 61.2





#2294 (-)  
1,4-Dioxane  
Concen: 3488.31 ug/l  
RT: 9.167 min Scan# 2310  
Delta R.T. 0.003 min  
Lab File: VN065161.D  
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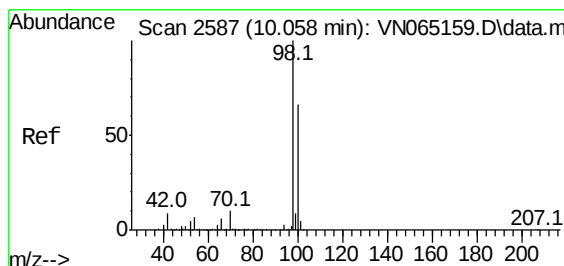
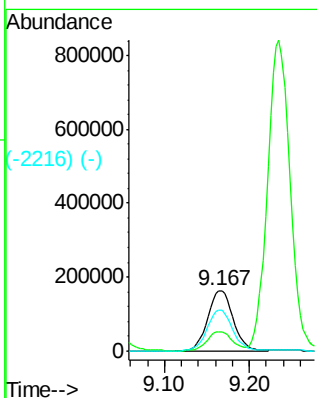
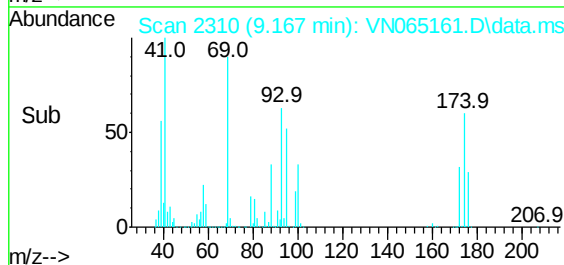
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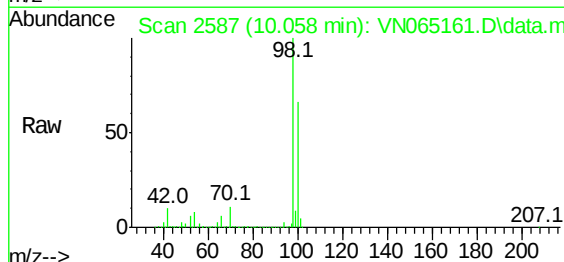
Tgt Ion: 88 Resp: 336495  
Ion Ratio Lower Upper  
88 100  
43 30.4 21.5 32.3  
58 67.6 50.6 75.8

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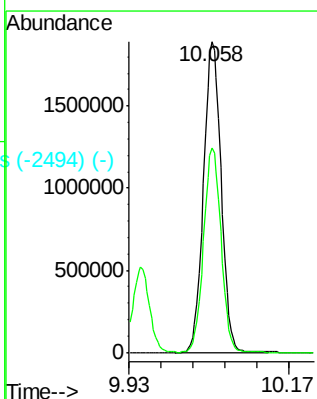
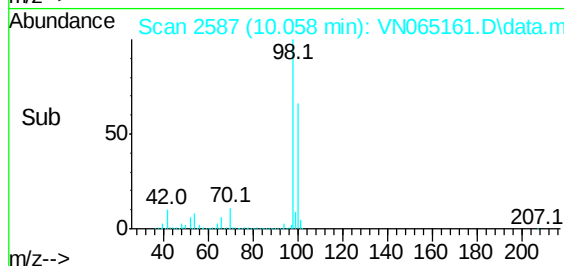
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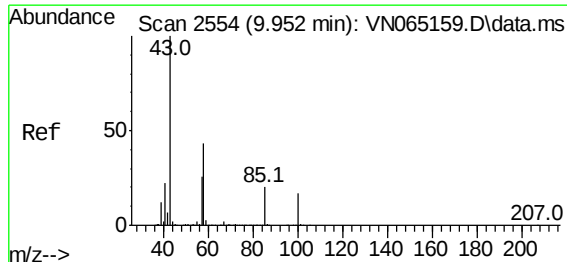


#22970 (-)  
Toluene-d8  
Concen: 161.10 ug/l  
RT: 10.058 min Scan# 2587  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
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Tgt Ion: 98 Resp: 3462747  
Ion Ratio Lower Upper  
98 100  
100 65.2 51.8 77.6



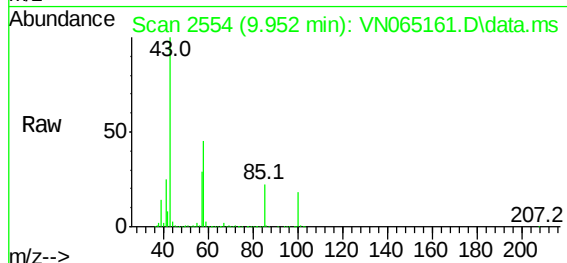


#517 (-)  
4-Methyl-2-Pentanone  
Concen: 791.05 ug/l  
RT: 9.952 min Scan# 2554  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

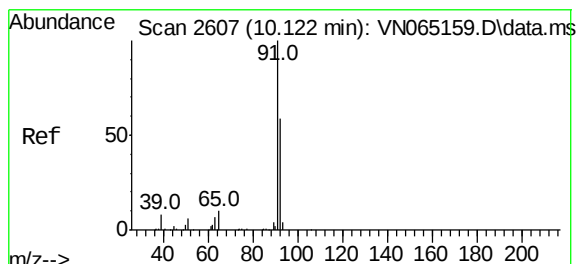
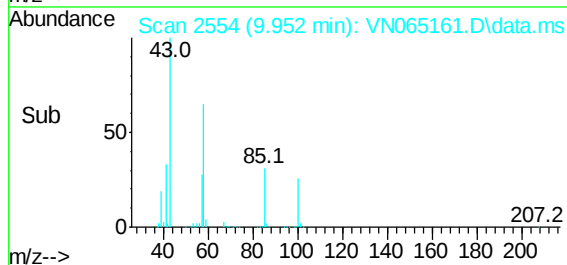
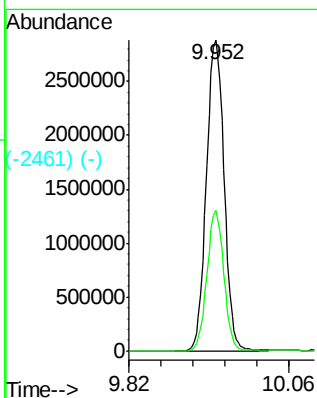
Instrument :  
MSVOA\_N  
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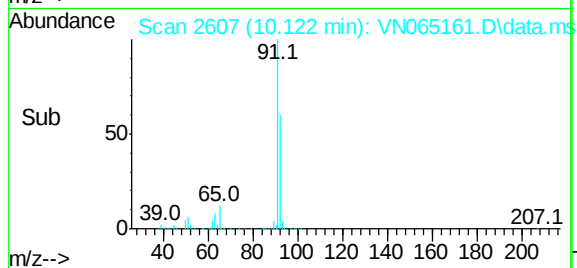
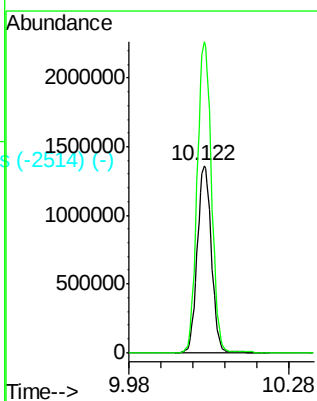
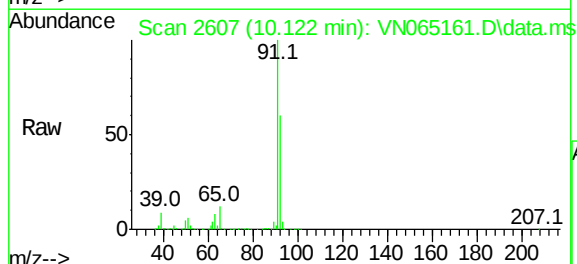


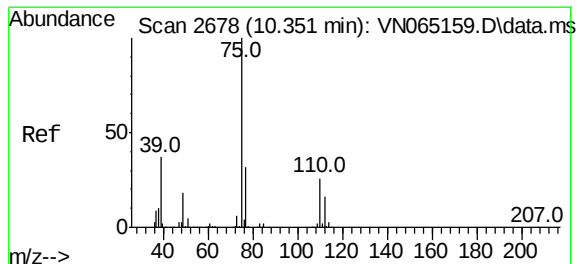
Tgt Ion: 43 Resp: 5400095  
Ion Ratio Lower Upper  
43 100  
58 43.1 34.4 51.6



#590 (-)  
Toluene  
Concen: 164.20 ug/l  
RT: 10.122 min Scan# 2607  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 92 Resp: 2492165  
Ion Ratio Lower Upper  
92 100  
91 169.1 137.6 206.4



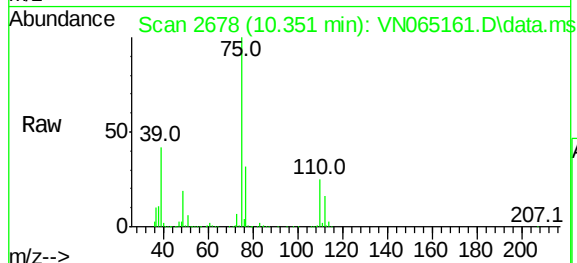


#583 (-)  
t-1,3-Dichloropropene  
Concen: 172.60 ug/l  
RT: 10.351 min Scan# 2678  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

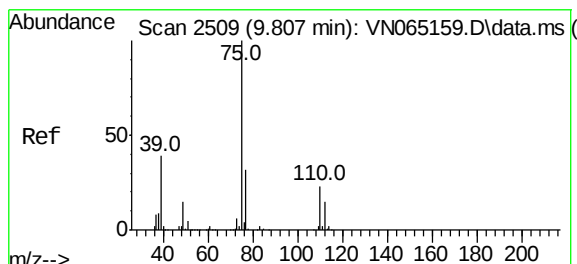
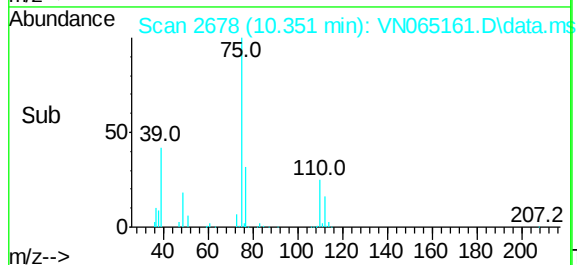
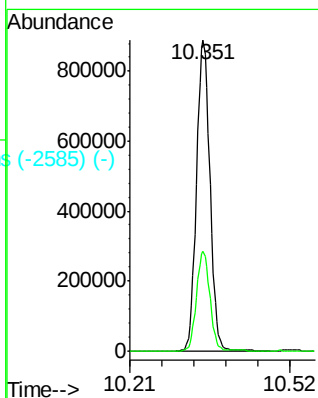
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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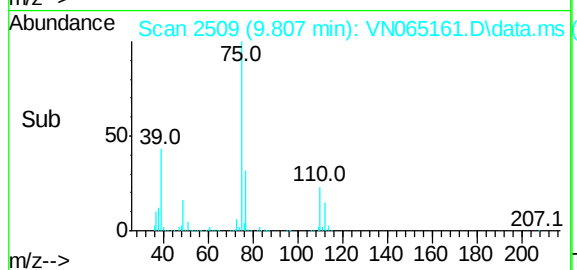
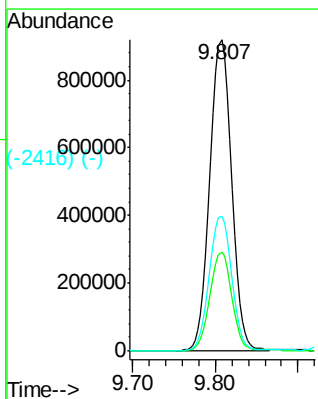
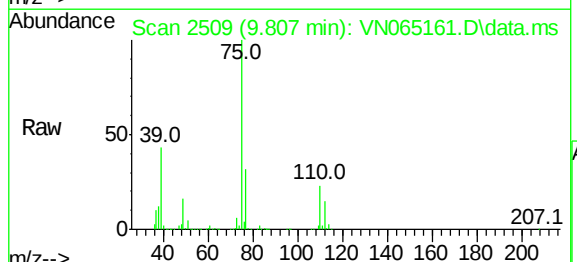


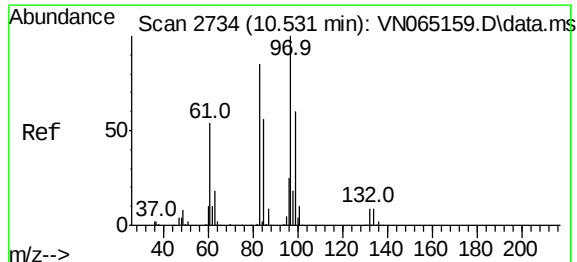
Tgt Ion: 75 Resp: 1558985  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.3 37.9



#542 (-)  
cis-1,3-Dichloropropene  
Concen: 168.61 ug/l  
RT: 9.807 min Scan# 2509  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
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Tgt Ion: 75 Resp: 1672036  
Ion Ratio Lower Upper  
75 100  
77 31.8 25.7 38.5  
39 43.3 31.3 46.9



