

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062921\  
 Data File : VN067568.D  
 Acq On : 29 Jun 2021 21:22  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda

7/5/2021 1:52:48 PM

Quant Time: Jun 30 03:41:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 28 14:31:03 2021  
 Response via : Initial Calibration

| Compound                     | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                        |                |      |                     |         |        |          |
| Internal Standards           |                |      |                     |         |        |          |
| 1) Pentafluorobenzene        | 8.086          | 168  | 229241              | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene      | 8.968          | 114  | 441965              | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5         | 11.746         | 117  | 455255              | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.677         | 152  | 231072              | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds  |                |      |                     |         |        |          |
| 33) 1,2-Dichloroethane-d4    | 8.440          | 65   | 172112              | 54.859  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 61 - 141 |      | Recovery = 109.720% |         |        |          |
| 35) Dibromofluoromethane     | 8.024          | 113  | 132687              | 48.423  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 69 - 133 |      | Recovery = 96.840%  |         |        |          |
| 50) Toluene-d8               | 10.443         | 98   | 594526              | 53.410  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 65 - 126 |      | Recovery = 106.820% |         |        |          |
| 62) 4-Bromofluorobenzene     | 12.733         | 95   | 221385              | 56.939  | ug/l   | 0.00     |
| Spiked Amount 50.000         | Range 58 - 135 |      | Recovery = 113.880% |         |        |          |
| Target Compounds             |                |      |                     |         |        |          |
|                              |                |      |                     |         | Qvalue |          |
| 2) Dichlorodifluoromethane   | 2.070          | 85   | 89064               | 37.555  | ug/l   | 99       |
| 3) Chloromethane             | 2.301          | 50   | 138503              | 48.528  | ug/l   | 98       |
| 4) Vinyl Chloride            | 2.440          | 62   | 225702              | 58.817  | ug/l   | 96       |
| 5) Bromomethane              | 2.834          | 94   | 160863              | 56.984  | ug/l   | 99       |
| 6) Chloroethane              | 3.006          | 64   | 161368              | 60.295  | ug/l   | 95       |
| 7) Trichlorofluoromethane    | 3.365          | 101  | 426760              | 61.896  | ug/l   | 99       |
| 8) Diethyl Ether             | 3.813          | 74   | 87919               | 55.033  | ug/l   | 87       |
| 9) 1,1,2-Trichlorotrifluo... | 4.202          | 101  | 93601               | 41.124  | ug/l   | 98       |
| 10) Methyl Iodide            | 4.414          | 142  | 112188              | 37.815  | ug/l   | 93       |
| 11) Tert butyl alcohol       | 5.390          | 59   | 103555              | 221.119 | ug/l # | 82       |
| 12) 1,1-Dichloroethene       | 4.173          | 96   | 89423               | 40.190  | ug/l   | 87       |
| 13) Acrolein                 | 4.036          | 56   | 58226               | 189.261 | ug/l   | 99       |
| 14) Allyl chloride           | 4.835          | 41   | 156543              | 43.038  | ug/l # | 92       |
| 15) Acrylonitrile            | 5.559          | 53   | 288616              | 239.777 | ug/l   | 99       |
| 16) Acetone                  | 4.291          | 43   | 212523              | 205.367 | ug/l   | 93       |
| 17) Carbon Disulfide         | 4.521          | 76   | 245628              | 39.154  | ug/l   | 98       |
| 18) Methyl Acetate           | 4.854          | 43   | 127655              | 46.244  | ug/l   | 93       |
| 19) Methyl tert-butyl Ether  | 5.618          | 73   | 411311              | 48.208  | ug/l   | 100      |
| 20) Methylene Chloride       | 5.090          | 84   | 116665              | 42.938  | ug/l   | 89       |
| 21) trans-1,2-Dichloroethene | 5.591          | 96   | 116894              | 46.324  | ug/l   | 87       |
| 22) Diisopropyl ether        | 6.498          | 45   | 443386              | 56.137  | ug/l # | 96       |
| 23) Vinyl Acetate            | 6.436          | 43   | 1890090             | 285.448 | ug/l # | 94       |
| 24) 1,1-Dichloroethane       | 6.385          | 63   | 227367              | 49.329  | ug/l   | 98       |
| 25) 2-Butanone               | 7.340          | 43   | 450577              | 282.334 | ug/l   | 92       |
| 26) 2,2-Dichloropropane      | 7.327          | 77   | 188901              | 44.221  | ug/l   | 93       |
| 27) cis-1,2-Dichloroethene   | 7.327          | 96   | 154731              | 50.689  | ug/l   | 85       |
| 28) Bromochloromethane       | 7.659          | 49   | 113383              | 52.566  | ug/l # | 76       |
| 29) Tetrahydrofuran          | 7.689          | 42   | 304746              | 286.770 | ug/l   | 88       |
| 30) Chloroform               | 7.820          | 83   | 287368              | 56.674  | ug/l   | 99       |
| 31) Cyclohexane              | 8.094          | 56   | 230894              | 54.175  | ug/l   | 92       |
| 32) 1,1,1-Trichloroethane    | 8.016          | 97   | 261050              | 56.699  | ug/l   | 97       |
| 36) 1,1-Dichloropropene      | 8.222          | 75   | 207317              | 51.960  | ug/l   | 96       |
| 37) Ethyl Acetate            | 7.418          | 43   | 189925              | 51.838  | ug/l   | 98       |
| 38) Carbon Tetrachloride     | 8.206          | 117  | 222163              | 51.978  | ug/l   | 99       |
| 39) Methylcyclohexane        | 9.461          | 83   | 245252              | 50.779  | ug/l   | 90       |
| 40) Benzene                  | 8.461          | 78   | 637560              | 52.774  | ug/l   | 99       |

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 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
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7/5/2021 1:52:48 PM

Quant Time: Jun 30 03:41:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jun 28 14:31:03 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|----------|--------|----------|
| 41) Methacrylonitrile         | 7.638  | 41   | 91755    | 50.238   | ug/l # | 88       |
| 42) 1,2-Dichloroethane        | 8.531  | 62   | 225034   | 53.966   | ug/l   | 95       |
| 43) Isopropyl Acetate         | 8.566  | 43   | 343079   | 54.816   | ug/l # | 95       |
| 44) Trichloroethene           | 9.217  | 130  | 155818   | 49.521   | ug/l   | 90       |
| 45) 1,2-Dichloropropane       | 9.491  | 63   | 157378   | 52.035   | ug/l   | 100      |
| 46) Dibromomethane            | 9.579  | 93   | 118812   | 55.175   | ug/l   | 97       |
| 47) Bromodichloromethane      | 9.764  | 83   | 235411   | 55.265   | ug/l   | 97       |
| 48) Methyl methacrylate       | 9.563  | 41   | 148061   | 54.025   | ug/l # | 88       |
| 49) 1,4-Dioxane               | 9.574  | 88   | 58774    | 1024.107 | ug/l   | 85       |
| 51) 4-Methyl-2-Pentanone      | 10.333 | 43   | 1084302  | 287.158  | ug/l   | 92       |
| 52) Toluene                   | 10.507 | 92   | 459691   | 58.240   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene     | 10.719 | 75   | 260408   | 51.827   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene   | 10.191 | 75   | 261915   | 54.229   | ug/l # | 86       |
| 55) 1,1,2-Trichloroethane     | 10.902 | 97   | 173702   | 56.396   | ug/l   | 96       |
| 56) Ethyl methacrylate        | 10.765 | 69   | 275880   | 59.240   | ug/l # | 84       |
| 57) 1,3-Dichloropropane       | 11.046 | 76   | 279194   | 56.001   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 10.043 | 63   | 325920   | 286.545  | ug/l   | 91       |
| 59) 2-Hexanone                | 11.089 | 43   | 779810   | 292.520  | ug/l   | 89       |
| 60) Dibromochloromethane      | 11.242 | 129  | 192326   | 51.611   | ug/l   | 99       |
| 61) 1,2-Dibromoethane         | 11.350 | 107  | 184021   | 58.355   | ug/l   | 99       |
| 64) Tetrachloroethene         | 10.979 | 164  | 148490   | 46.550   | ug/l   | 97       |
| 65) Chlorobenzene             | 11.773 | 112  | 487831   | 52.222   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane | 11.846 | 131  | 184823   | 55.267   | ug/l   | 100      |
| 67) Ethyl Benzene             | 11.848 | 91   | 906604   | 53.765   | ug/l   | 95       |
| 68) m/p-Xylenes               | 11.956 | 106  | 717897   | 110.584  | ug/l   | 85       |
| 69) o-Xylene                  | 12.283 | 106  | 353304   | 54.946   | ug/l   | 85       |
| 70) Styrene                   | 12.299 | 104  | 586242   | 51.330   | ug/l   | 92       |
| 71) Bromoform                 | 12.463 | 173  | 133210   | 47.732   | ug/l # | 100      |
| 73) Isopropylbenzene          | 12.583 | 105  | 917273   | 47.205   | ug/l   | 96       |
| 74) N-amyl acetate            | 12.390 | 43   | 312129   | 48.990   | ug/l # | 89       |
| 75) 1,1,2,2-Tetrachloroethane | 12.830 | 83   | 259350   | 47.056   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane    | 12.884 | 75   | 218176m  | 47.106   | ug/l   |          |
| 77) Bromobenzene              | 12.865 | 156  | 204353   | 47.400   | ug/l   | 73       |
| 78) n-propylbenzene           | 12.924 | 91   | 1033451  | 47.719   | ug/l   | 94       |
| 79) 2-Chlorotoluene           | 13.010 | 91   | 617327   | 46.657   | ug/l   | 90       |
| 80) 1,3,5-Trimethylbenzene    | 13.061 | 105  | 774006   | 48.605   | ug/l   | 94       |
| 81) trans-1,4-Dichloro-2-b... | 12.629 | 75   | 74610    | 46.314   | ug/l   | 89       |
| 82) 4-Chlorotoluene           | 13.109 | 91   | 625784   | 48.396   | ug/l   | 92       |
| 83) tert-Butylbenzene         | 13.326 | 119  | 663899   | 48.067   | ug/l   | 87       |
| 84) 1,2,4-Trimethylbenzene    | 13.372 | 105  | 767360   | 48.941   | ug/l   | 93       |
| 85) sec-Butylbenzene          | 13.503 | 105  | 906055   | 47.700   | ug/l   | 96       |
| 86) p-Isopropyltoluene        | 13.618 | 119  | 762570   | 49.914   | ug/l   | 93       |
| 87) 1,3-Dichlorobenzene       | 13.618 | 146  | 394127   | 49.374   | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene       | 13.696 | 146  | 391427   | 49.615   | ug/l   | 96       |
| 89) n-Butylbenzene            | 13.946 | 91   | 603481   | 47.896   | ug/l   | 97       |
| 90) Hexachloroethane          | 14.214 | 117  | 130879   | 48.678   | ug/l   | 97       |
| 91) 1,2-Dichlorobenzene       | 13.991 | 146  | 382917   | 50.354   | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.605 | 75   | 47593    | 49.364   | ug/l   | 69       |
| 93) 1,2,4-Trichlorobenzene    | 15.265 | 180  | 160020   | 47.802   | ug/l   | 100      |
| 94) Hexachlorobutadiene       | 15.372 | 225  | 69776    | 47.294   | ug/l   | 99       |
| 95) Naphthalene               | 15.509 | 128  | 521482   | 46.033   | ug/l   | 100      |
| 96) 1,2,3-Trichlorobenzene    | 15.702 | 180  | 153195   | 46.756   | ug/l   | 99       |

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Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.00mL/MSVOA\_N/WATER  
ALS Vial : 26 Sample Multiplier: 1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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7/5/2021 1:52:48 PM

Quant Time: Jun 30 03:41:56 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_N\methods\82N062821W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jun 28 14:31:03 2021  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_N\Data\VN062921\  
 Data File : VN067568.D  
 Acq On : 29 Jun 2021 21:22  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.00mL/MSVOA\_N/WATER  
 ALS Vial : 26 Sample Multiplier: 1