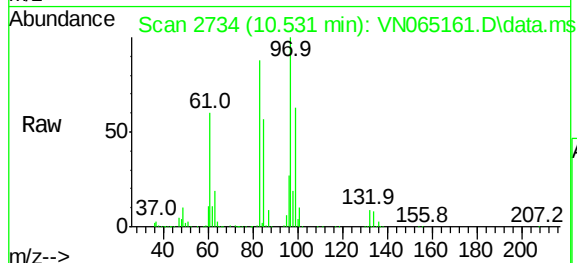


#5518 (-)  
1,1,2-Trichloroethane  
Concen: 155.84 ug/l  
RT: 10.531 min Scan# 2734  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

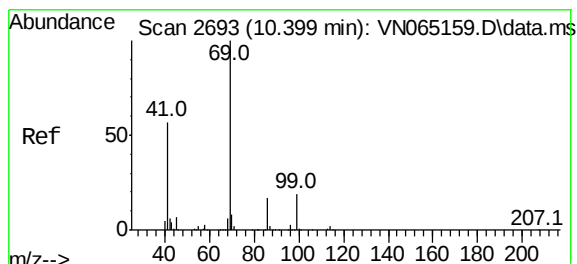
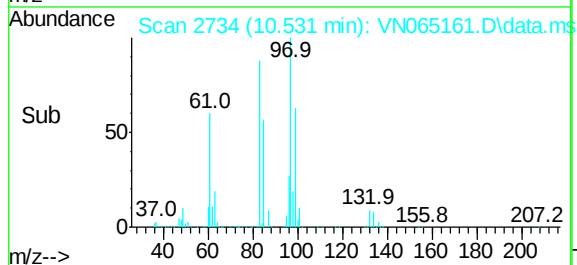
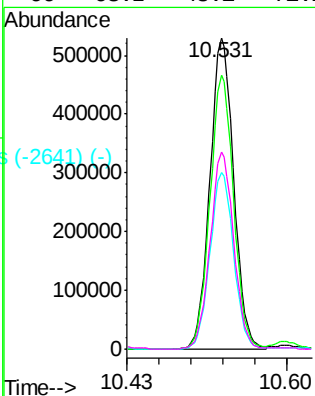
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ClientSampleId :  
VSTDIC150

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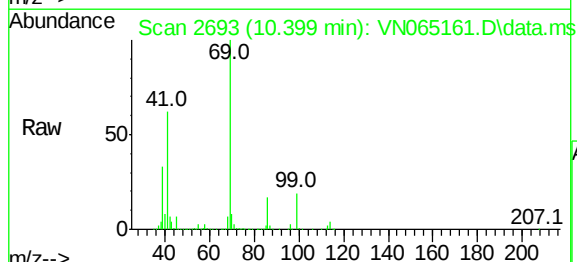
MMDadoda  
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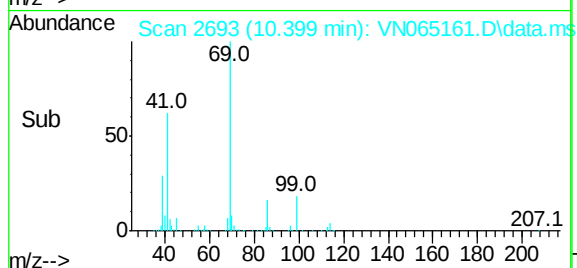
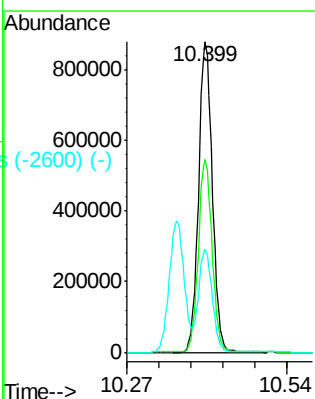
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 88.1  | 68.0  | 102.0 |
| 85      | 56.9  | 44.7  | 67.1  |
| 99      | 63.1  | 48.2  | 72.2  |

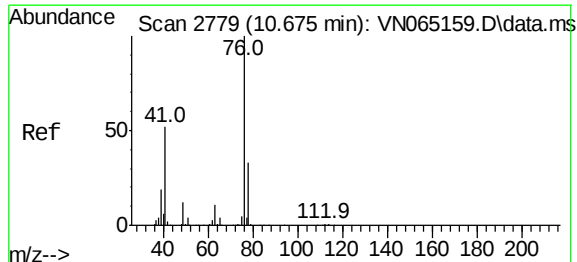


#5678 (-)  
Ethyl methacrylate  
Concen: 188.10 ug/l  
RT: 10.399 min Scan# 2693  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



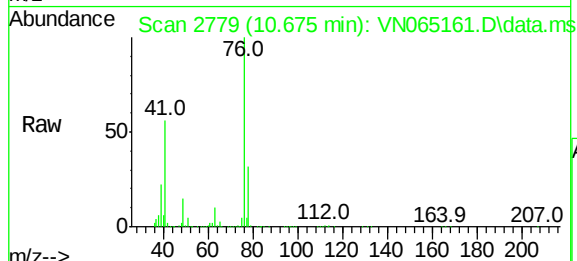
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 61.8  | 45.6  | 68.4  |
| 39      | 33.2  | 23.0  | 34.4  |





1,3-Dichloropropane  
Concen: 157.49 ug/l  
RT: 10.675 min Scan# 2779  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

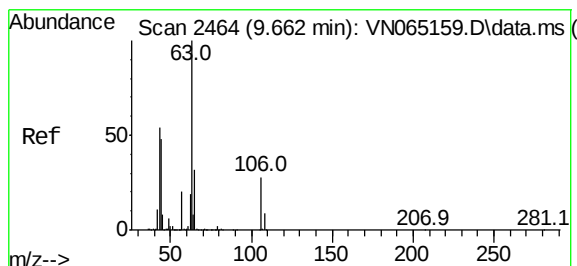
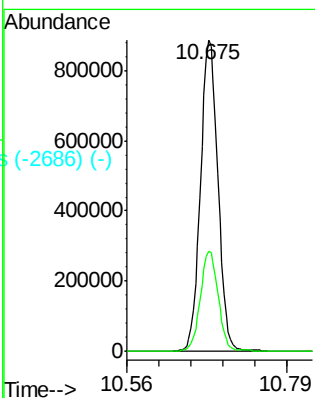
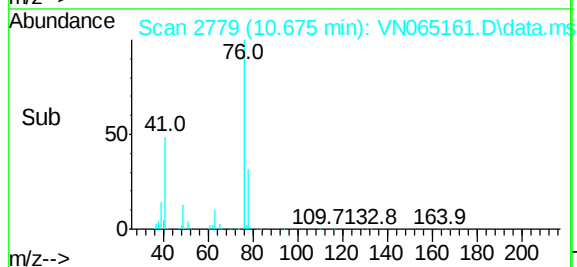
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



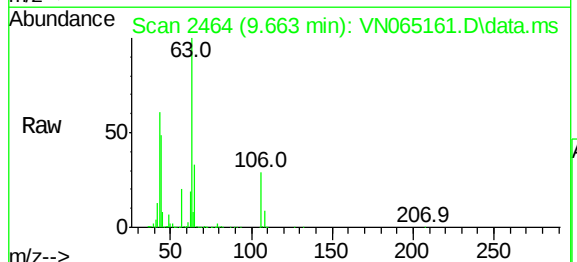
Tgt Ion: 76 Resp: 1553403  
Ion Ratio Lower Upper  
76 100  
78 32.5 26.2 39.4

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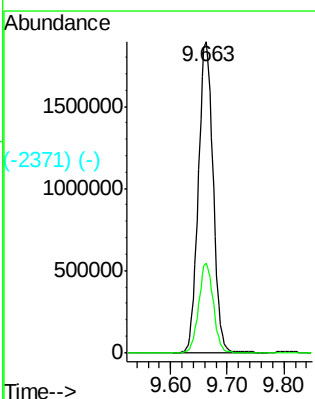
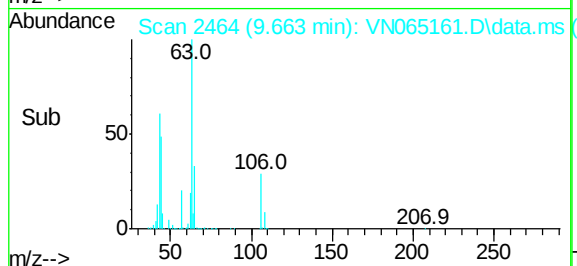
MMDadoda  
12/22/2020 11:17:04 AM

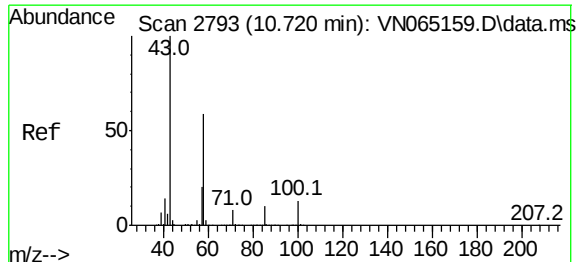


2-Chloroethyl Vinyl ether  
Concen: 872.03 ug/l  
RT: 9.663 min Scan# 2464  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



Tgt Ion: 63 Resp: 3394347  
Ion Ratio Lower Upper  
63 100  
106 28.3 22.5 33.7



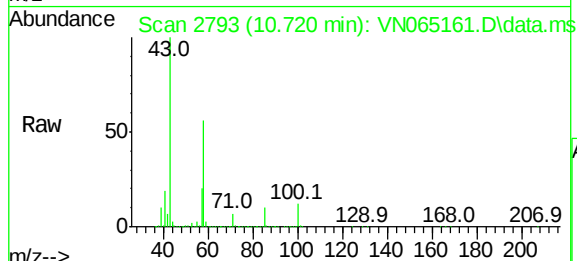


#5972 (-)  
2-Hexanone  
Concen: 769.68 ug/l  
RT: 10.720 min Scan# 2793  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

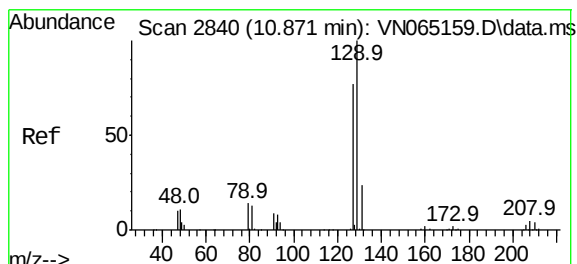
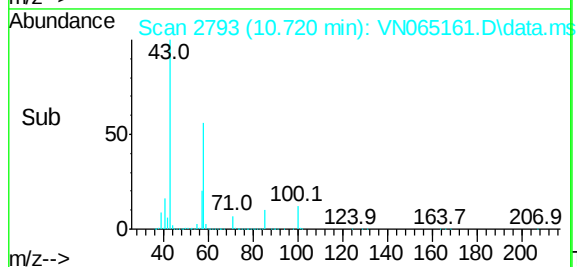
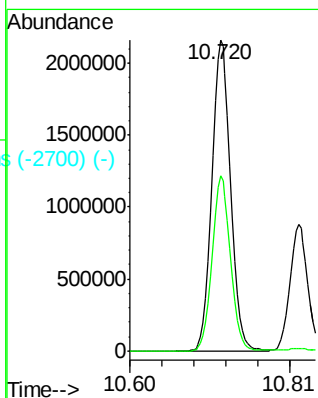
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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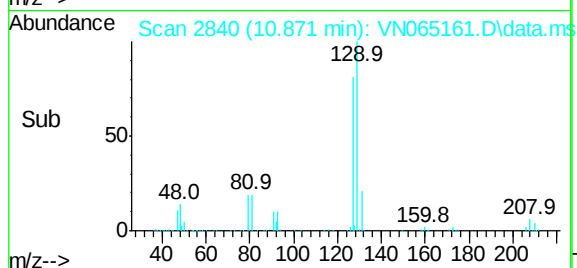
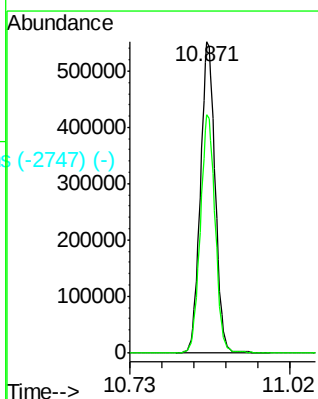
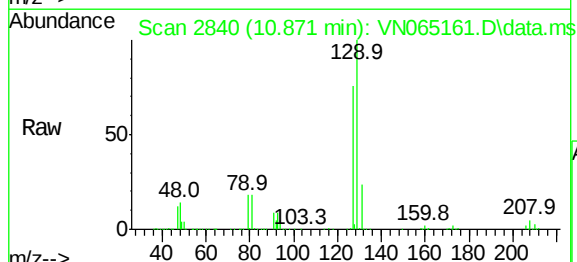


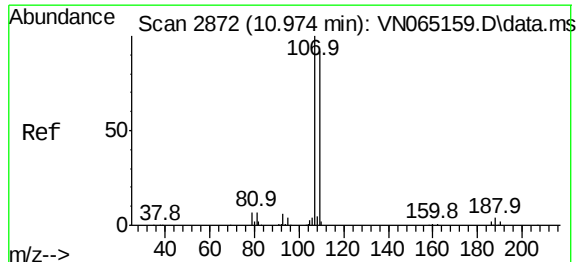
Tgt Ion: 43 Resp: 3686238  
Ion Ratio Lower Upper  
43 100  
58 55.2 29.6 88.9



#6025 (-)  
Dibromochloromethane  
Concen: 139.79 ug/l  
RT: 10.871 min Scan# 2840  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 129 Resp: 981255  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.1 114.5



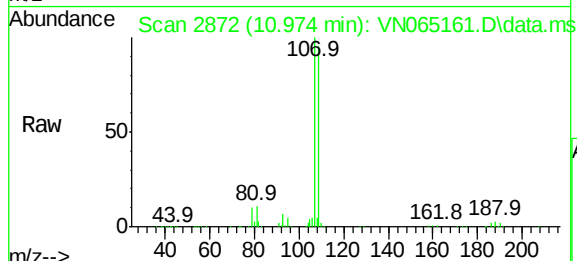


#6157 (-)  
1,2-Dibromoethane  
Concen: 134.69 ug/l  
RT: 10.974 min Scan# 2872  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

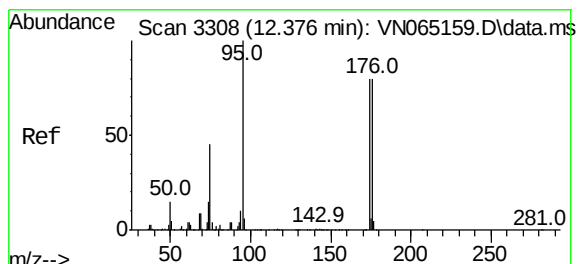
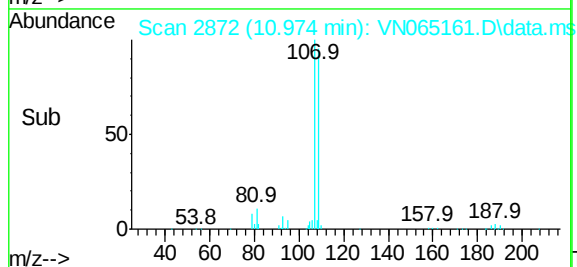
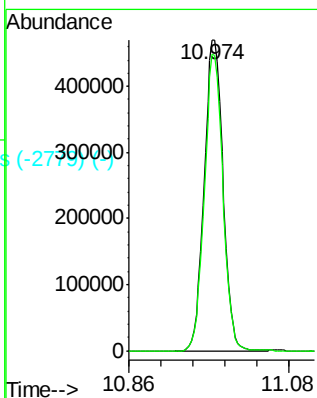
Instrument :  
MSVOA\_N  
ClientSampleId :  
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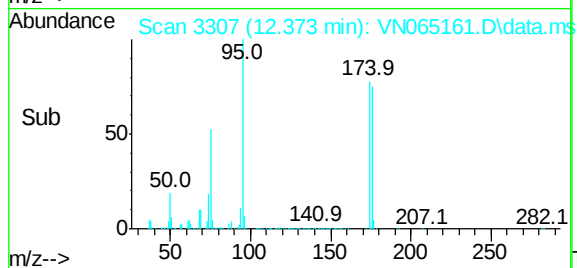
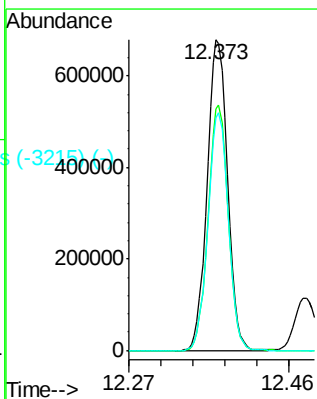
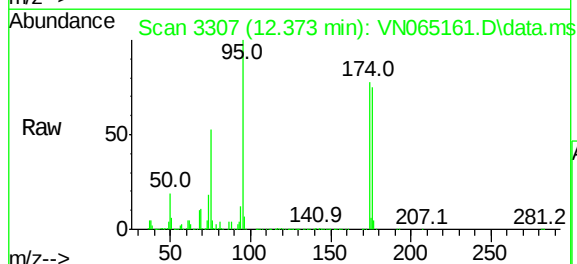


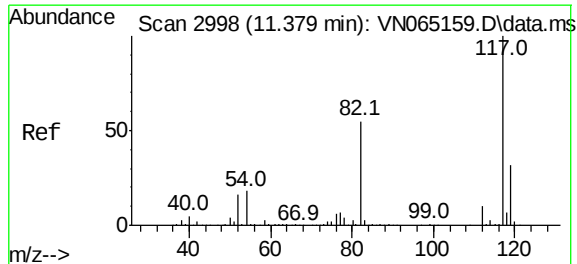
Tgt Ion: 107 Resp: 845511  
Ion Ratio Lower Upper  
107 100  
109 94.2 74.4 111.6



#6293 (-)  
4-Bromofluorobenzene  
Concen: 150.00 ug/l  
RT: 12.373 min Scan# 3307  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 95 Resp: 1127615  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 162.8  
176 76.0 0.0 160.8





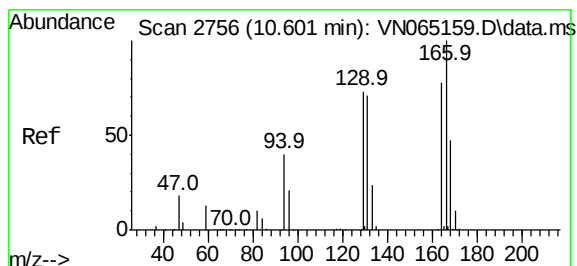
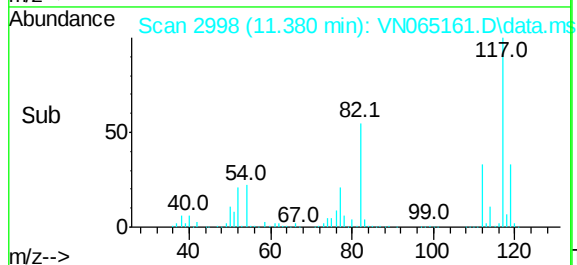
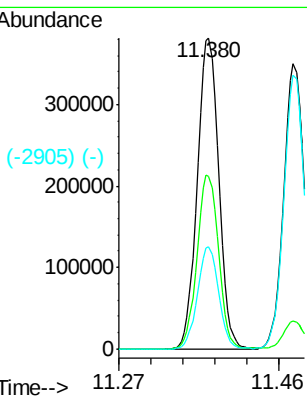
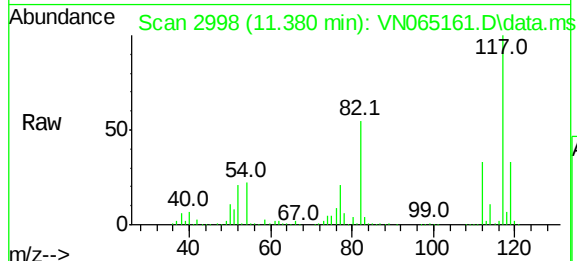
#2982 (-)  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.380 min Scan# 2998  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:117 Resp: 668341  
Ion Ratio Lower Upper  
117 100  
82 55.5 43.8 65.6  
119 32.7 26.0 39.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

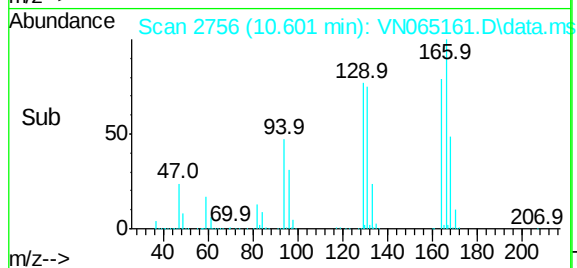
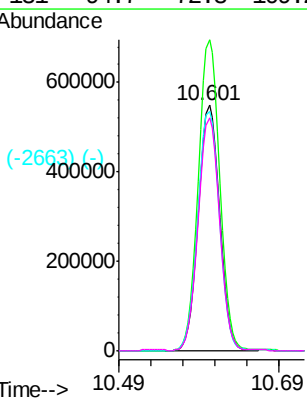
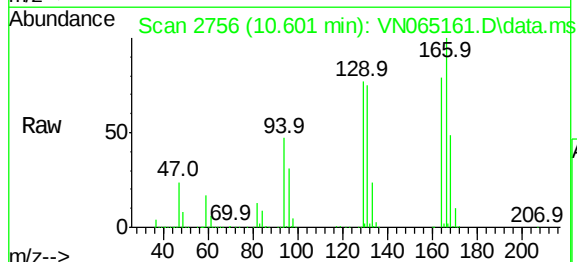
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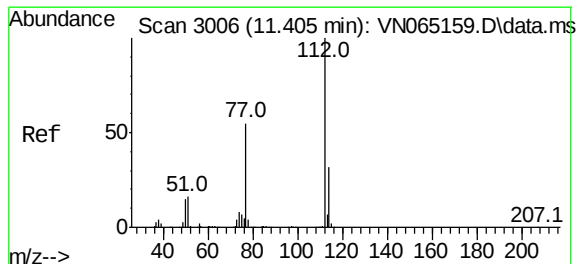
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#2740 (-)  
Tetrachloroethene  
Concen: 151.34 ug/l  
RT: 10.601 min Scan# 2756  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:164 Resp: 969094  
Ion Ratio Lower Upper  
164 100  
166 126.9 103.0 154.6  
129 97.7 75.4 113.2  
131 94.7 72.8 109.2





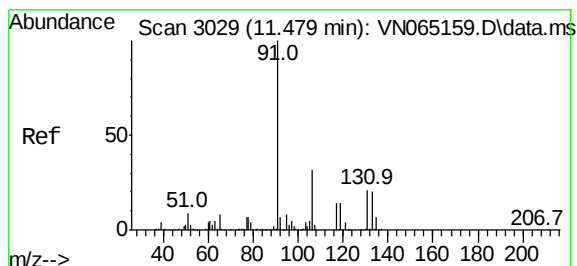
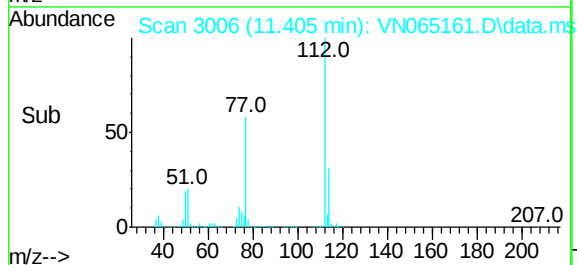
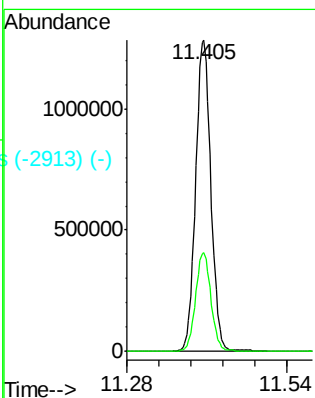
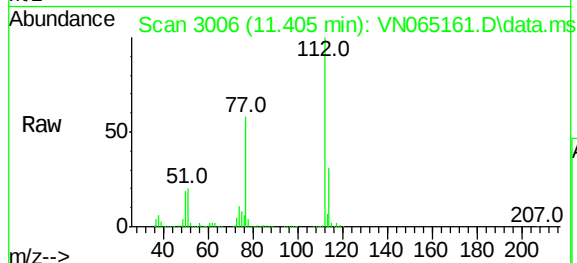
#2990 (-)  
Chlorobenzene  
Concen: 157.52 ug/l  
RT: 11.405 min Scan# 3006  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:112 Resp: 2226671  
Ion Ratio Lower Upper  
112 100  
114 31.4 25.5 38.3

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

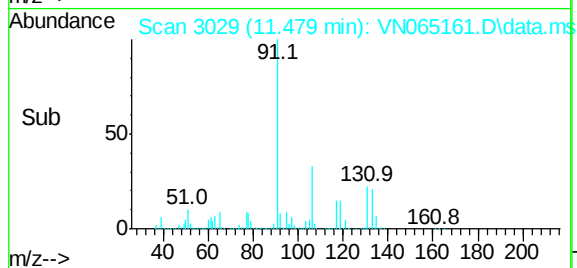
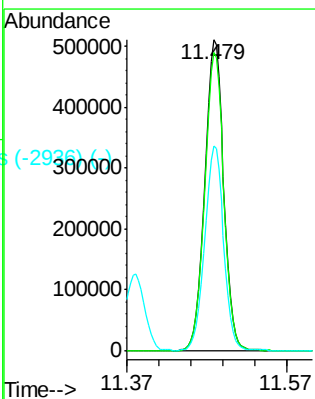
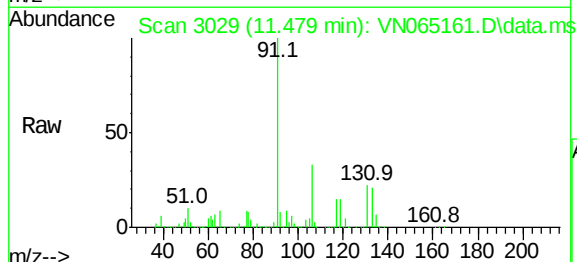
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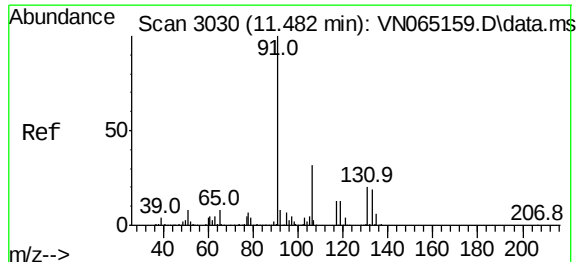
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#3015 (-)  
1,1,1,2-Tetrachloroethane  
Concen: 155.55 ug/l  
RT: 11.479 min Scan# 3029  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:131 Resp: 867705  
Ion Ratio Lower Upper  
131 100  
133 96.9 48.1 144.4  
119 65.7 33.8 101.4