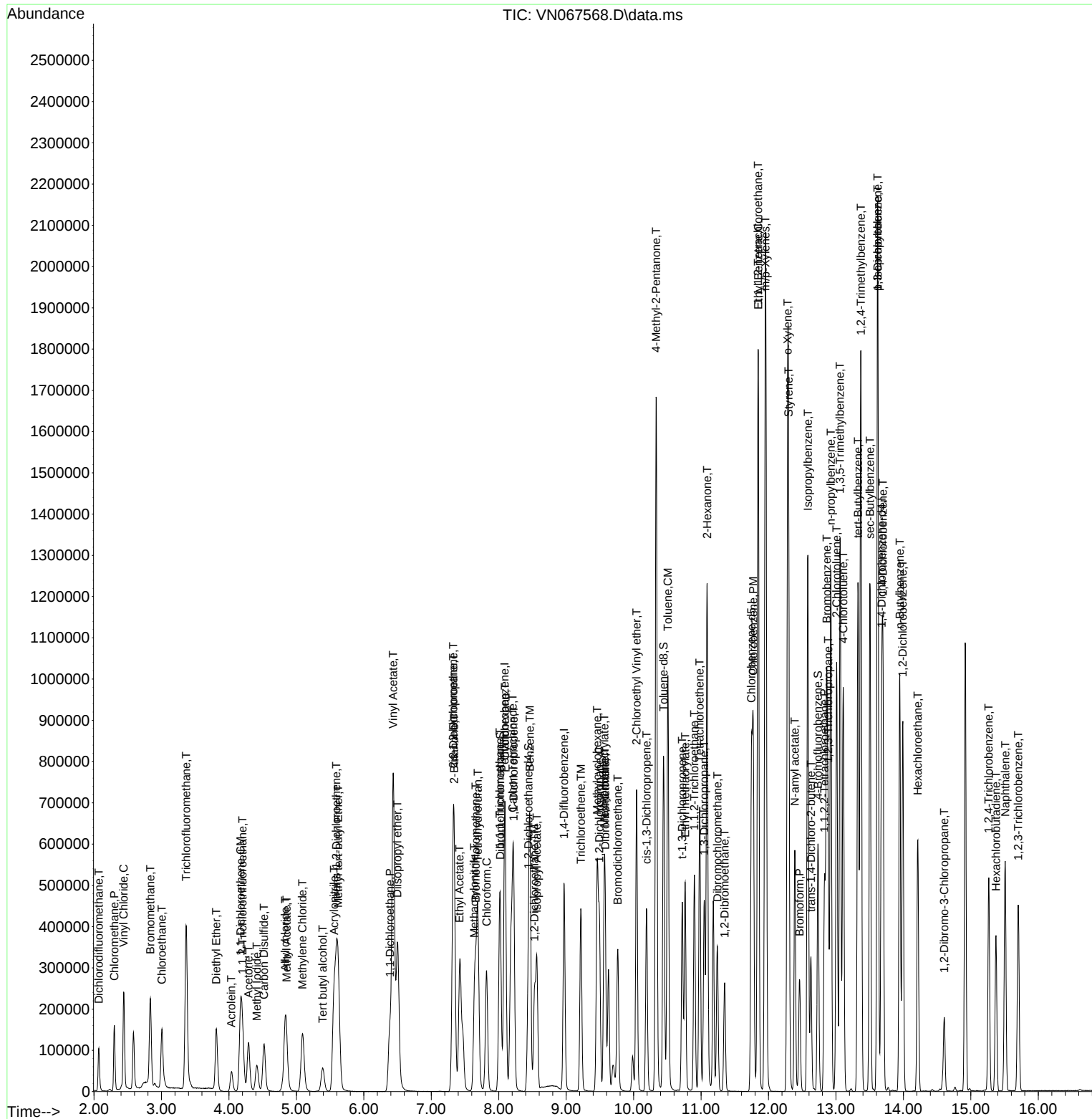
Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

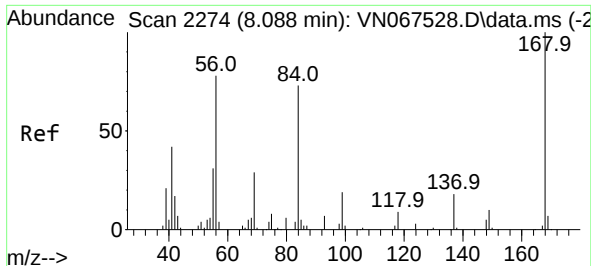
Manual Integrations  
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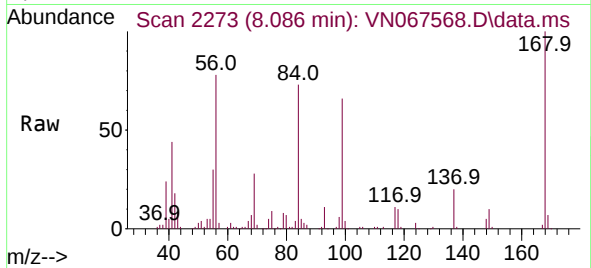
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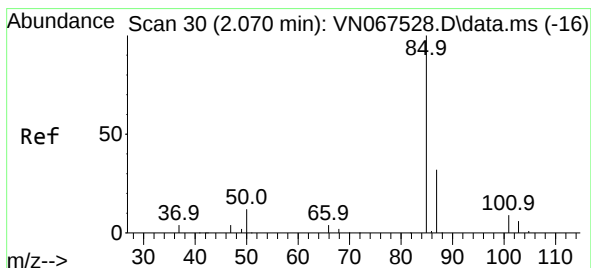
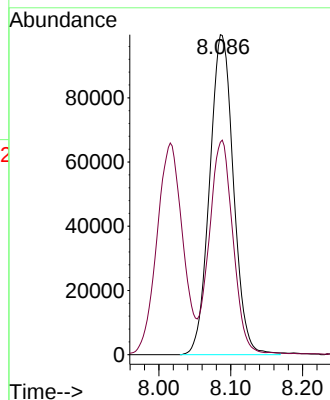
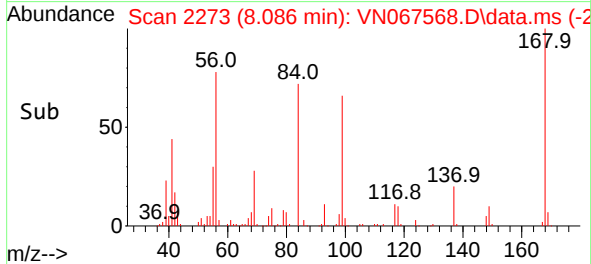




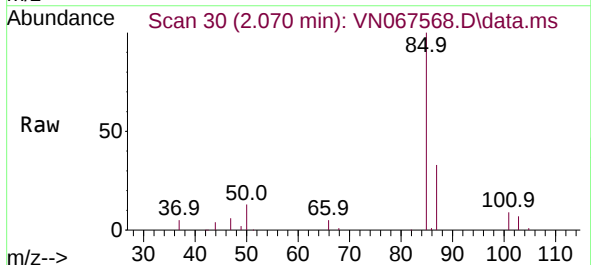
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 8.086 min Scan# 2273  
Delta R.T. -0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



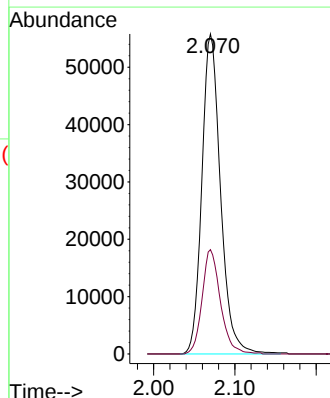
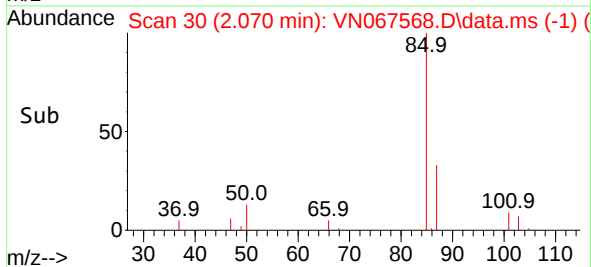
Tgt Ion:168 Resp: 229241  
Ion Ratio Lower Upper  
168 100  
99 65.9 62.9 94.3



#2  
Dichlorodifluoromethane  
Concen: 37.555 ug/l  
RT: 2.070 min Scan# 30  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 85 Resp: 89064  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.1 48.2

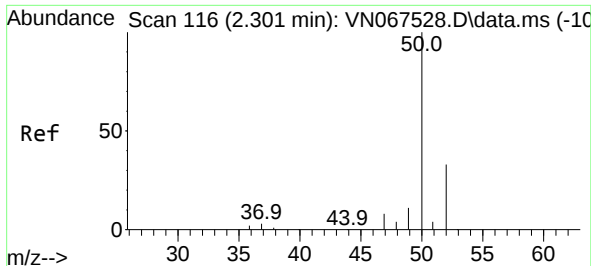


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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#3  
Chloromethane  
Concen: 48.528 ug/l  
RT: 2.301 min Scan# 116  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

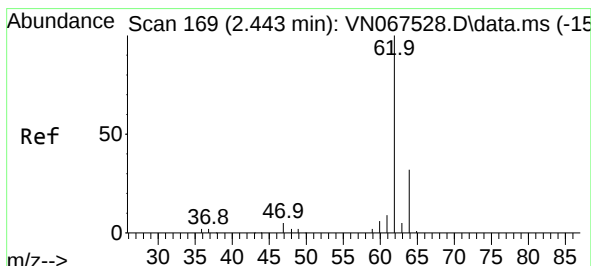
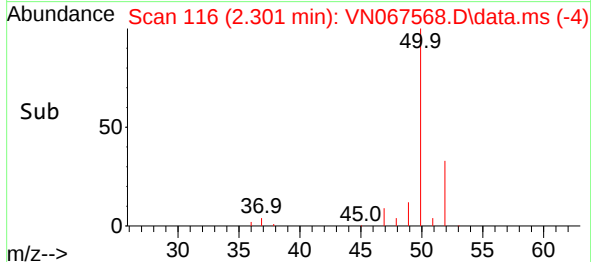
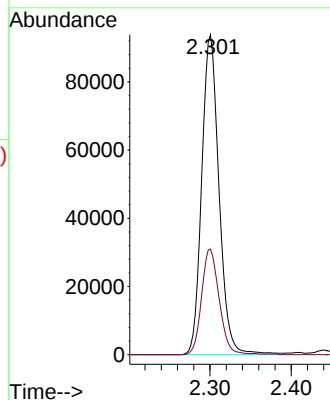
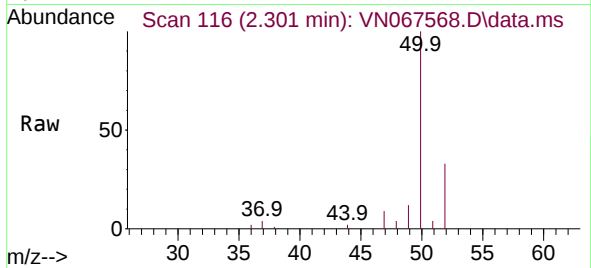
Tgt Ion: 50 Resp: 138503  
Ion Ratio Lower Upper  
50 100  
52 33.0 25.6 38.4

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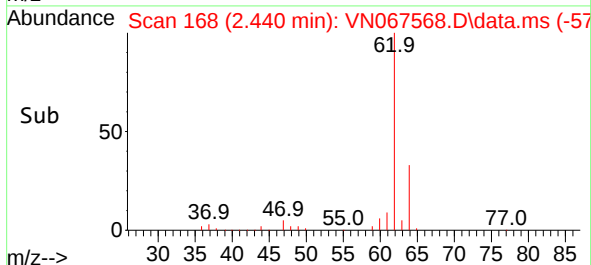
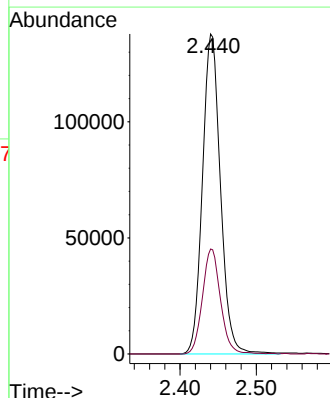
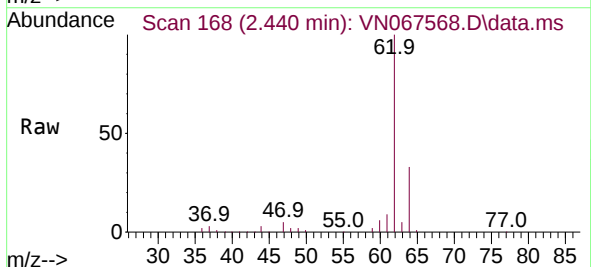
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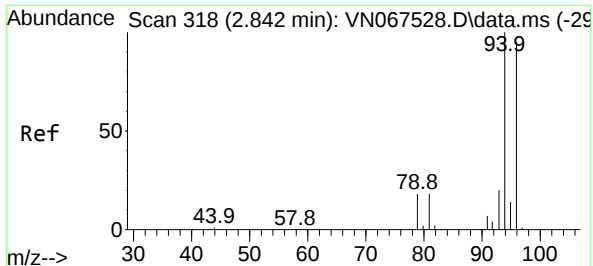
7/5/2021 1:52:48 PM



#4  
Vinyl Chloride  
Concen: 58.817 ug/l  
RT: 2.440 min Scan# 168  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 62 Resp: 225702  
Ion Ratio Lower Upper  
62 100  
64 32.8 24.4 36.6





#5  
Bromomethane  
Concen: 56.984 ug/l  
RT: 2.834 min Scan# 315  
Delta R.T. -0.008 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