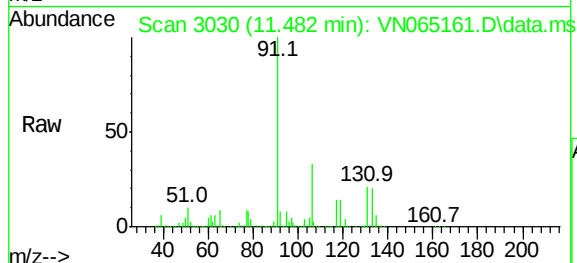


#6713 (-)  
Ethyl Benzene  
Concen: 168.74 ug/l  
RT: 11.482 min Scan# 3030  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

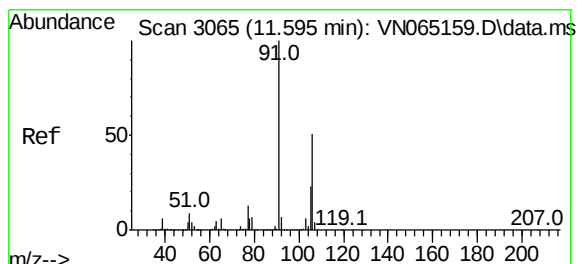
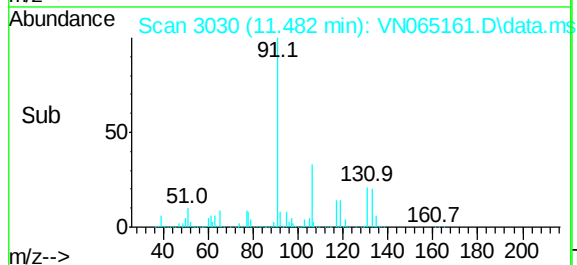
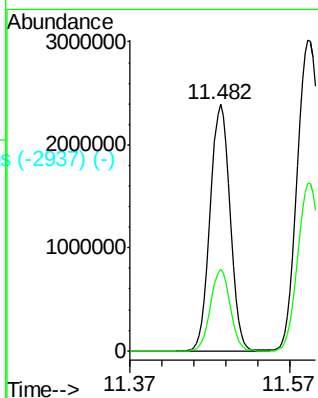
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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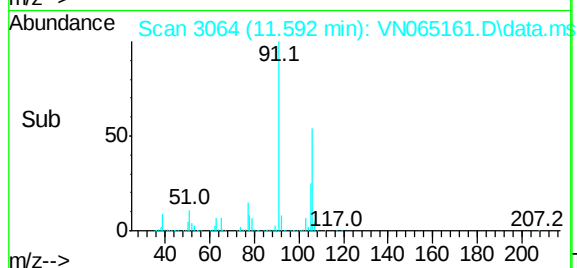
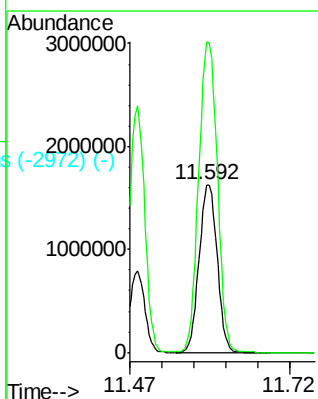
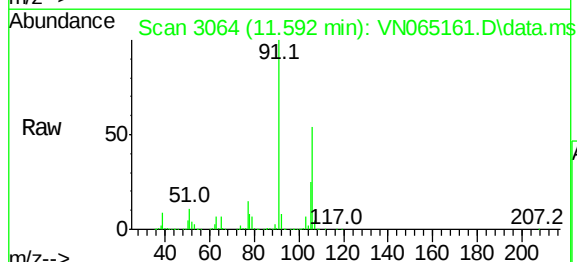


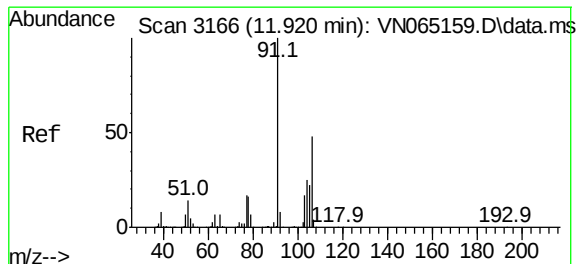
Tgt Ion: 91 Resp: 3966410  
Ion Ratio Lower Upper  
91 100  
106 32.9 25.6 38.4



#6648 (-)  
m/p-Xylenes  
Concen: 344.38 ug/l  
RT: 11.592 min Scan# 3064  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

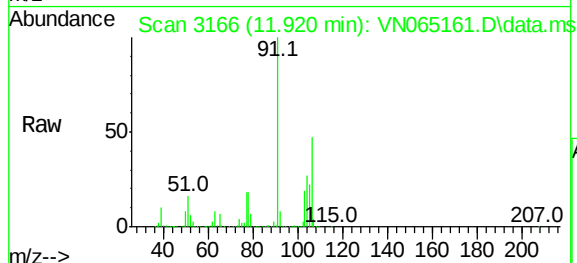
Tgt Ion: 106 Resp: 3154250  
Ion Ratio Lower Upper  
106 100  
91 192.8 158.4 237.6





#6149 (-)  
o-Xylene  
Concen: 175.95 ug/l  
RT: 11.920 min Scan# 3166  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

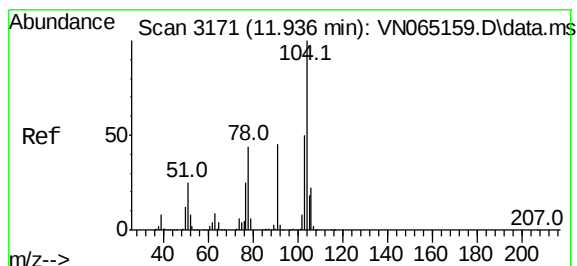
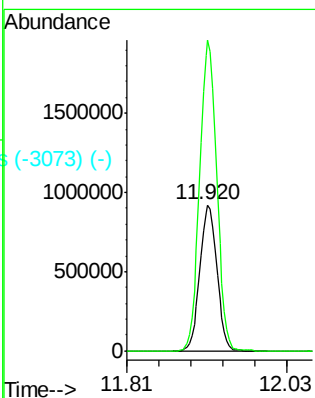
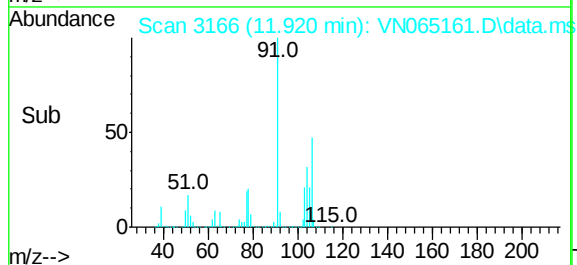
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



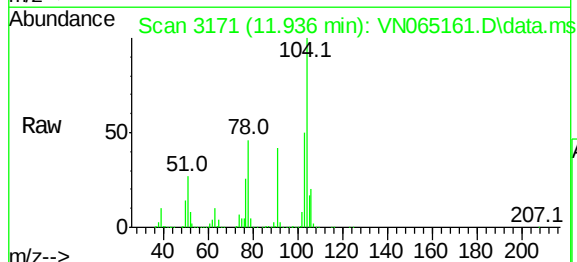
Tgt Ion:106 Resp: 1504900  
Ion Ratio Lower Upper  
106 100  
91 213.6 104.4 313.2

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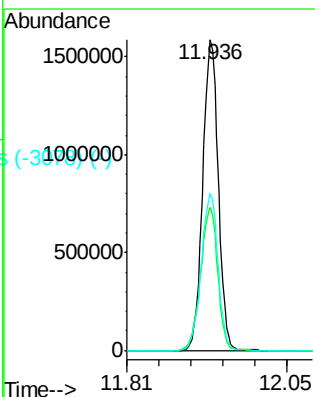
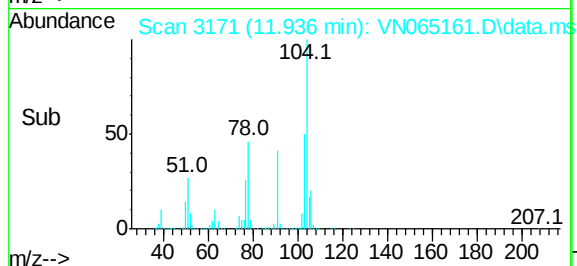
MMDadoda  
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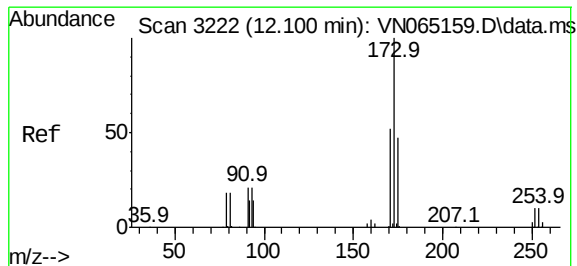


#7153 (-)  
Styrene  
Concen: 189.65 ug/l  
RT: 11.936 min Scan# 3171  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



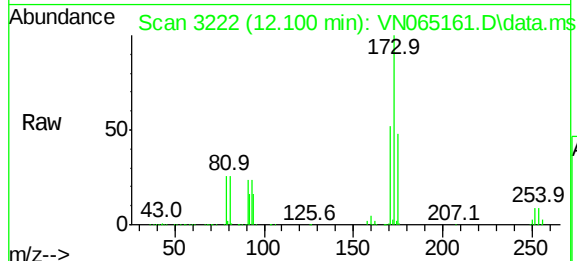
Tgt Ion:104 Resp: 2642769  
Ion Ratio Lower Upper  
104 100  
78 50.5 38.7 58.1  
103 54.5 42.9 64.3





#3107 (-)  
Bromoform  
Concen: 158.72 ug/l  
RT: 12.100 min Scan# 3222  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

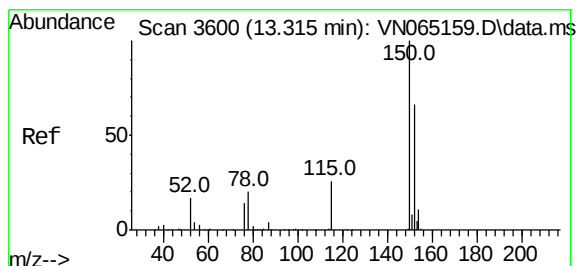
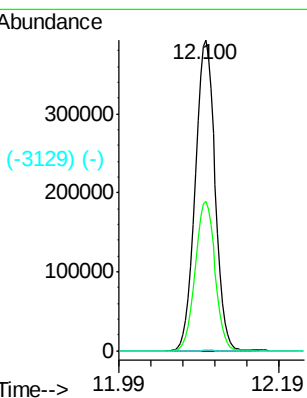
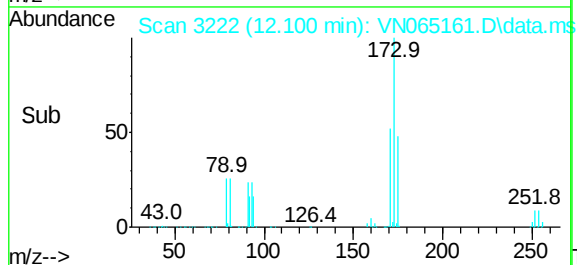
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



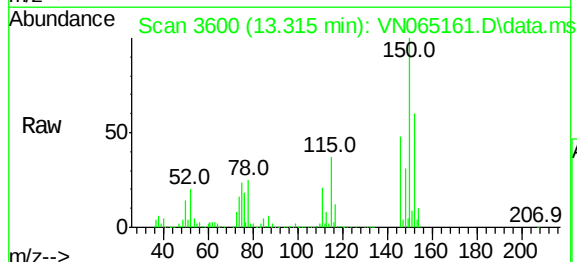
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.2  | 24.1  | 72.2  |
| 254     | 0.1   | 0.1   | 0.1   |

Manual Integrations  
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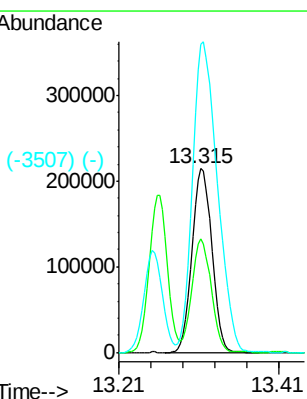
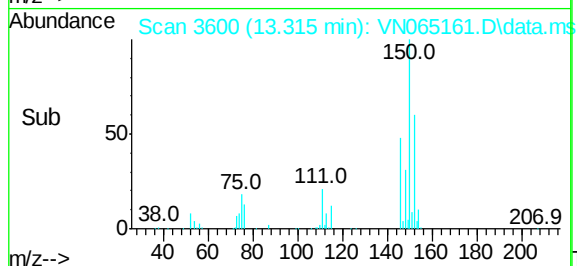
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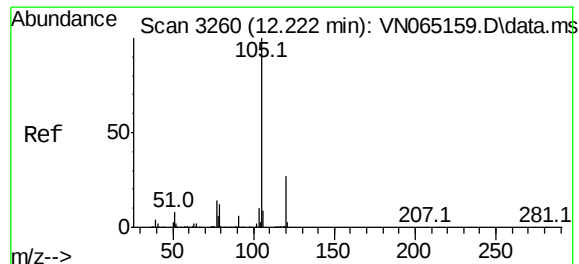