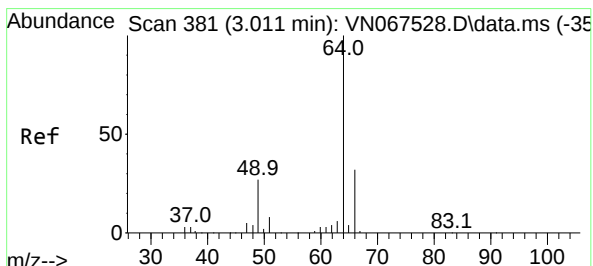
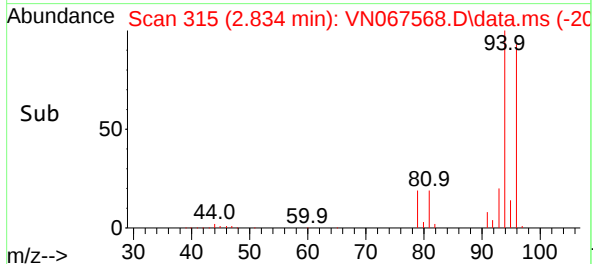
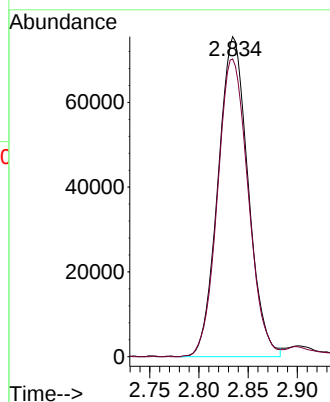
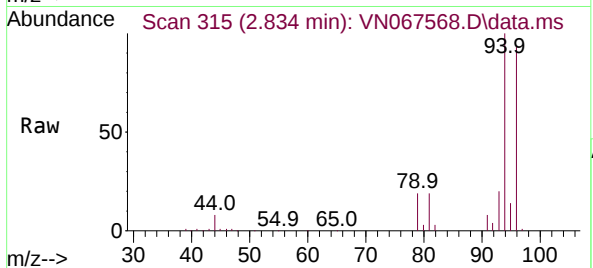
Tgt Ion: 94 Resp: 160863  
Ion Ratio Lower Upper  
94 100  
96 93.0 73.7 110.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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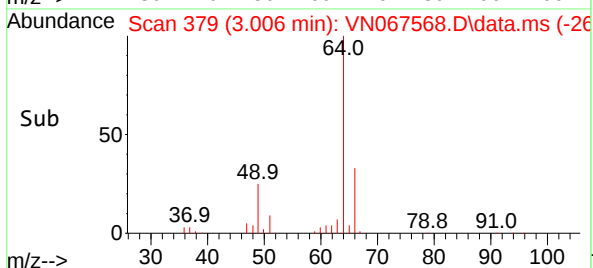
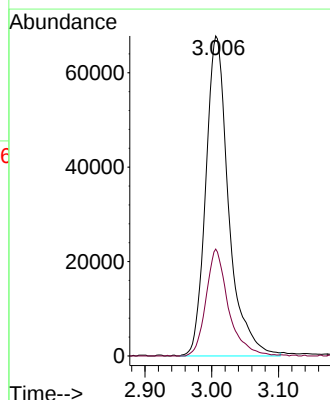
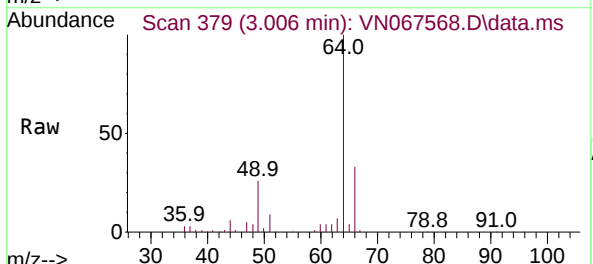
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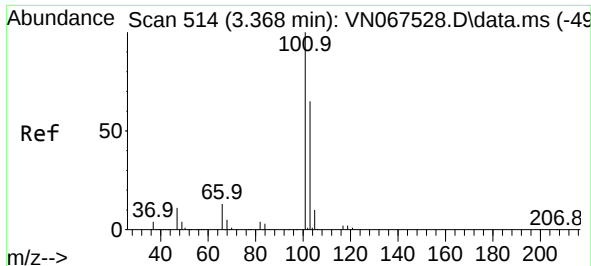
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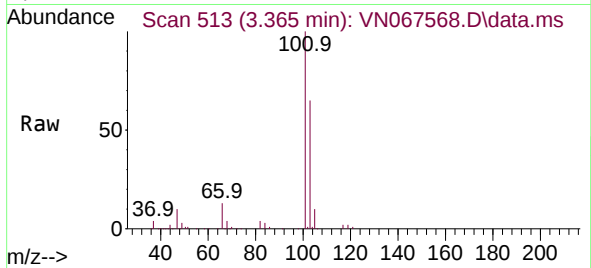
#6  
Chloroethane  
Concen: 60.295 ug/l  
RT: 3.006 min Scan# 379  
Delta R.T. -0.005 min  
Lab File: VN067568.D  
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Tgt Ion: 64 Resp: 161368  
Ion Ratio Lower Upper  
64 100  
66 33.4 24.7 37.1

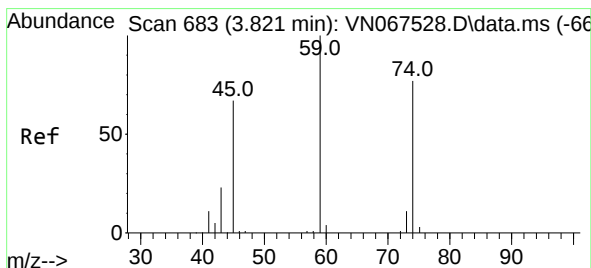
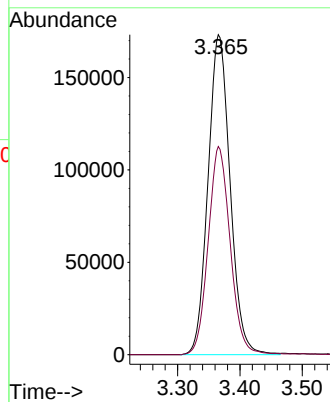
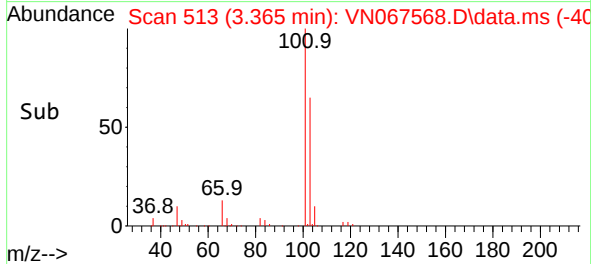




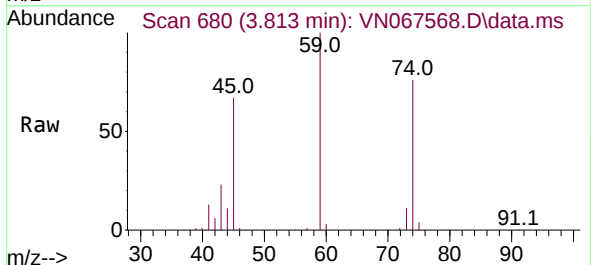
#7  
Trichlorofluoromethane  
Concen: 61.896 ug/l  
RT: 3.365 min Scan# 513  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



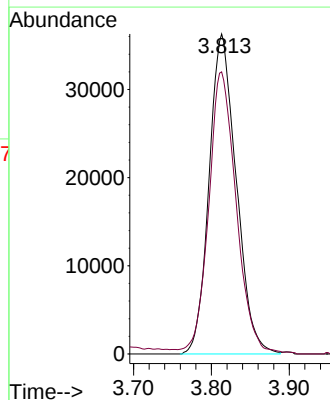
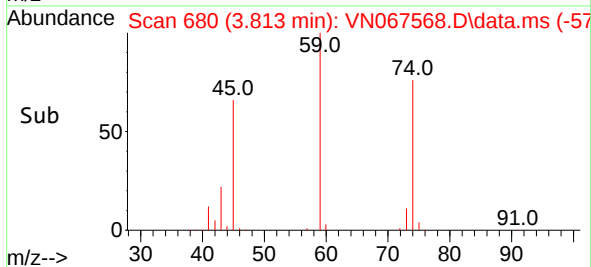
Tgt Ion:101 Resp: 426760  
Ion Ratio Lower Upper  
101 100  
103 65.1 51.2 76.8



#8  
Diethyl Ether  
Concen: 55.033 ug/l  
RT: 3.813 min Scan# 680  
Delta R.T. -0.008 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 74 Resp: 87919  
Ion Ratio Lower Upper  
74 100  
45 87.5 50.2 150.7

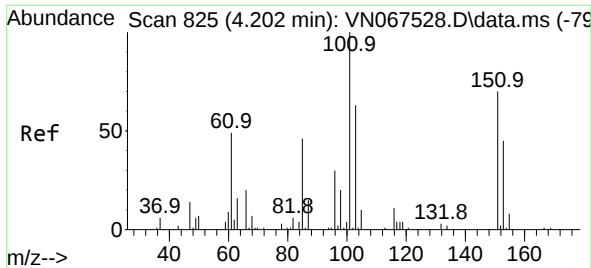


Instrument :  
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#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 41.124 ug/l  
RT: 4.202 min Scan# 825  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

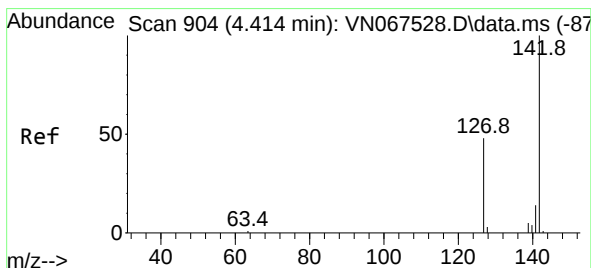
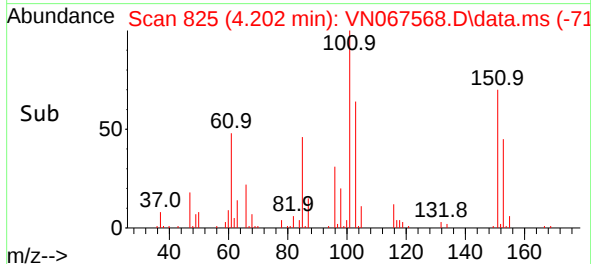
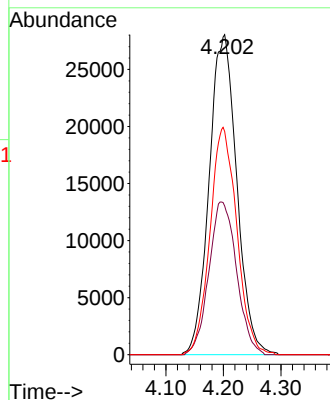
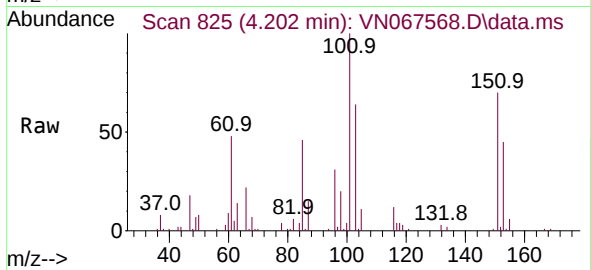
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 101   | Resp: | 93601 |
| Ion      | Ratio | Lower | Upper |
| 101      | 100   |       |       |
| 85       | 47.9  | 39.6  | 59.4  |
| 151      | 69.1  | 54.1  | 81.1  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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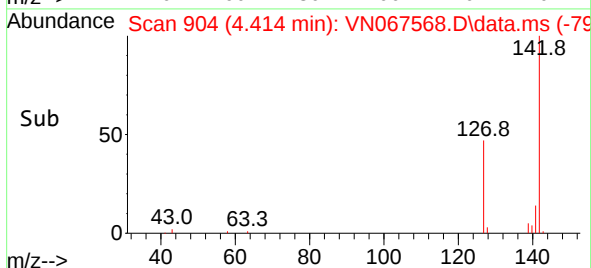
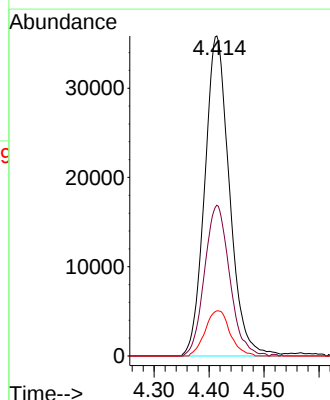
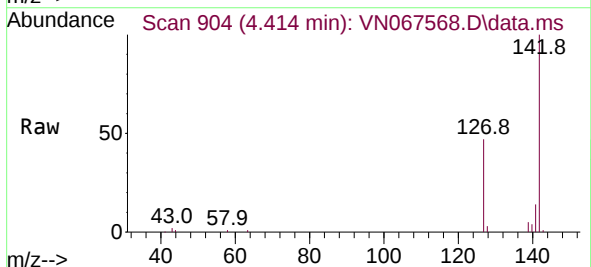
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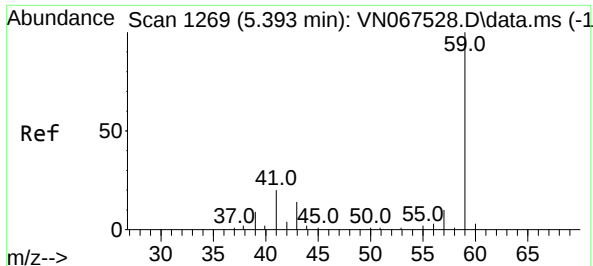
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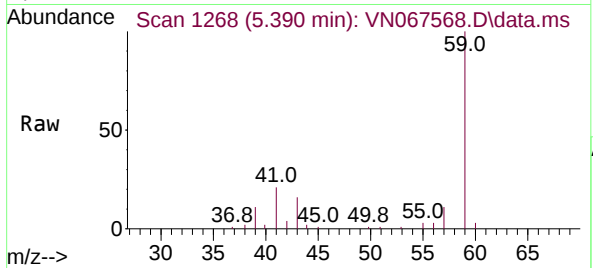
#10  
Methyl Iodide  
Concen: 37.815 ug/l  
RT: 4.414 min Scan# 904  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 142   | Resp: | 112188 |
| Ion      | Ratio | Lower | Upper  |
| 142      | 100   |       |        |
| 127      | 47.7  | 43.1  | 64.7   |
| 141      | 14.2  | 11.4  | 17.0   |