#3108 (-)  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.315 min Scan# 3600  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 60.2  | 28.5  | 85.5  |
| 150     | 211.2 | 0.0   | 349.6 |





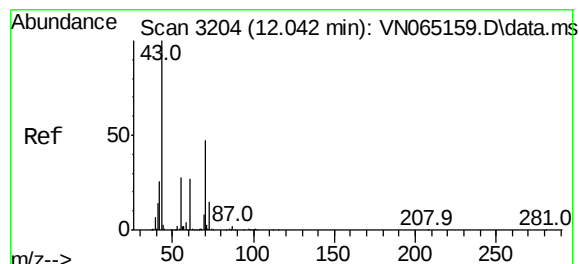
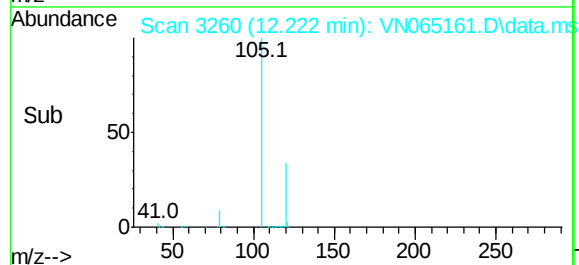
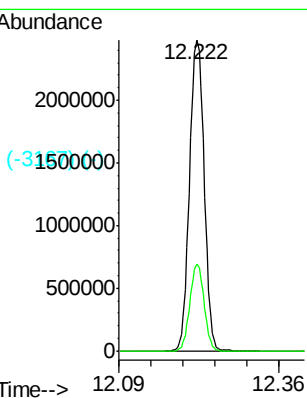
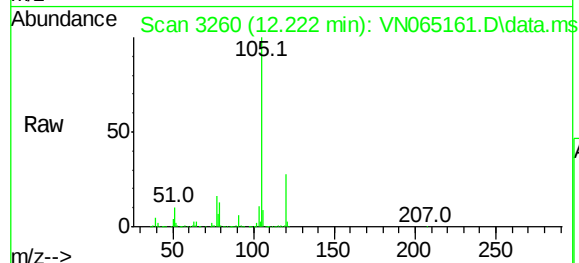
#3245 (-)  
Isopropylbenzene  
Concen: 172.41 ug/l  
RT: 12.222 min Scan# 3260  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:105 Resp: 4050227  
Ion Ratio Lower Upper  
105 100  
120 27.1 13.5 40.4

Instrument :  
MSVOA\_N  
ClientSampleId :  
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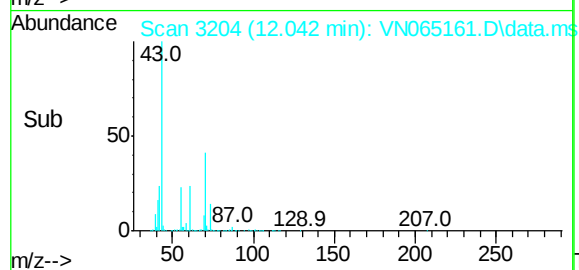
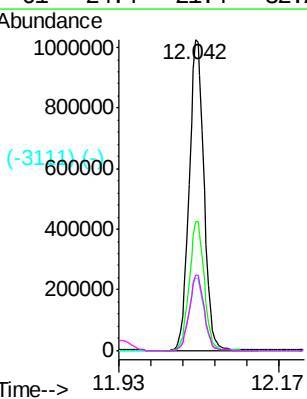
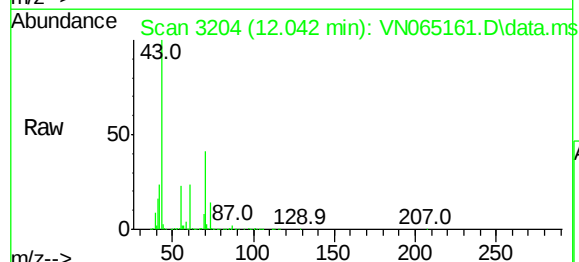
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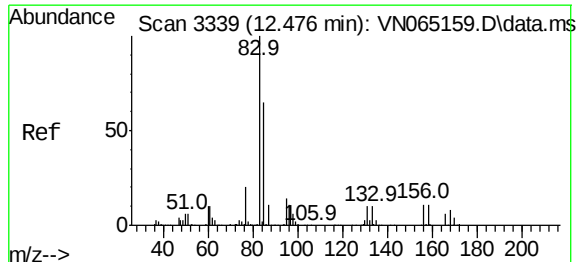
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#3246 (-)  
N-ethyl acetate  
Concen: 175.59 ug/l  
RT: 12.042 min Scan# 3204  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

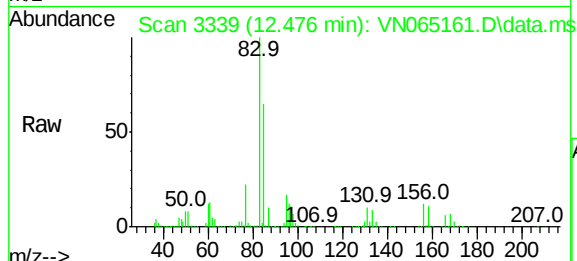
Tgt Ion: 43 Resp: 1565864  
Ion Ratio Lower Upper  
43 100  
70 41.8 37.8 56.6  
55 23.8 21.9 32.9  
61 24.4 21.4 32.2





#3524 (-)  
 1,1,2,2-Tetrachloroethane  
 Concen: 159.26 ug/l  
 RT: 12.476 min Scan# 3339  
 Delta R.T. 0.000 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

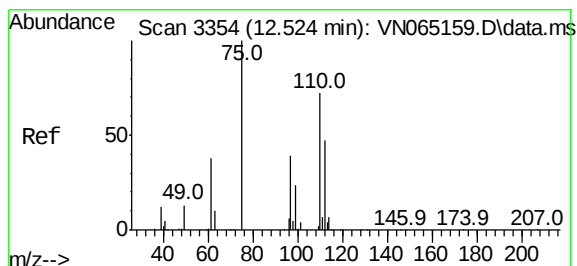
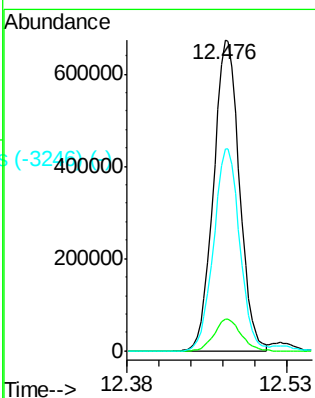
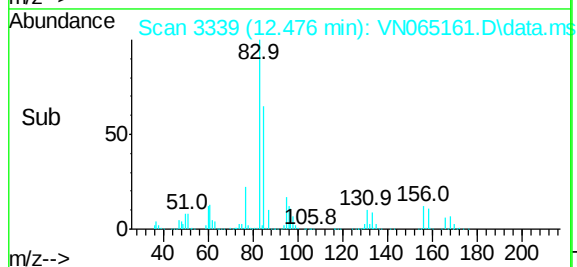


Tgt Ion: 83 Resp: 1131777

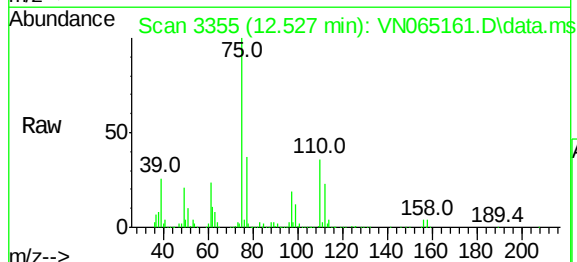
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 10.5  | 5.1   | 15.4  |
| 85  | 65.4  | 32.1  | 96.3  |

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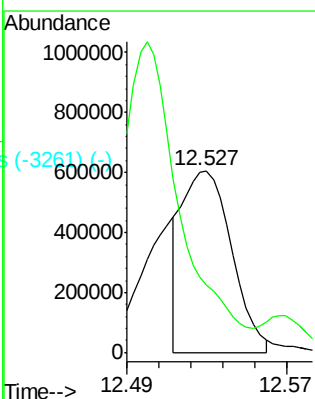
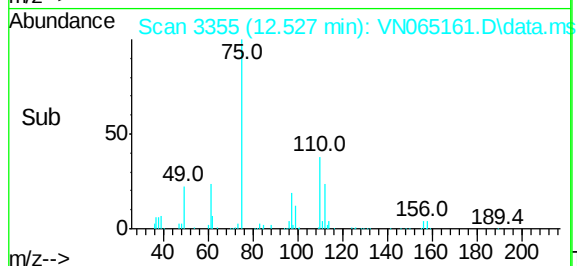


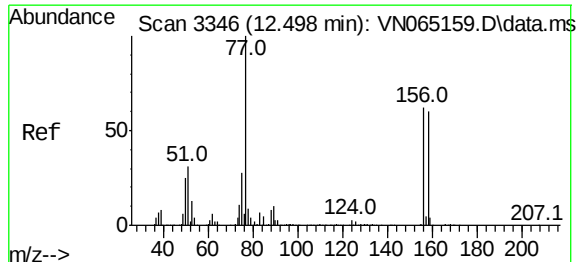
#3549 (-)  
 1,2,3-Trichloropropane  
 Concen: 151.21 ug/l m  
 RT: 12.527 min Scan# 3355  
 Delta R.T. 0.003 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41



Tgt Ion: 75 Resp: 1003579

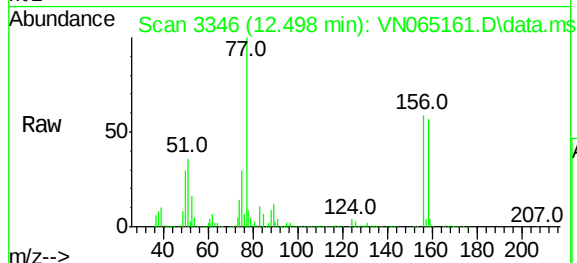
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |





#331 (-)  
Bromobenzene  
Concen: 155.58 ug/l  
RT: 12.498 min Scan# 3346  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

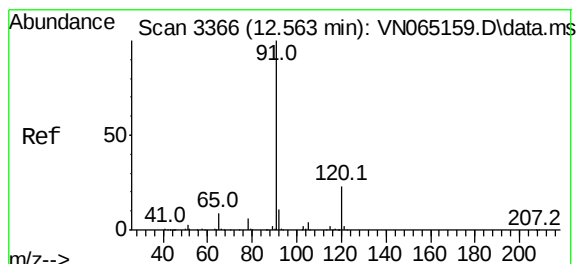
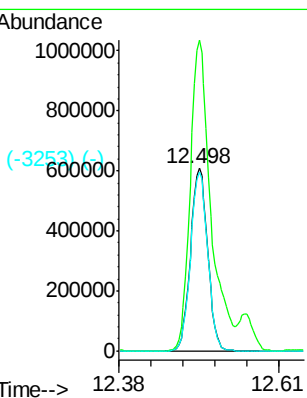
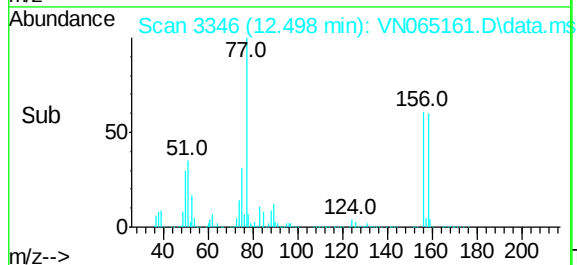
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



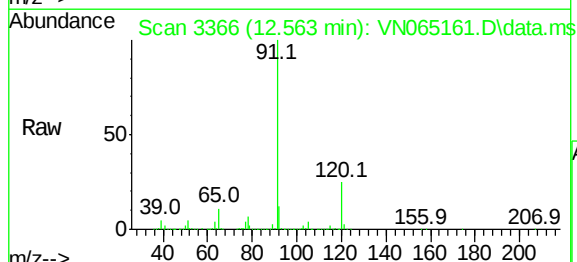
Tgt Ion:156 Resp: 1017578  
Ion Ratio Lower Upper  
156 100  
77 205.0 97.9 293.7  
158 97.9 48.7 146.1

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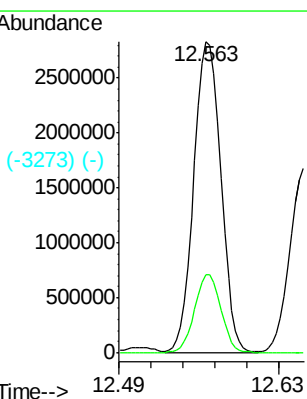
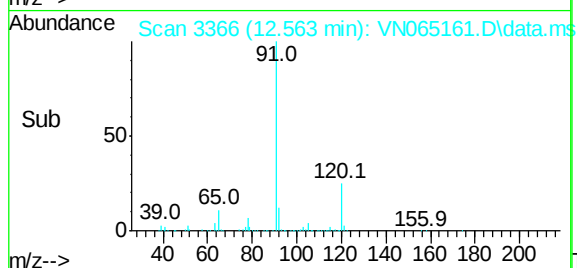
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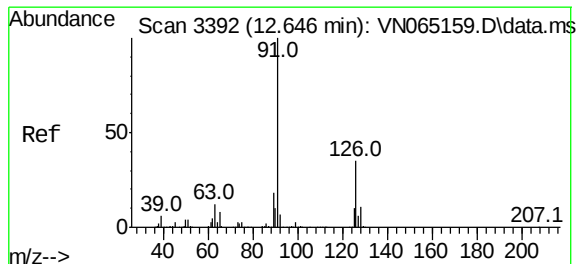


#335 (-)  
n-propylbenzene  
Concen: 173.33 ug/l  
RT: 12.563 min Scan# 3366  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



Tgt Ion: 91 Resp: 4610758  
Ion Ratio Lower Upper  
91 100  
120 24.1 11.8 35.4



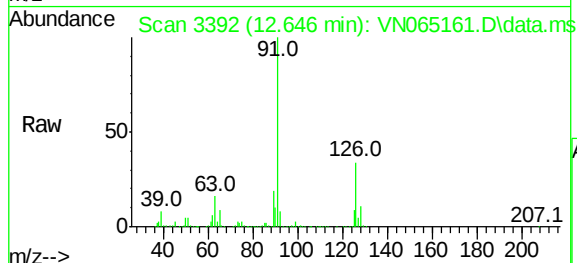


#3392 (-)  
2-Chlorotoluene  
Concen: 170.42 ug/l  
RT: 12.646 min Scan# 3392  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

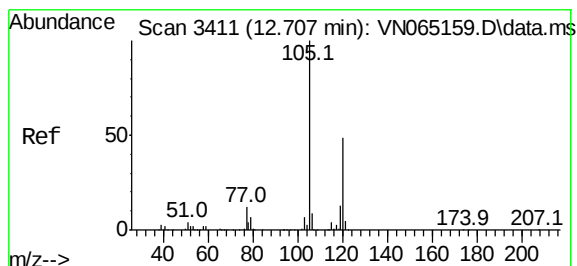
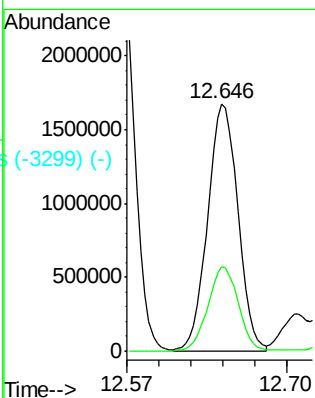
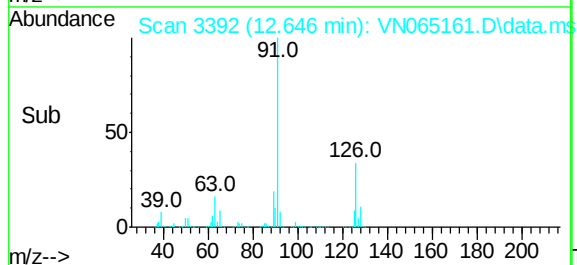
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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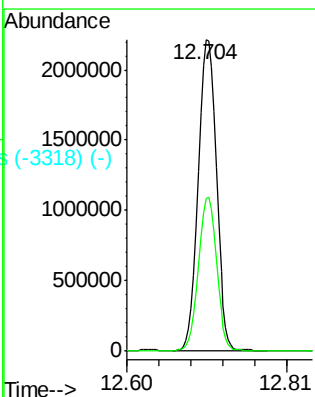
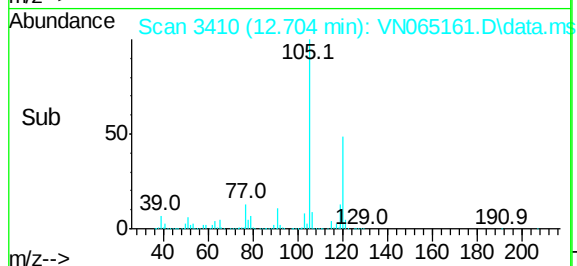
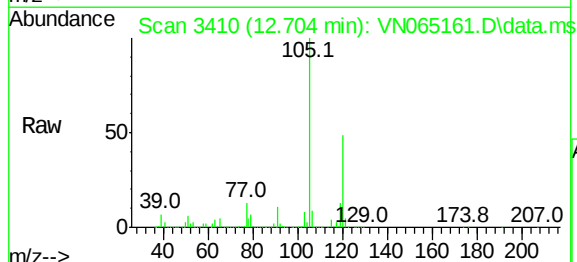


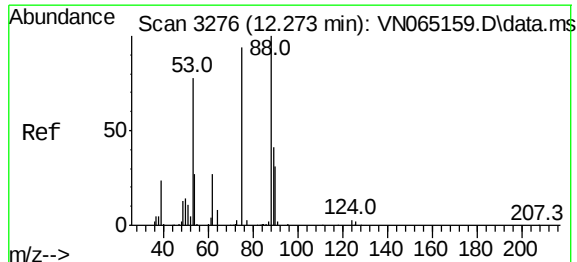
Tgt Ion: 91 Resp: 2812397  
Ion Ratio Lower Upper  
91 100  
126 33.8 17.5 52.6



#3411 (-)  
1,3,5-Trimethylbenzene  
Concen: 182.27 ug/l  
RT: 12.704 min Scan# 3410  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

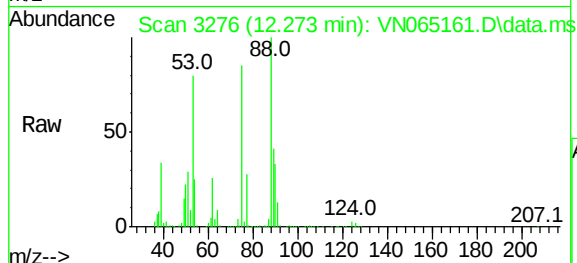
Tgt Ion: 105 Resp: 3569825  
Ion Ratio Lower Upper  
105 100  
120 48.9 24.6 73.8





#8166 (-)  
trans-1,4-Dichloro-2-butene  
Concen: 175.15 ug/l  
RT: 12.273 min Scan# 3276  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

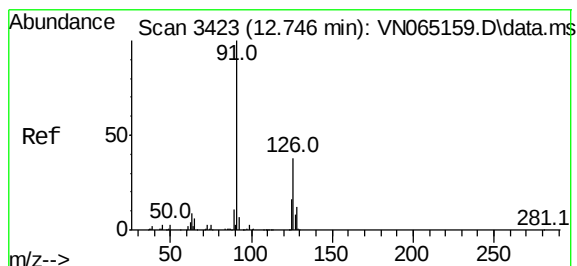
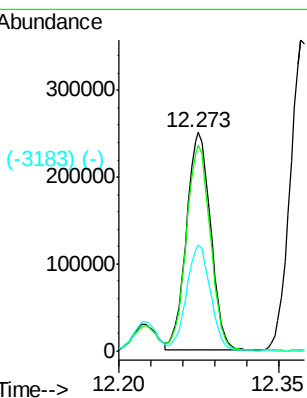
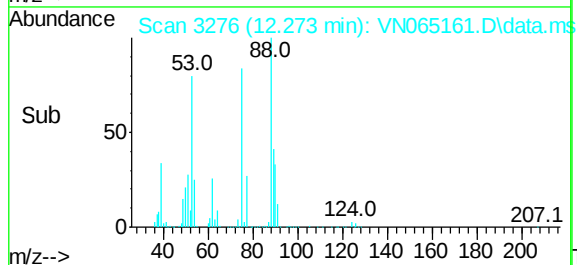
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150



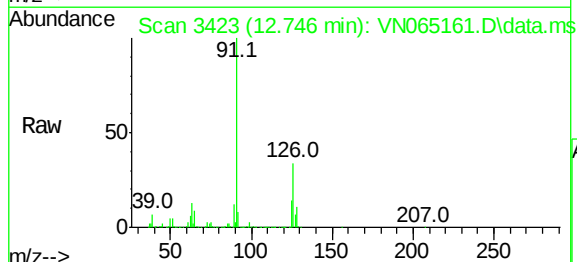
Tgt Ion: 75 Resp: 407112  
Ion Ratio Lower Upper  
75 100  
53 94.4 67.1 100.7  
89 48.0 37.2 55.8

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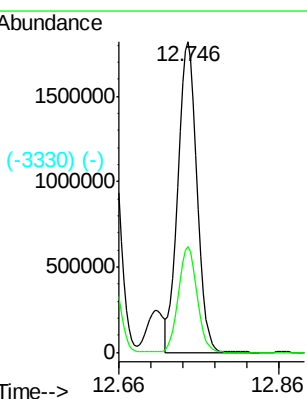
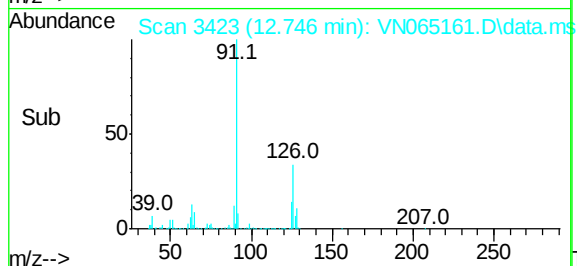
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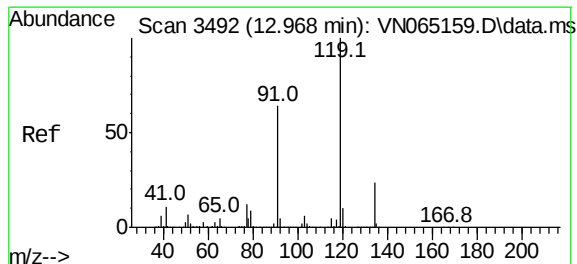


#8214 (-)  
4-Chlorotoluene  
Concen: 178.63 ug/l  
RT: 12.746 min Scan# 3423  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



Tgt Ion: 91 Resp: 2989399  
Ion Ratio Lower Upper  
91 100  
126 33.5 17.2 51.5





#8377 (-)  
tert-Butylbenzene  
Concen: 183.43 ug/l  
RT: 12.968 min Scan# 3492  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

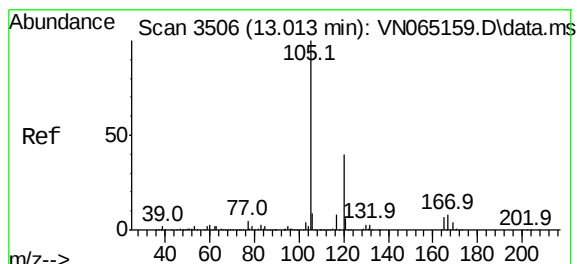
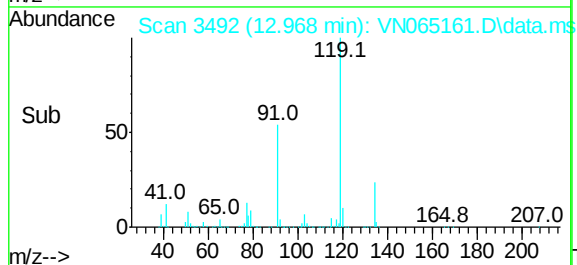
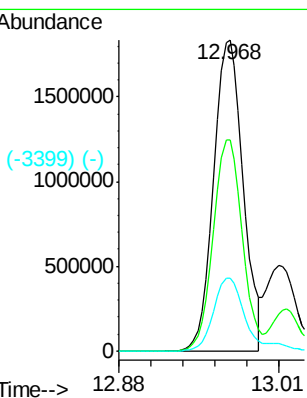
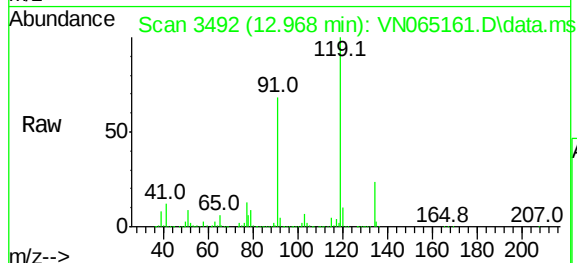
Tgt Ion:119 Resp: 2991440

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 119 | 100   |       |       |
| 91  | 67.4  | 31.3  | 93.9  |
| 134 | 25.4  | 12.6  | 37.8  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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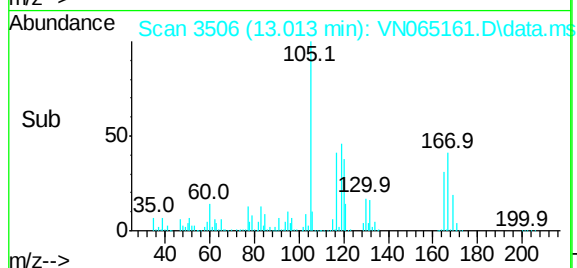
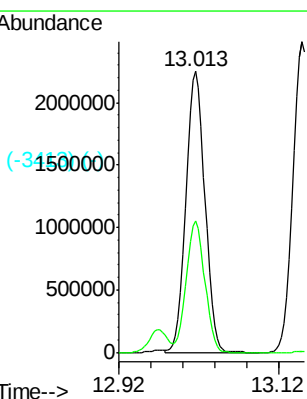
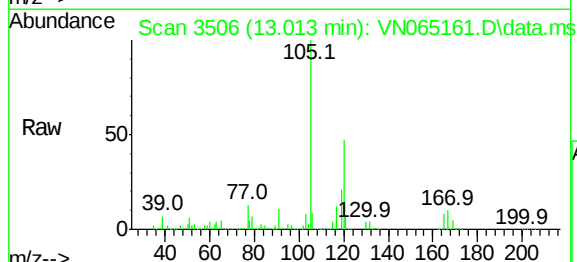
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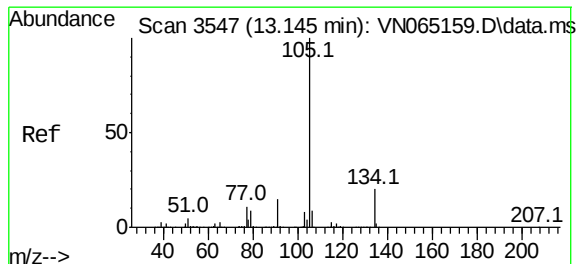