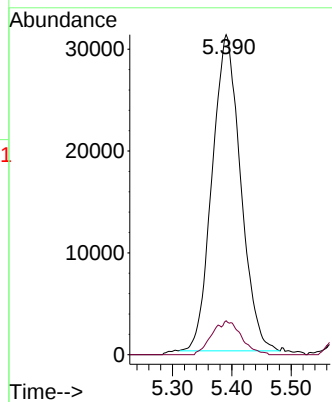
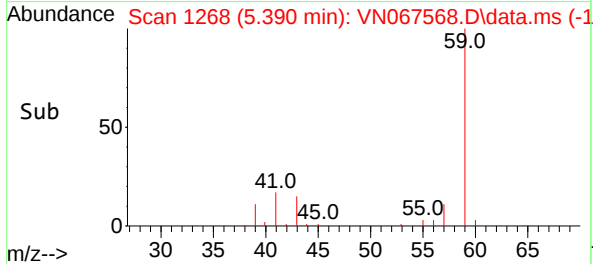




#11  
Tert butyl alcohol  
Concen: 221.119 ug/l  
RT: 5.390 min Scan# 1268  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 59 Resp: 103555  
Ion Ratio Lower Upper  
59 100  
57 4.1 8.7 13.1#

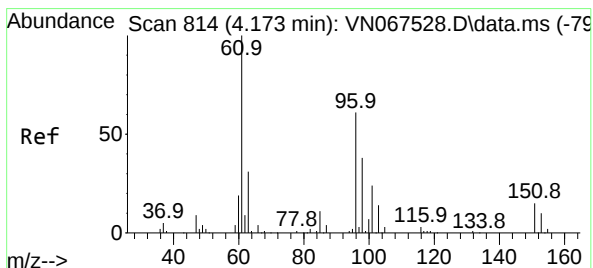


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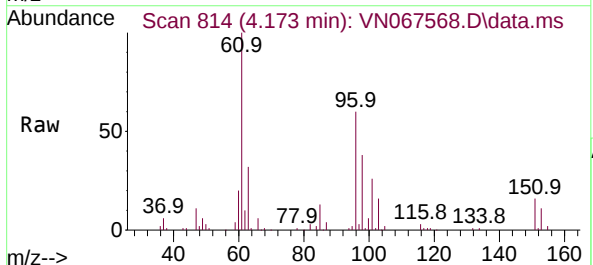
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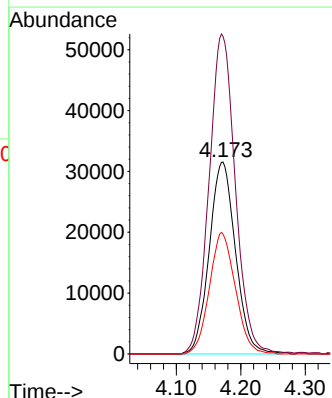
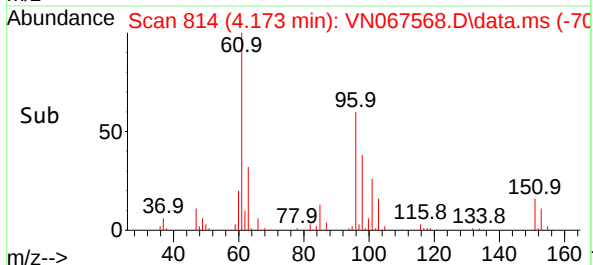
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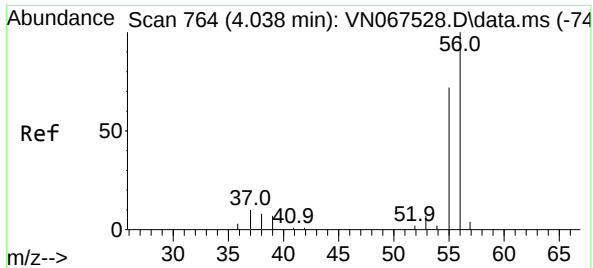


#12  
1,1-Dichloroethene  
Concen: 40.190 ug/l  
RT: 4.173 min Scan# 814  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



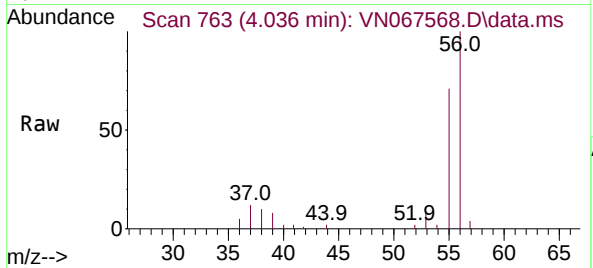
Tgt Ion: 96 Resp: 89423  
Ion Ratio Lower Upper  
96 100  
61 165.5 152.6 229.0  
98 62.4 50.9 76.3





#13  
Acrolein  
Concen: 189.261 ug/l  
RT: 4.036 min Scan# 763  
Delta R.T. -0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
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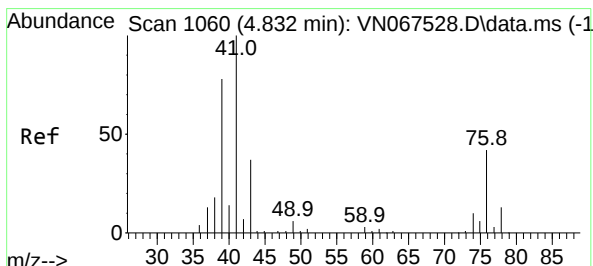
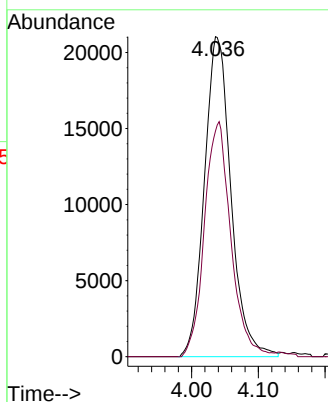
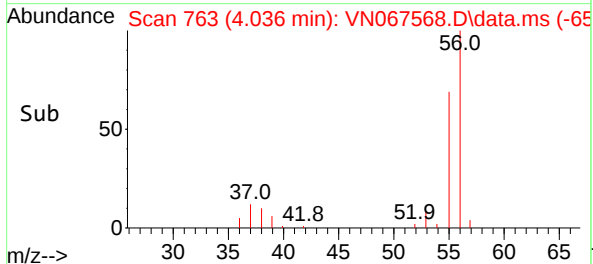


Tgt Ion: 56 Resp: 58226  
Ion Ratio Lower Upper  
56 100  
55 72.8 57.4 86.0

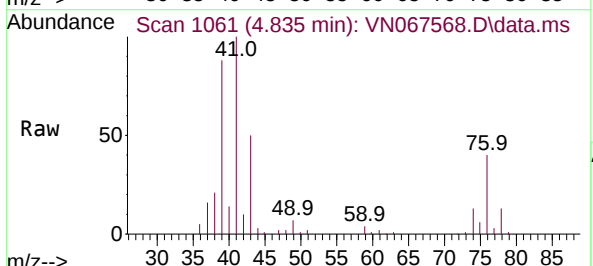
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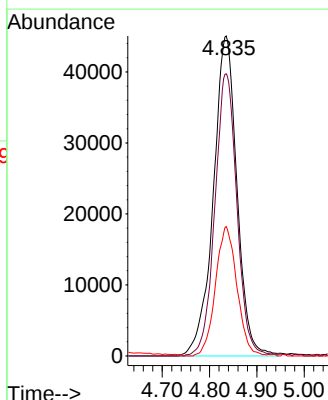
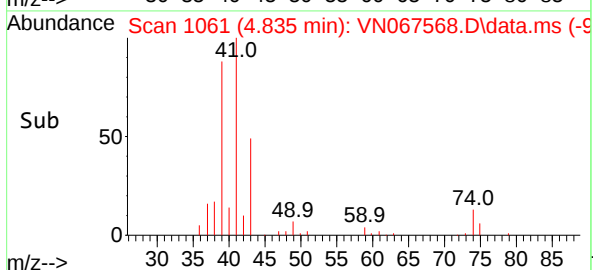
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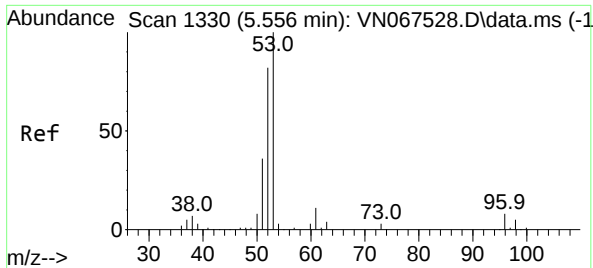


#14  
Allyl chloride  
Concen: 43.038 ug/l  
RT: 4.835 min Scan# 1061  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

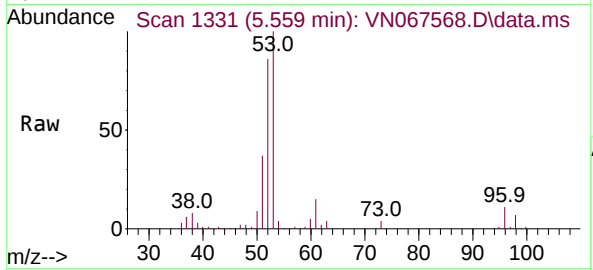


Tgt Ion: 41 Resp: 156543  
Ion Ratio Lower Upper  
41 100  
39 81.8 60.9 91.3  
76 36.7 24.3 36.5#

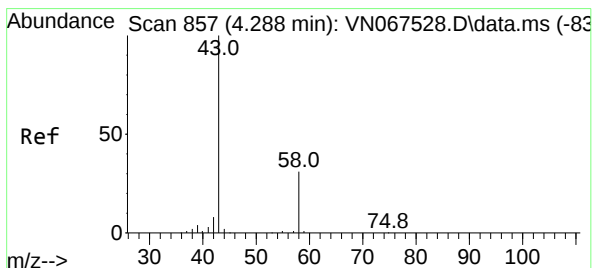
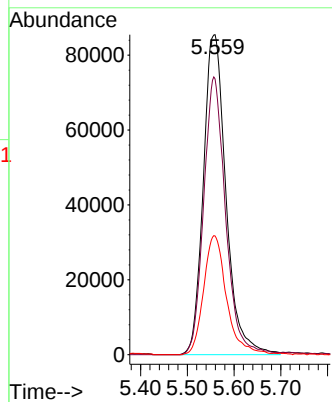
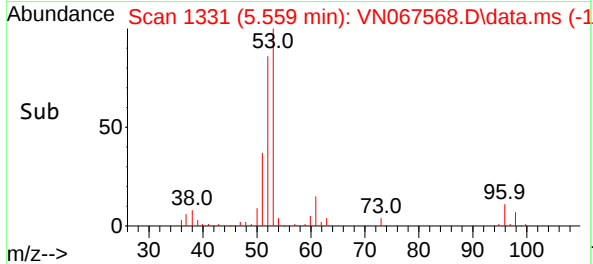




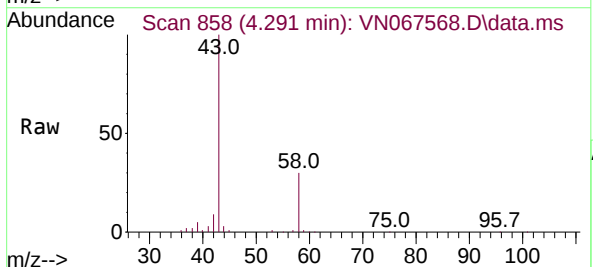
#15  
Acrylonitrile  
Concen: 239.777 ug/l  
RT: 5.559 min Scan# 1331  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



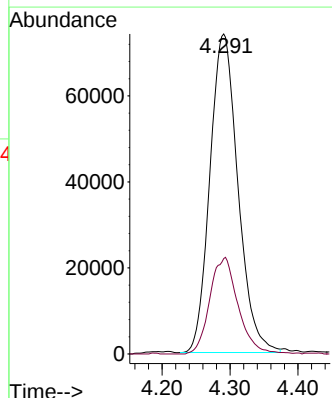
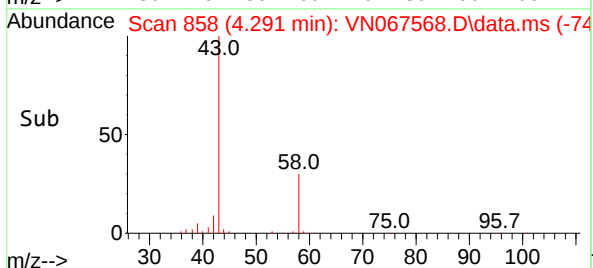
Tgt Ion: 53 Resp: 288616  
Ion Ratio Lower Upper  
53 100  
52 83.8 66.2 99.2  
51 37.6 30.2 45.4



#16  
Acetone  
Concen: 205.367 ug/l  
RT: 4.291 min Scan# 858  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 43 Resp: 212523  
Ion Ratio Lower Upper  
43 100  
58 29.9 21.2 31.8

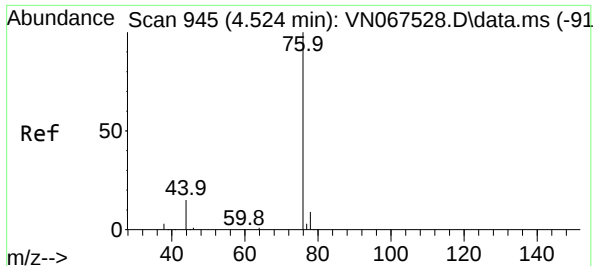


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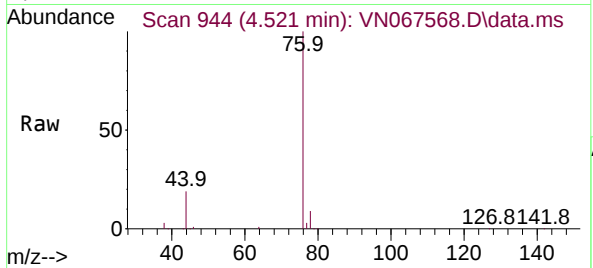
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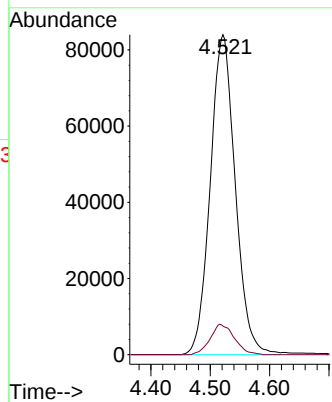
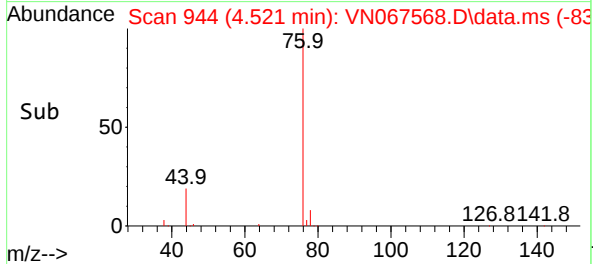
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#17  
Carbon Disulfide  
Concen: 39.154 ug/l  
RT: 4.521 min Scan# 944  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 76 Resp: 245628  
Ion Ratio Lower Upper  
76 100  
78 9.0 7.7 11.5

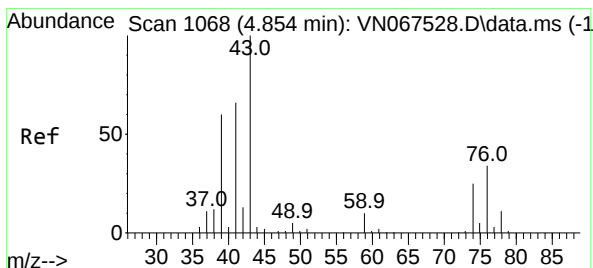


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

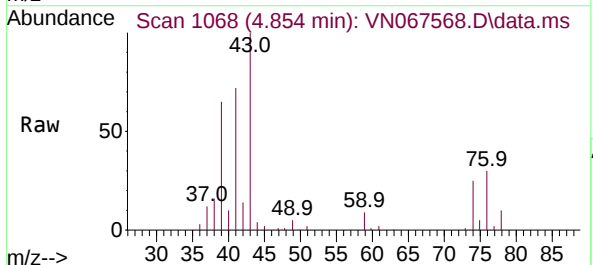
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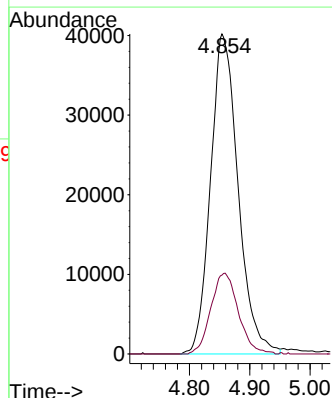
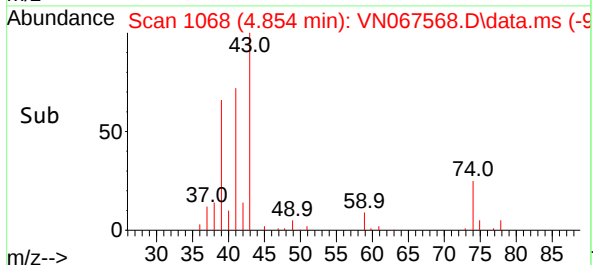
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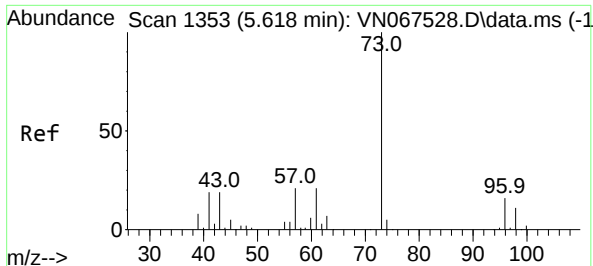


#18  
Methyl Acetate  
Concen: 46.244 ug/l  
RT: 4.854 min Scan# 1068  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 43 Resp: 127655  
Ion Ratio Lower Upper  
43 100  
74 25.2 17.4 26.0





#19  
Methyl tert-butyl Ether  
Concen: 48.208 ug/l  
RT: 5.618 min Scan# 1353  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

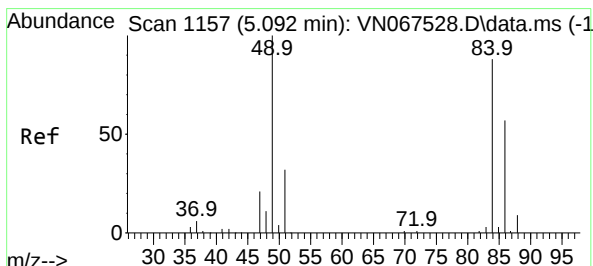
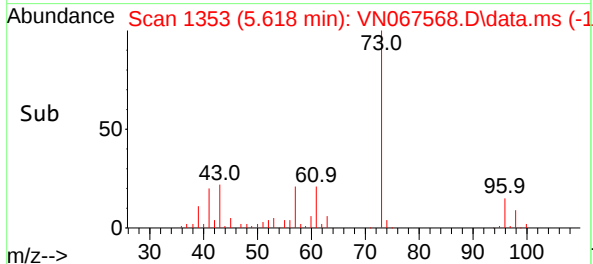
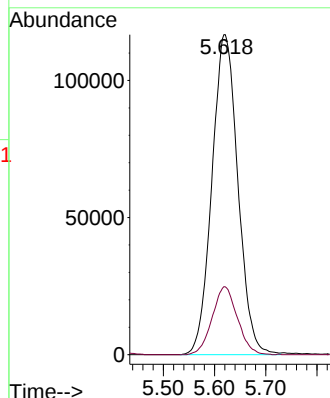
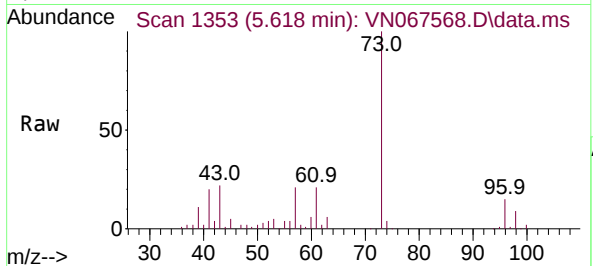
Tgt Ion: 73 Resp: 411311  
Ion Ratio Lower Upper  
73 100  
57 21.3 17.0 25.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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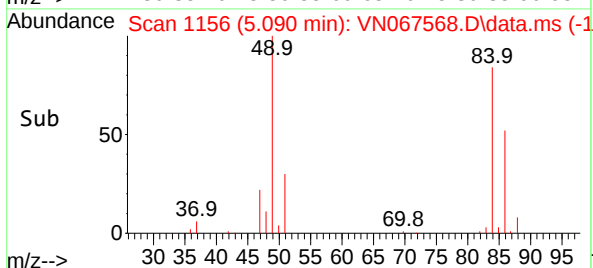
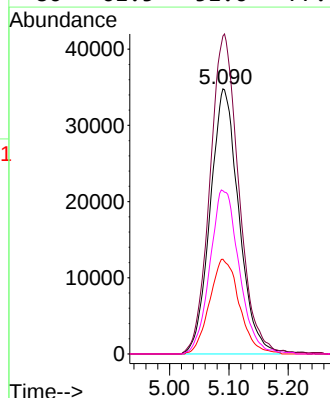
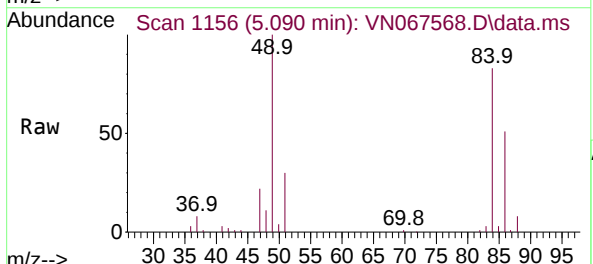
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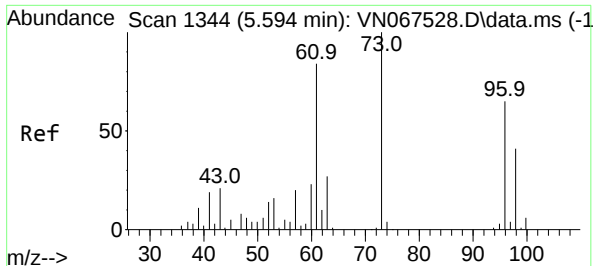
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#20  
Methylene Chloride  
Concen: 42.938 ug/l  
RT: 5.090 min Scan# 1156  
Delta R.T. -0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 84 Resp: 116665  
Ion Ratio Lower Upper  
84 100  
49 119.9 110.9 166.3  
51 35.8 32.6 49.0  
86 61.5 51.6 77.4





#21  
trans-1,2-Dichloroethene  
Concen: 46.324 ug/l  
RT: 5.591 min Scan# 1343  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