#8494 (-)  
1,2,4-Trimethylbenzene  
Concen: 182.15 ug/l  
RT: 13.013 min Scan# 3506  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:105 Resp: 3589854

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 46.1  | 22.9  | 68.5  |



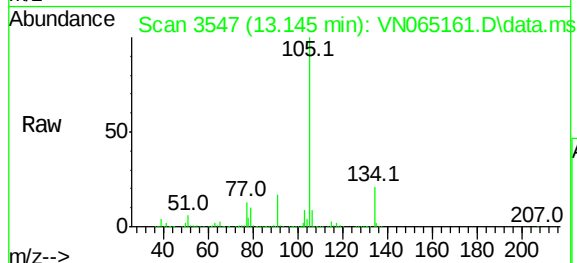


#3533 (-)  
 sec-Butylbenzene  
 Concen: 187.81 ug/l  
 RT: 13.145 min Scan# 3547  
 Delta R.T. 0.000 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

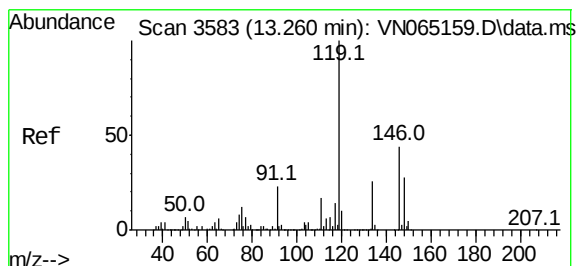
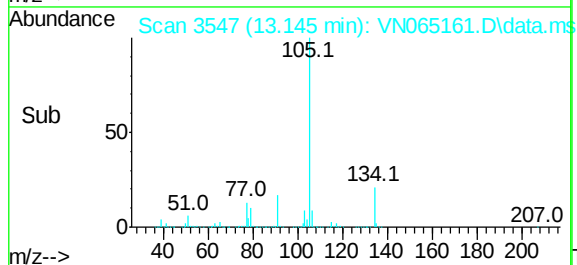
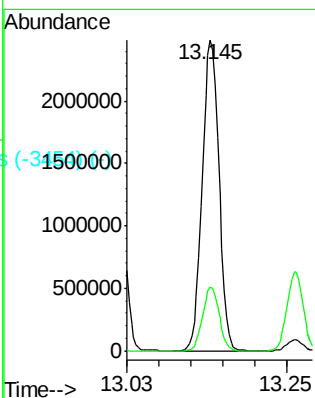
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

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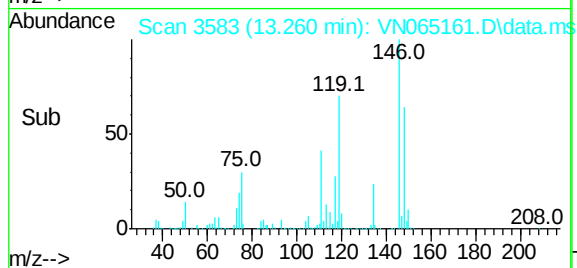
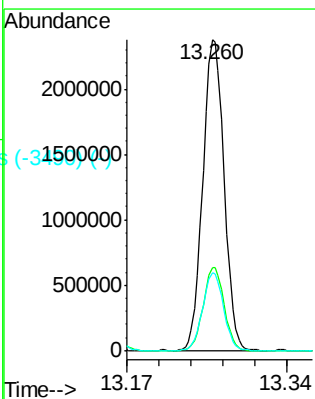
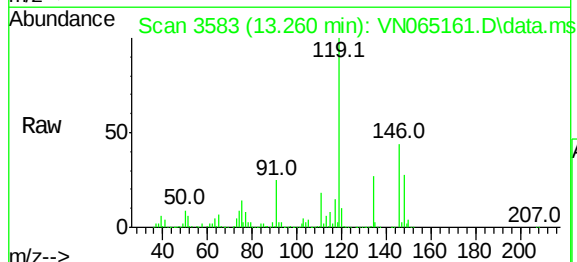


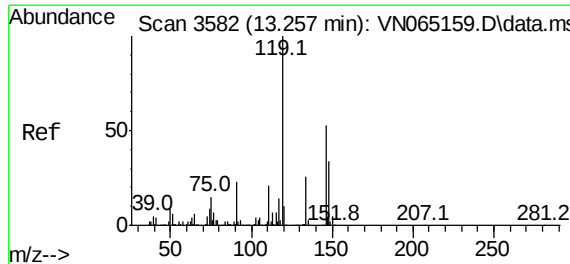
Tgt Ion:105 Resp: 3972183  
 Ion Ratio Lower Upper  
 105 100  
 134 20.2 10.0 30.0



#3570 (-)  
 p-Isopropyltoluene  
 Concen: 194.15 ug/l  
 RT: 13.260 min Scan# 3583  
 Delta R.T. 0.000 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

Tgt Ion:119 Resp: 3758576  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 13.3 39.8  
 91 24.5 11.5 34.5





#8367 (-)  
1,3-Dichlorobenzene  
Concen: 161.47 ug/l  
RT: 13.254 min Scan# 3581  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

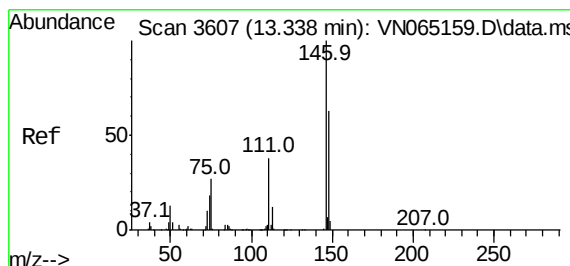
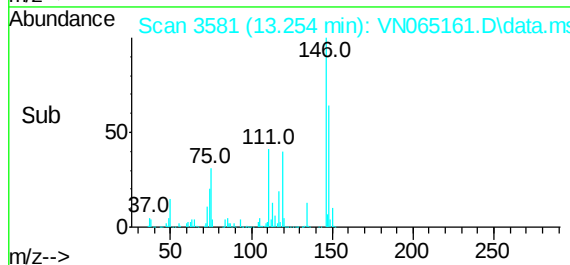
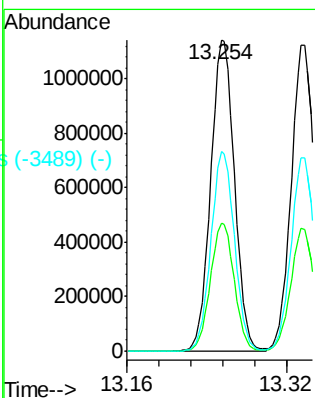
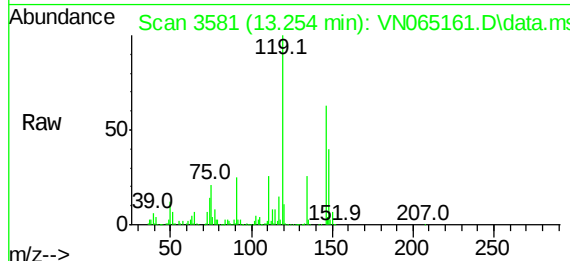
Tgt Ion:146 Resp: 1885045

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 41.0  | 19.7  | 59.1  |
| 148 | 63.6  | 32.1  | 96.3  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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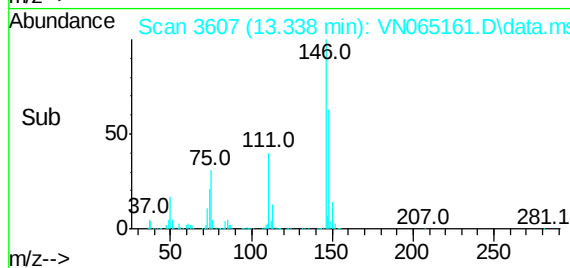
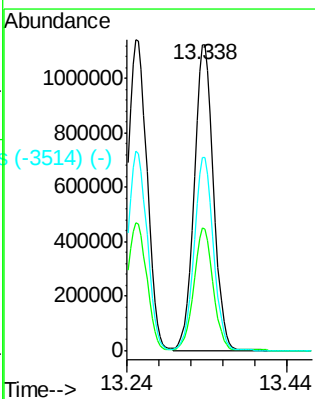
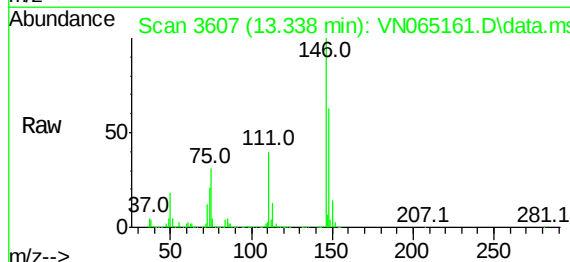
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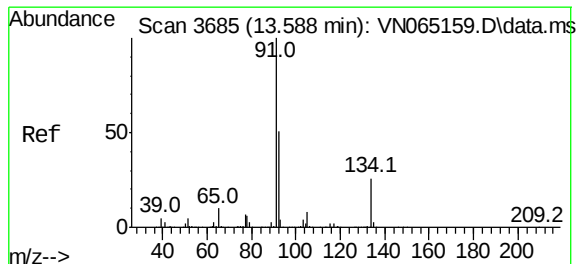


#8365 (-)  
1,4-Dichlorobenzene  
Concen: 154.36 ug/l  
RT: 13.338 min Scan# 3607  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:146 Resp: 1846348

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 39.8  | 19.4  | 58.2  |
| 148 | 63.3  | 31.6  | 95.0  |





#868 (-)  
n-Butylbenzene  
Concen: 196.94 ug/l  
RT: 13.588 min Scan# 3685  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

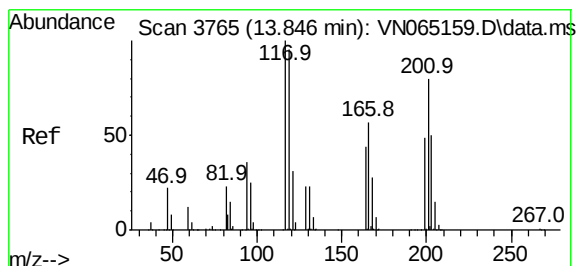
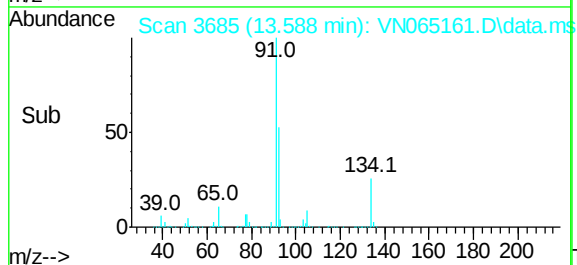
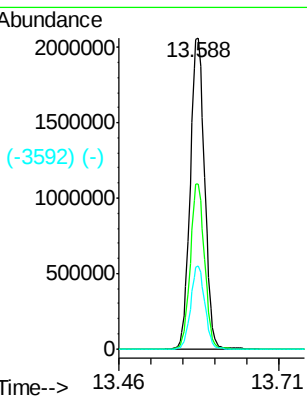
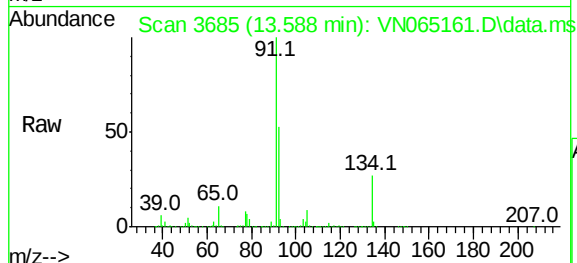
Tgt Ion: 91 Resp: 3177325

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 92  | 52.3  | 25.5  | 76.5  |
| 134 | 26.0  | 13.2  | 39.5  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

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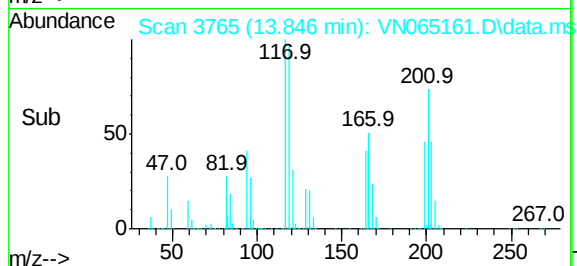
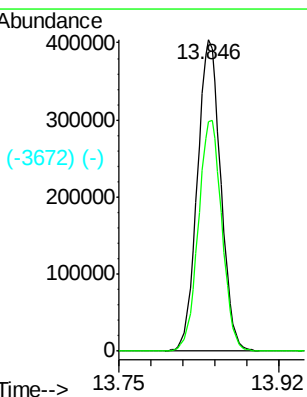
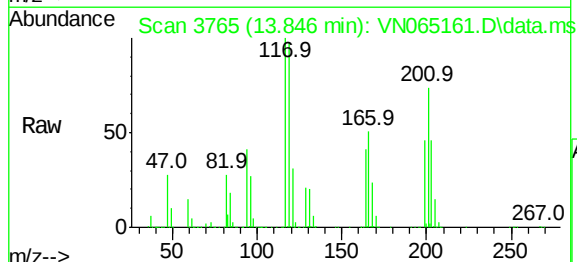
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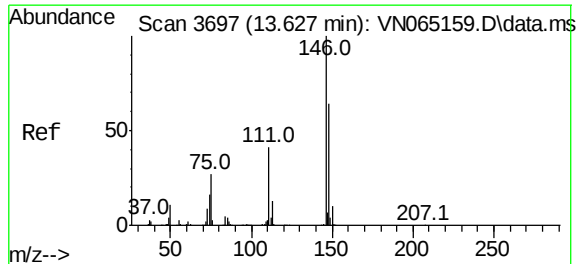