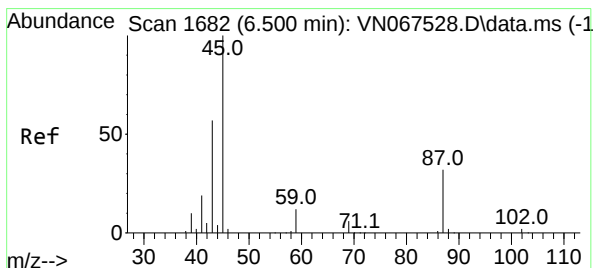
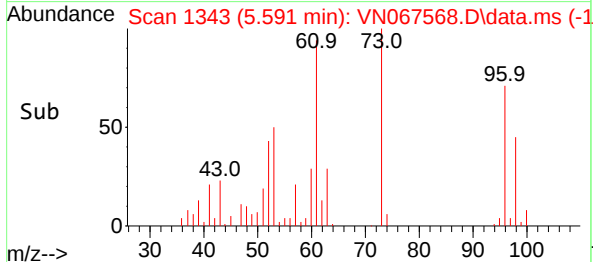
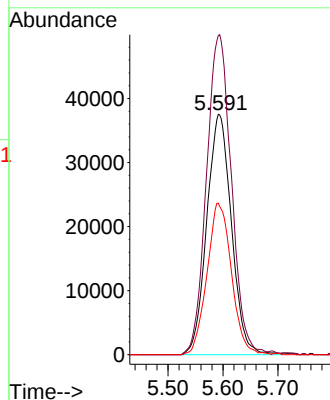
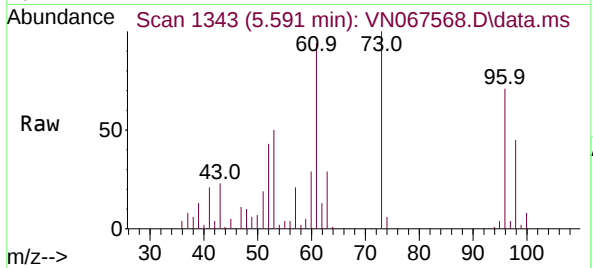
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 116894 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 132.9 | 123.5 | 185.3  |
| 98       | 63.1  | 48.6  | 72.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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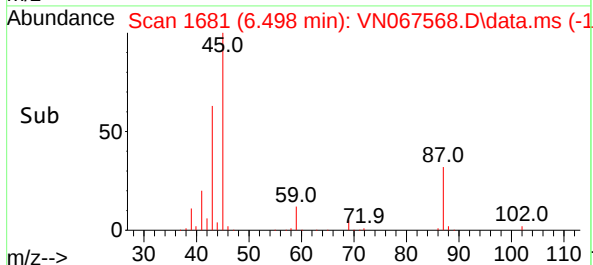
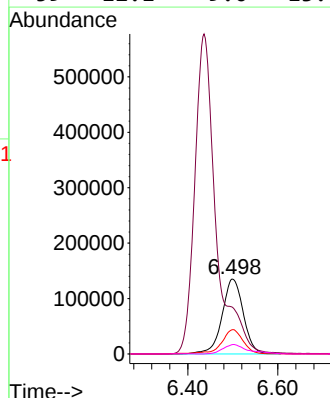
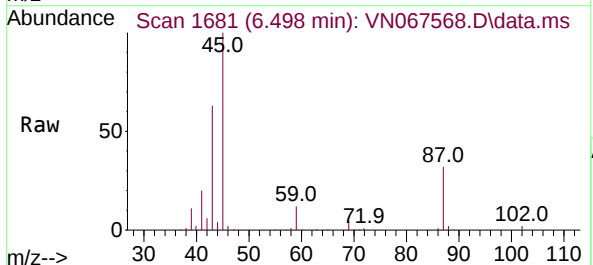
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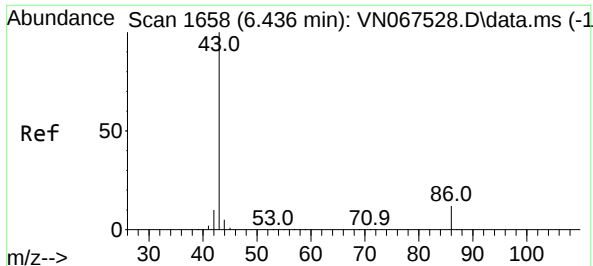
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#22  
Diisopropyl ether  
Concen: 56.137 ug/l  
RT: 6.498 min Scan# 1681  
Delta R.T. -0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 443386 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 61.2  | 49.4  | 74.2   |
| 87       | 32.1  | 20.9  | 31.3#  |
| 59       | 12.1  | 9.0   | 13.4   |





#23

Vinyl Acetate

Concen: 285.448 ug/l

RT: 6.436 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VN067568.D

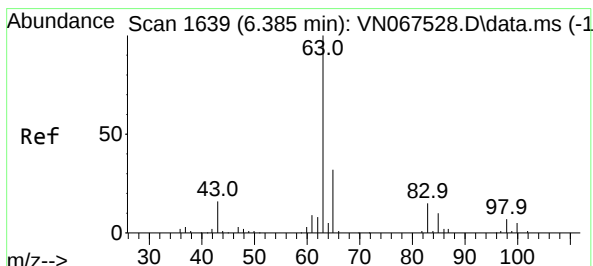
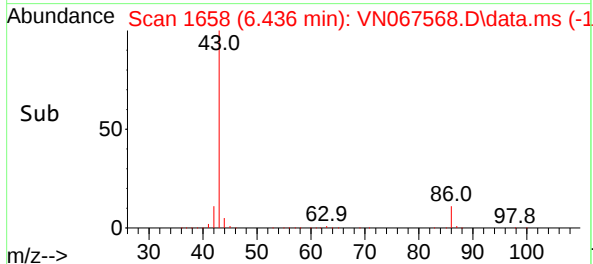
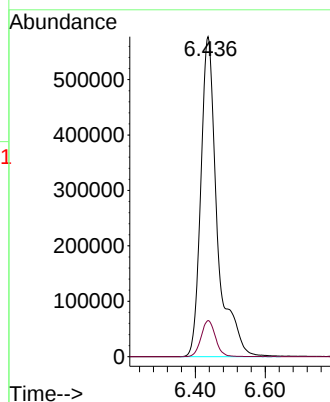
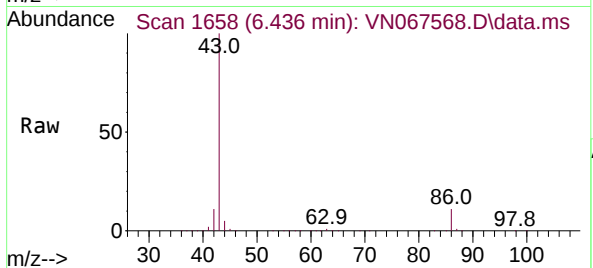
Acq: 29 Jun 2021 21:22

Tgt Ion: 43 Resp: 1890090

Ion Ratio Lower Upper

43 100

86 11.3 7.3 10.9#



#24

1,1-Dichloroethane

Concen: 49.329 ug/l

RT: 6.385 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VN067568.D

Acq: 29 Jun 2021 21:22

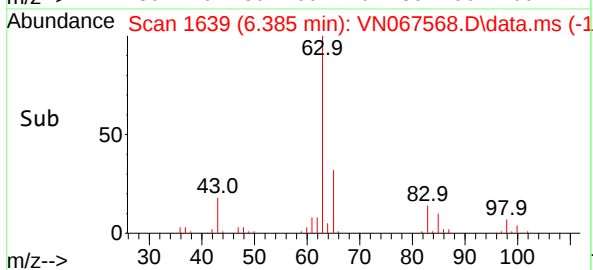
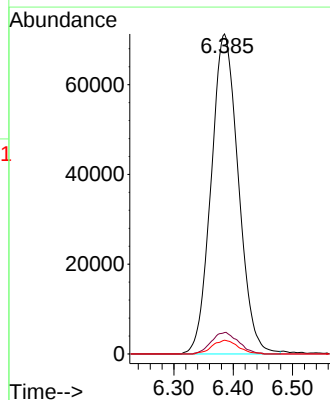
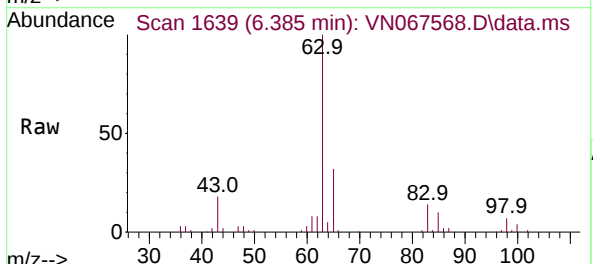
Tgt Ion: 63 Resp: 227367

Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.0

100 4.3 1.9 5.7



Instrument :

MSVOA\_N

ClientSampleId :

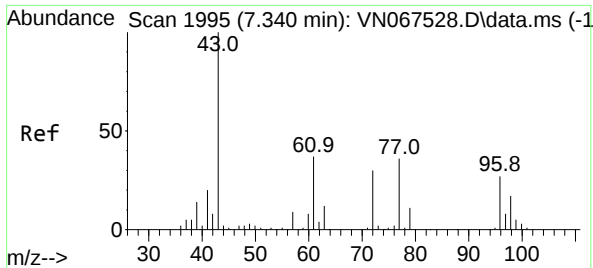
VSTDCCC050EC

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#25  
2-Butanone  
Concen: 282.334 ug/l  
RT: 7.340 min Scan# 1995  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

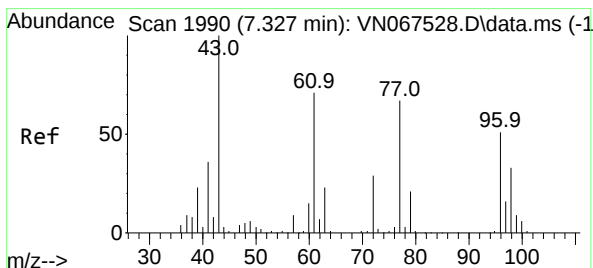
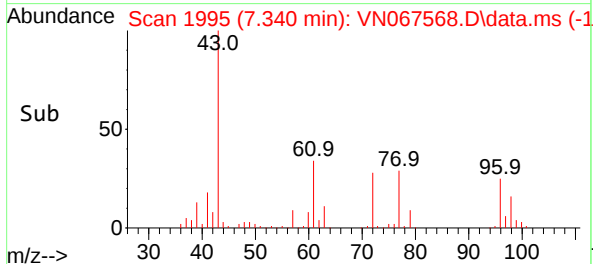
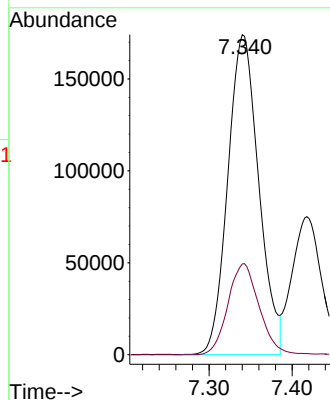
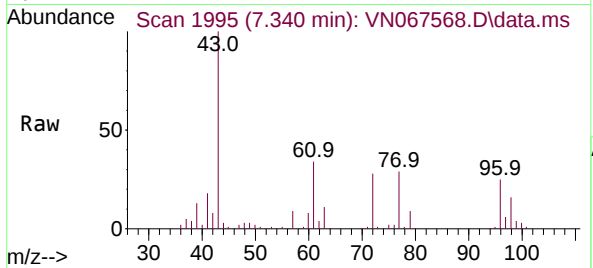
Tgt Ion: 43 Resp: 450577  
Ion Ratio Lower Upper  
43 100  
72 28.3 19.7 29.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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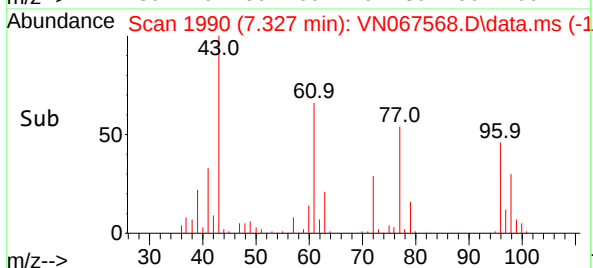
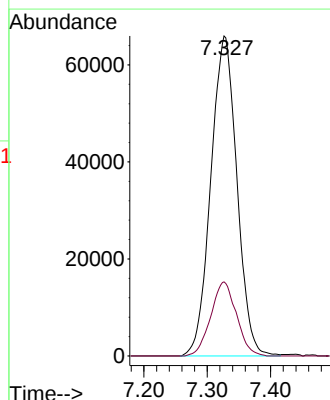
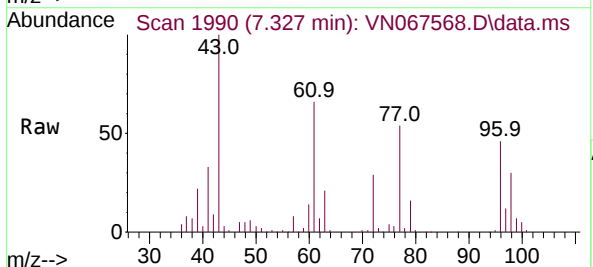
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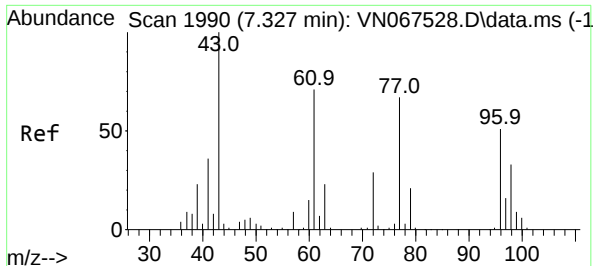
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#26  
2,2-Dichloropropane  
Concen: 44.221 ug/l  
RT: 7.327 min Scan# 1990  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 77 Resp: 188901  
Ion Ratio Lower Upper  
77 100  
97 22.8 9.8 29.3





#27  
 cis-1,2-Dichloroethene  
 Concen: 50.689 ug/l  
 RT: 7.327 min Scan# 1990  
 Delta R.T. -0.000 min  
 Lab File: VN067568.D  
 Acq: 29 Jun 2021 21:22

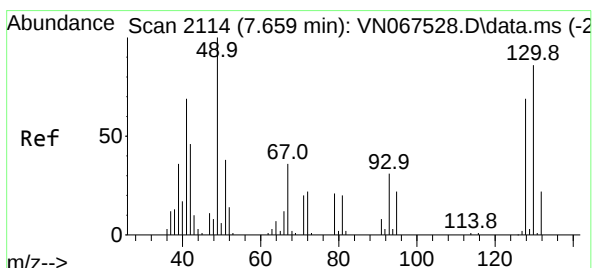
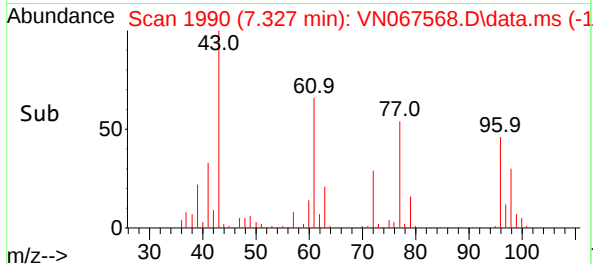
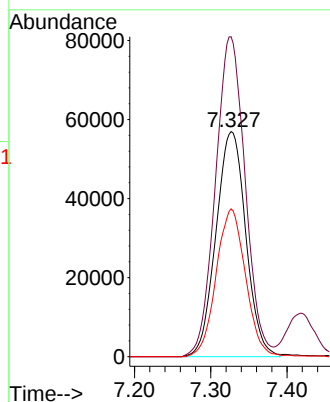
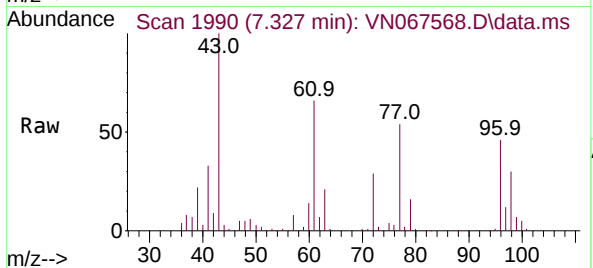
|             |              |
|-------------|--------------|
| Tgt Ion: 96 | Resp: 154731 |
| Ion Ratio   | Lower Upper  |
| 96 100      |              |
| 61 141.5    | 0.0 338.8    |
| 98 64.5     | 0.0 129.8    |

Instrument :  
 MSVOA\_N  
 ClientSampleId :  
 VSTDCCC050EC

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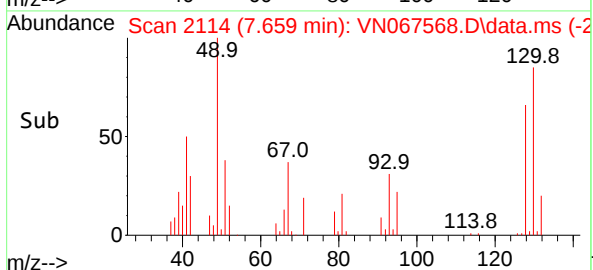
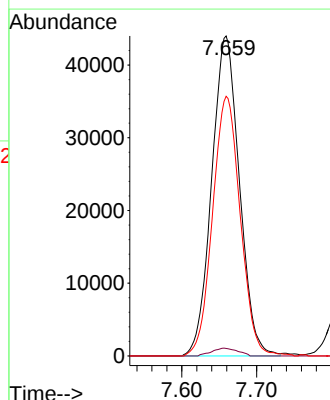
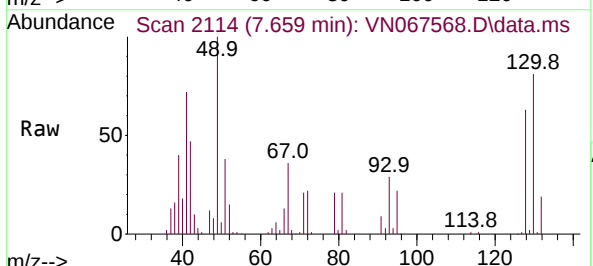
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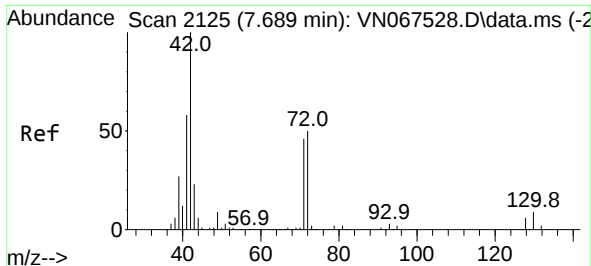
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#28  
 Bromochloromethane  
 Concen: 52.566 ug/l  
 RT: 7.659 min Scan# 2114  
 Delta R.T. 0.000 min  
 Lab File: VN067568.D  
 Acq: 29 Jun 2021 21:22

|             |              |
|-------------|--------------|
| Tgt Ion: 49 | Resp: 113383 |
| Ion Ratio   | Lower Upper  |
| 49 100      |              |
| 129 2.3     | 0.0 3.8      |
| 130 80.9    | 49.7 74.5#   |





#29

Tetrahydrofuran

Concen: 286.770 ug/l

RT: 7.689 min Scan# 2125

Delta R.T. -0.000 min

Lab File: VN067568.D

Acq: 29 Jun 2021 21:22

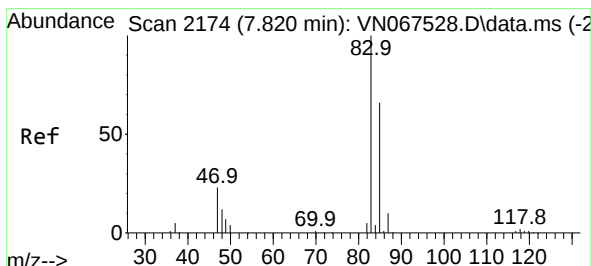
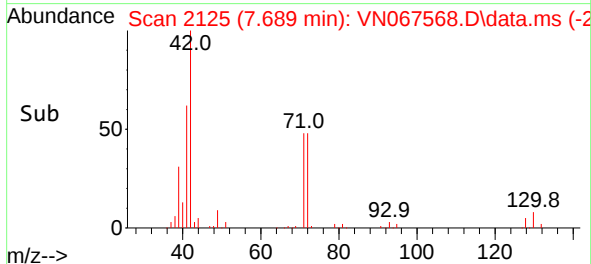
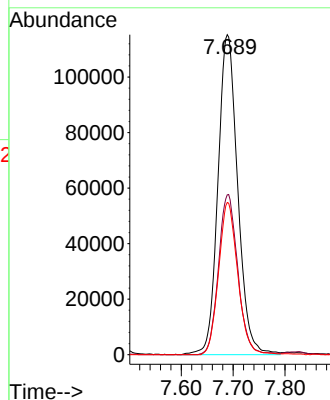
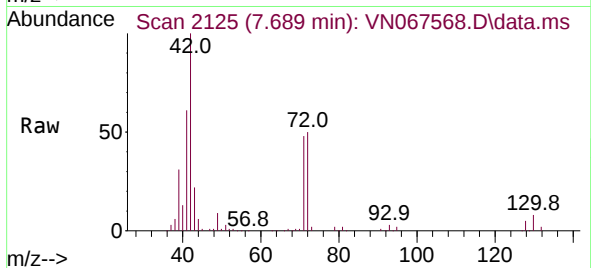
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 42    | Resp: | 304746 |
| Ion      | Ratio | Lower | Upper  |
| 42       | 100   |       |        |
| 72       | 48.8  | 32.8  | 49.2   |
| 71       | 46.2  | 31.2  | 46.8   |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
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#30

Chloroform

Concen: 56.674 ug/l

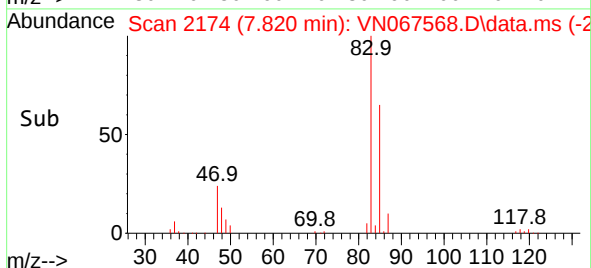
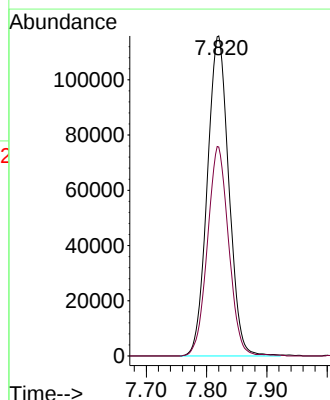
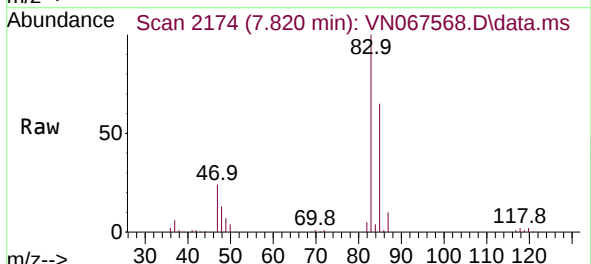
RT: 7.820 min Scan# 2174

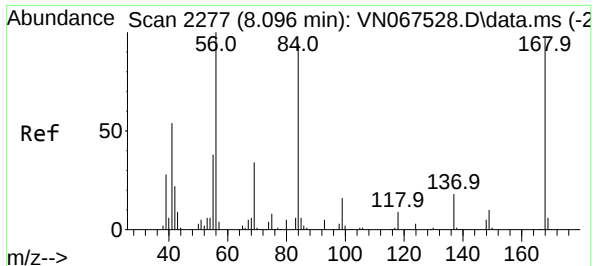
Delta R.T. 0.000 min

Lab File: VN067568.D

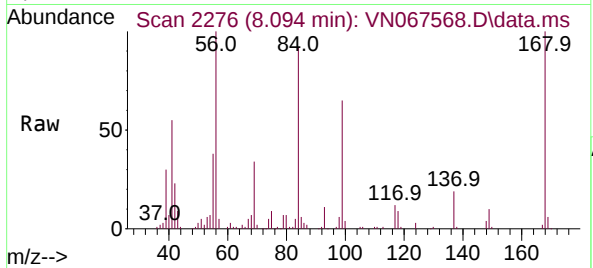
Acq: 29 Jun 2021 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 287368 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.3  | 51.5  | 77.3   |



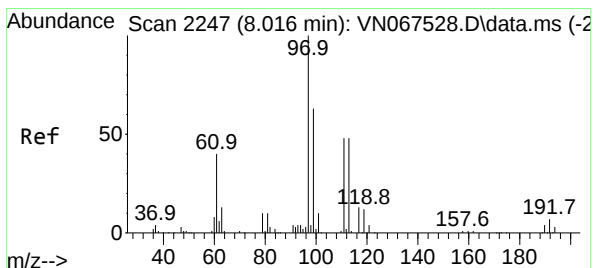
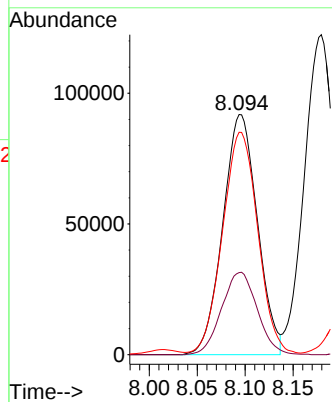
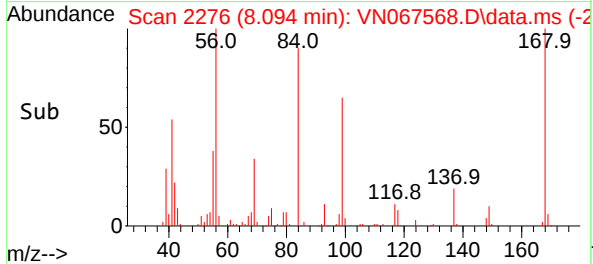


#31  
Cyclohexane  
Concen: 54.175 ug/l  
RT: 8.094 min Scan# 2276  
Delta R.T. -0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

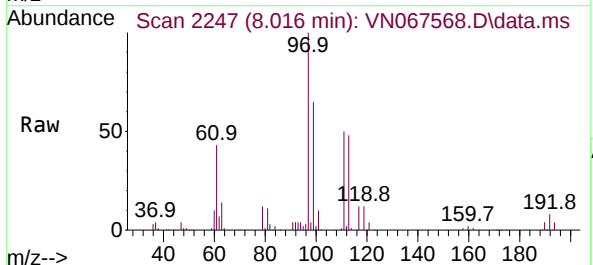


Tgt Ion: 56 Resp: 230894

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 34.1  | 27.3  | 40.9  |
| 84  | 91.4  | 64.9  | 97.3  |