#9050 (-)  
Hexachloroethane  
Concen: 180.28 ug/l  
RT: 13.846 min Scan# 3765  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 117 Resp: 676445

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 117 | 100   |       |       |
| 201 | 74.3  | 41.2  | 123.6 |





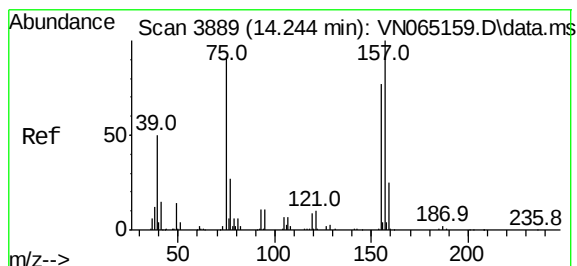
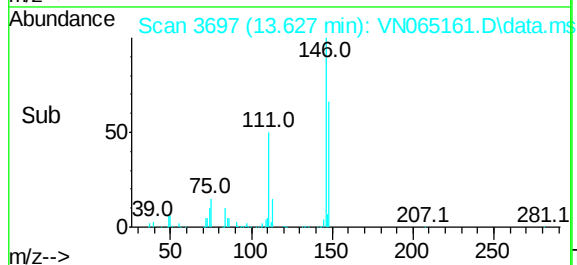
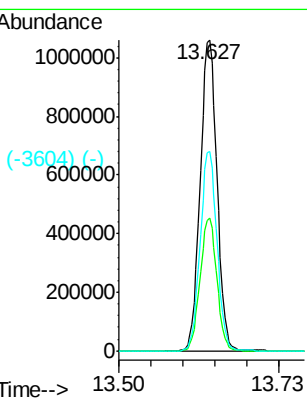
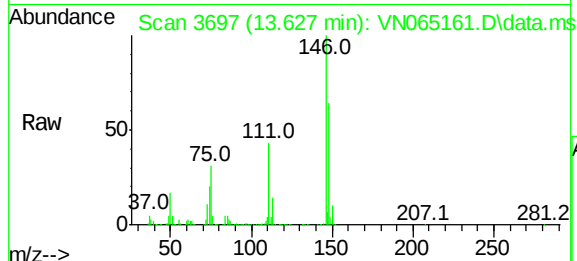
#981 (-)  
1,2-Dichlorobenzene  
Concen: 159.67 ug/l  
RT: 13.627 min Scan# 3697  
Delta R.T. 0.000 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion:146 Resp: 1788748  
Ion Ratio Lower Upper  
146 100  
111 42.5 20.5 61.5  
148 64.0 31.9 95.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
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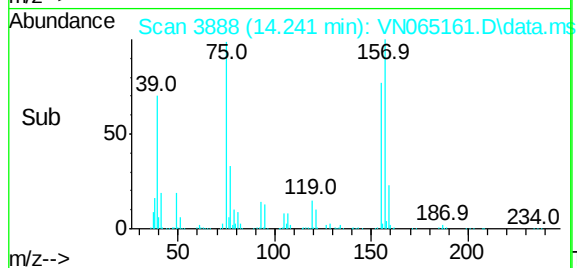
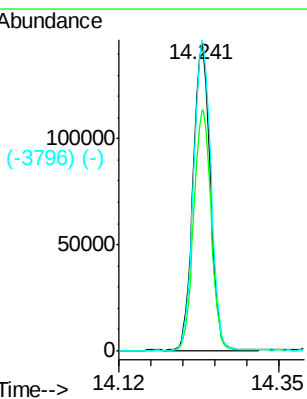
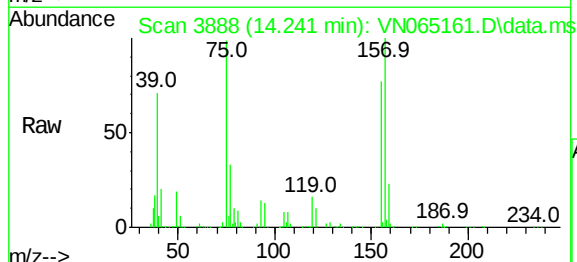
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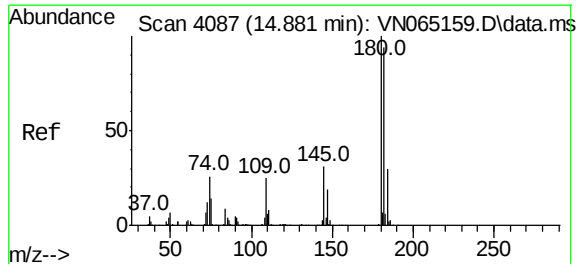
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#9874 (-)  
1,2-Dibromo-3-Chloropropane  
Concen: 174.78 ug/l  
RT: 14.241 min Scan# 3888  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

Tgt Ion: 75 Resp: 244785  
Ion Ratio Lower Upper  
75 100  
155 78.9 43.5 130.4  
157 101.8 56.0 168.0



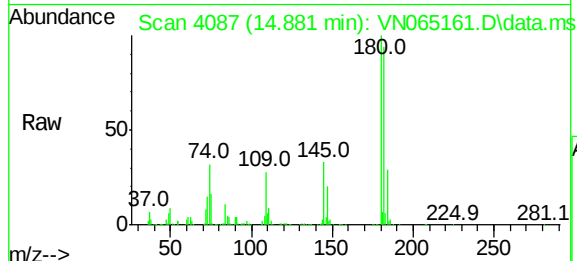


Scan 4087 (14.881 min): VN065159.D\data.ms (#972) (-)  
 1,2,4-Trichlorobenzene  
 Concen: 183.87 ug/l  
 RT: 14.881 min Scan# 4087  
 Delta R.T. 0.000 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

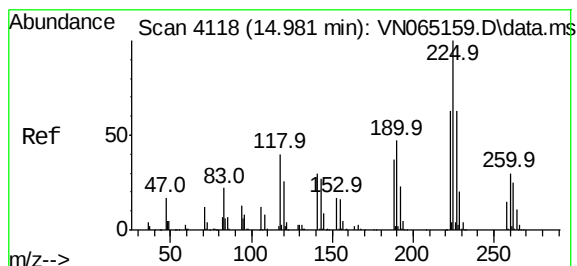
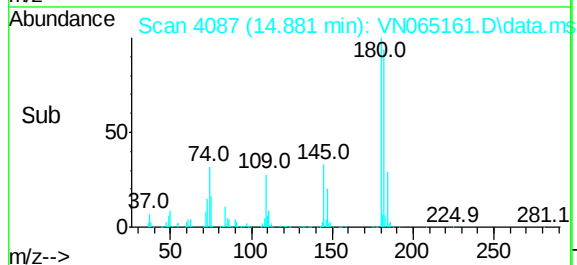
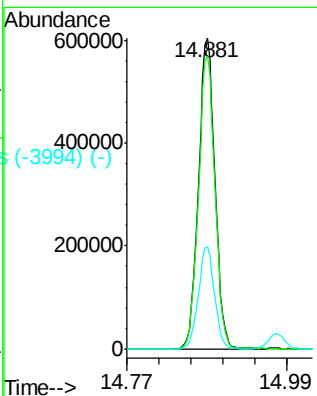
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

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Tgt Ion:180 Resp: 978644  
 Ion Ratio Lower Upper  
 180 100  
 182 95.0 47.0 141.2  
 145 32.3 15.3 45.8

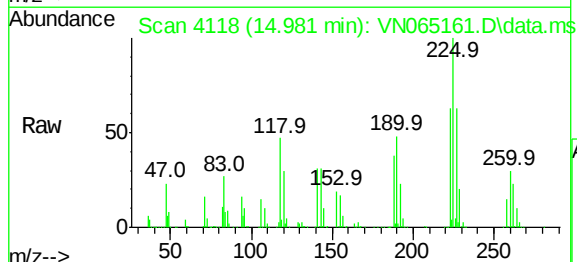


Scan 4118 (14.981 min): VN065159.D\data.ms (#914) (-)  
 Hexachlorobutadiene  
 Concen: 137.88 ug/l  
 RT: 14.981 min Scan# 4118  
 Delta R.T. 0.000 min  
 Lab File: VN065161.D  
 Acq: 15 Dec 2020 23:41

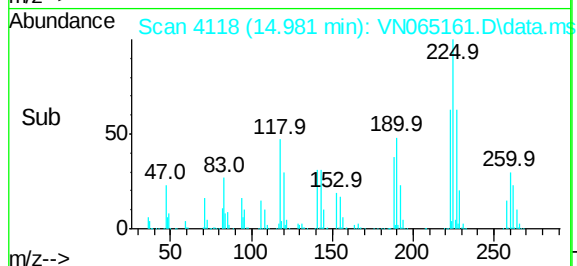
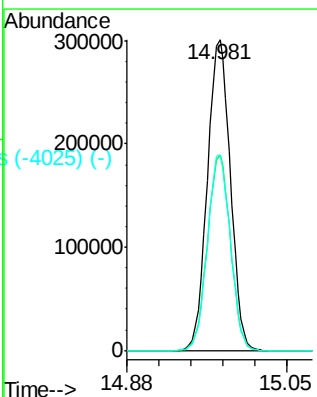
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDIC150

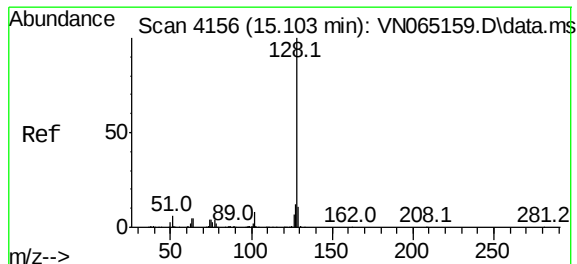
Manual Integrations  
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MMDadoda  
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Tgt Ion:225 Resp: 496151  
 Ion Ratio Lower Upper  
 225 100  
 223 63.1 31.2 93.6  
 227 62.9 30.9 92.8



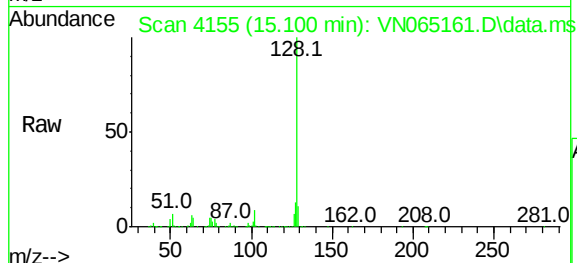


#2540 (-)  
Naphthalene  
Concen: 206.21 ug/l  
RT: 15.100 min Scan# 4155  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41

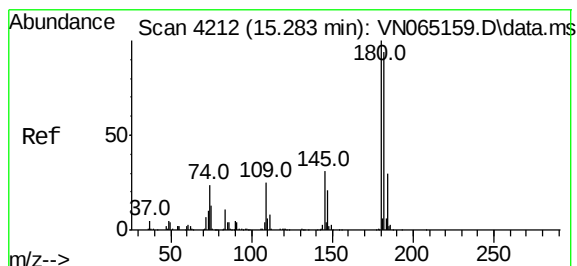
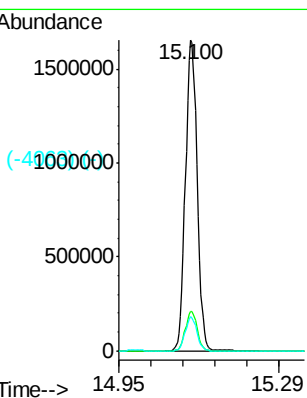
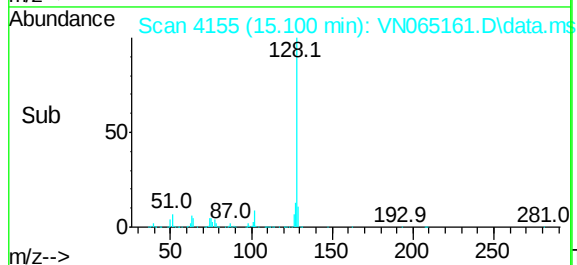
Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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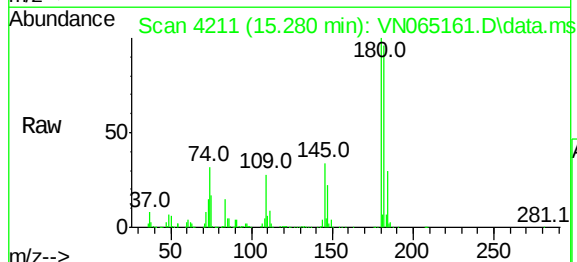
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Tgt Ion:128 Resp: 2886537  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 10.8 8.6 13.0



#2546 (-)  
1,2,3-Trichlorobenzene  
Concen: 184.70 ug/l  
RT: 15.280 min Scan# 4211  
Delta R.T. -0.003 min  
Lab File: VN065161.D  
Acq: 15 Dec 2020 23:41



Tgt Ion:180 Resp: 910386  
Ion Ratio Lower Upper  
180 100  
182 96.1 47.6 142.9  
145 34.1 16.2 48.5