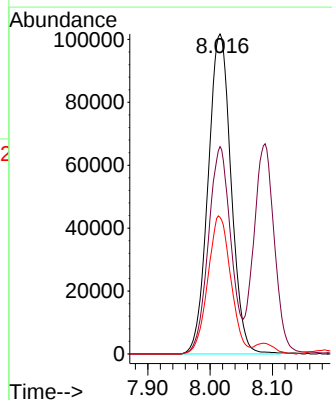
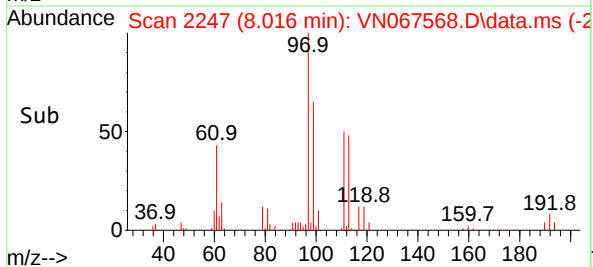


#32  
1,1,1-Trichloroethane  
Concen: 56.699 ug/l  
RT: 8.016 min Scan# 2247  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 97 Resp: 261050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 63.5  | 50.2  | 75.2  |
| 61  | 43.2  | 38.2  | 57.2  |

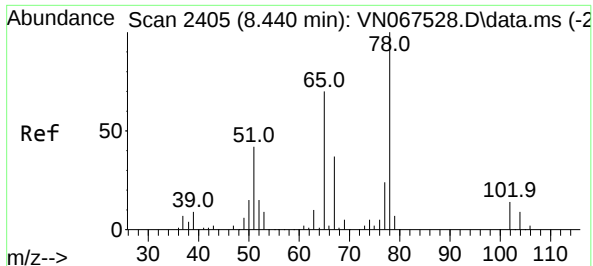


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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#33

1,2-Dichloroethane-d4  
Concen: 54.859 ug/l  
RT: 8.440 min Scan# 2405  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

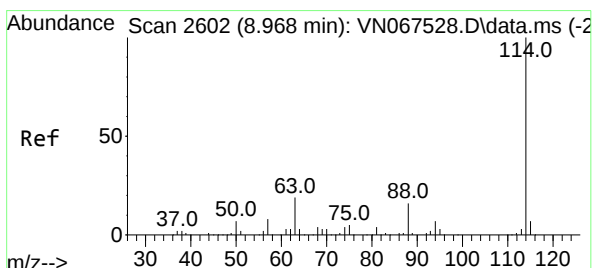
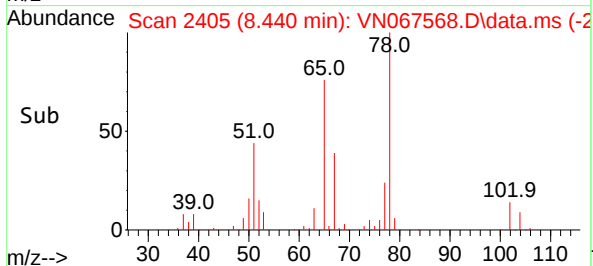
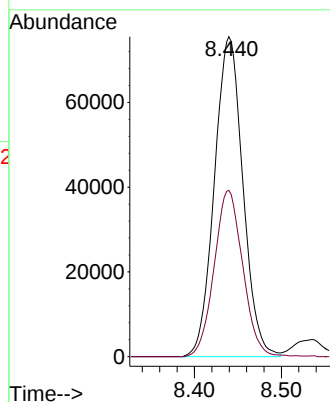
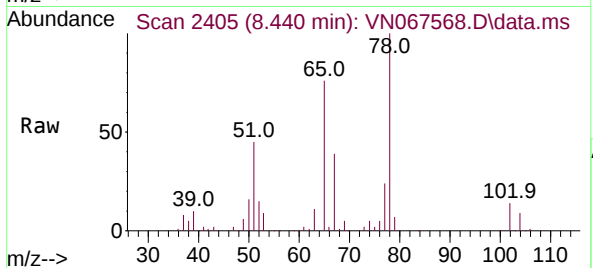
Tgt Ion: 65 Resp: 172112  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 98.6

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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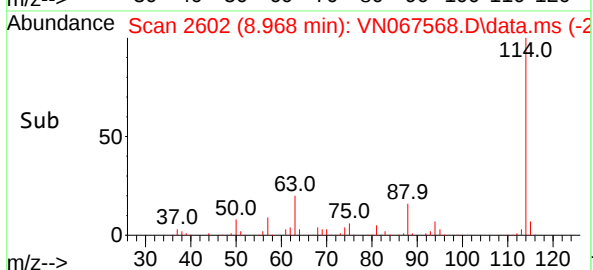
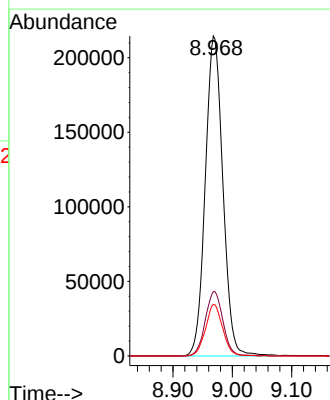
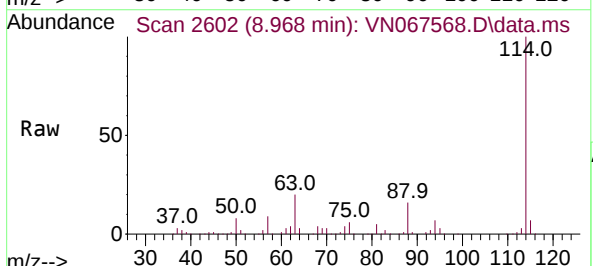
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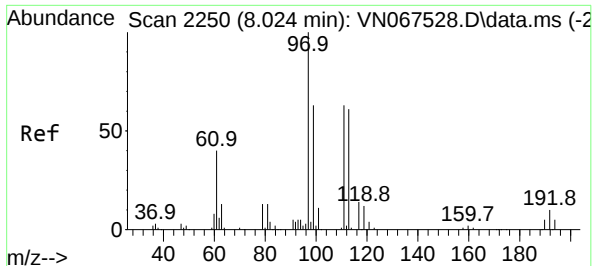


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.968 min Scan# 2602  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 114 Resp: 441965  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 49.0  
88 16.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 48.423 ug/l

RT: 8.024 min Scan# 2250

Delta R.T. -0.000 min

Lab File: VN067568.D

Acq: 29 Jun 2021 21:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 113   | Resp: | 132687 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.6 | 83.8  | 125.8  |
| 192       | 16.2  | 13.4  | 20.0   |

Instrument :

MSVOA\_N

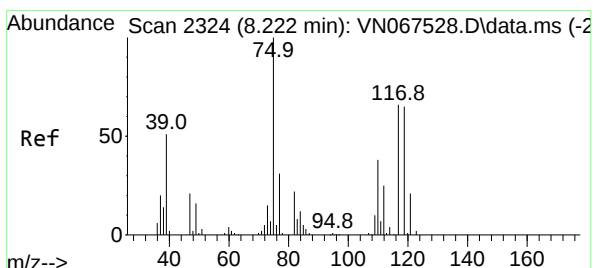
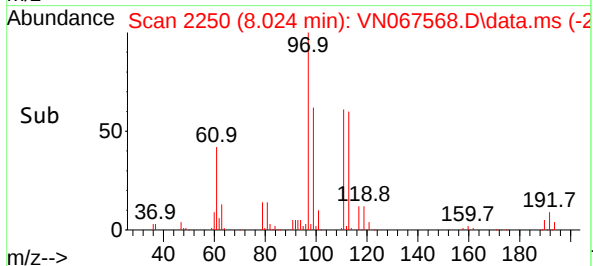
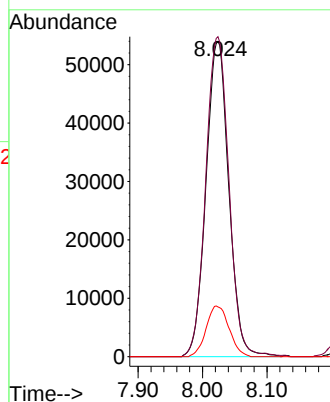
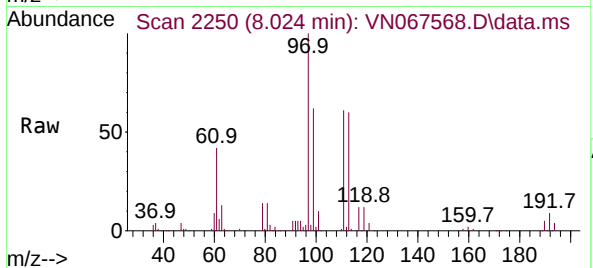
ClientSampleId :

VSTDCCC050EC

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#36

1,1-Dichloropropene

Concen: 51.960 ug/l

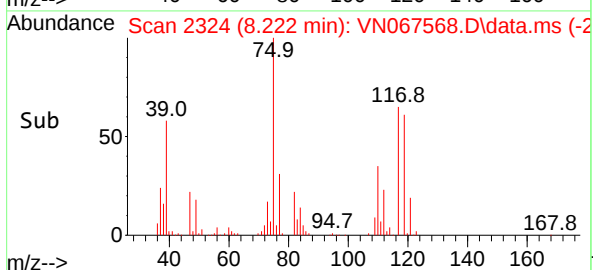
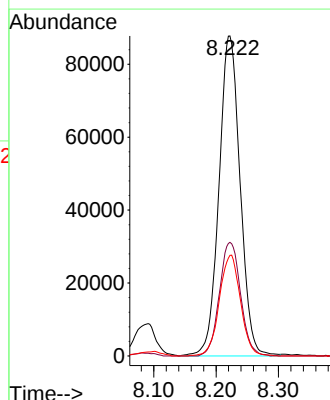
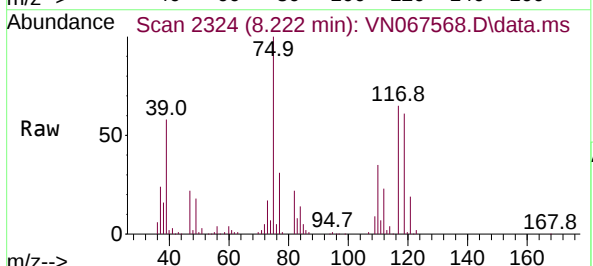
RT: 8.222 min Scan# 2324

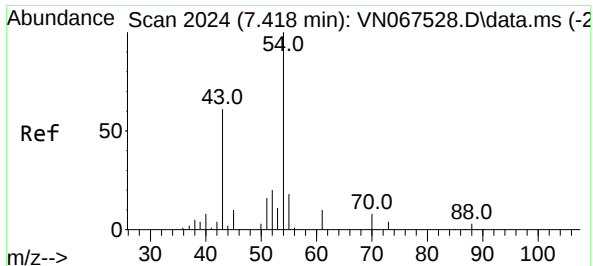
Delta R.T. 0.000 min

Lab File: VN067568.D

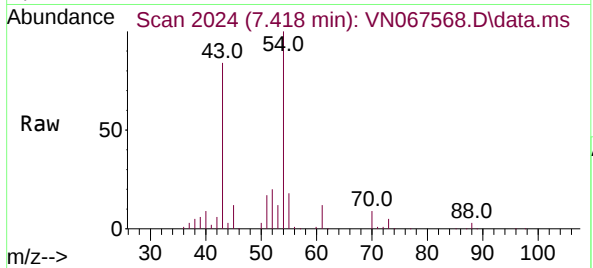
Acq: 29 Jun 2021 21:22

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 207317 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.5  | 15.7  | 47.0   |
| 77        | 31.5  | 24.6  | 37.0   |

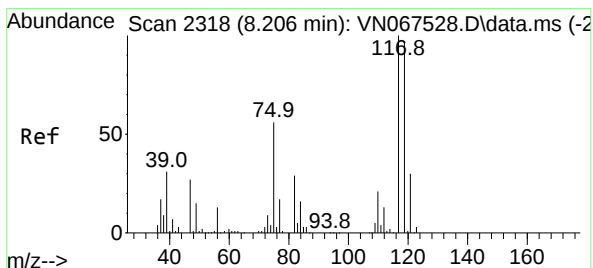
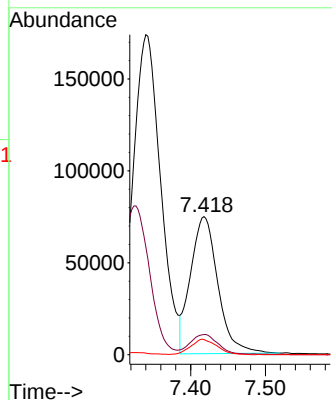
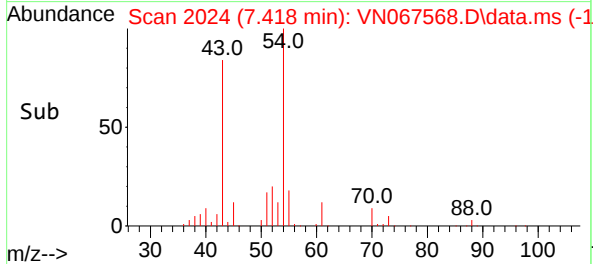




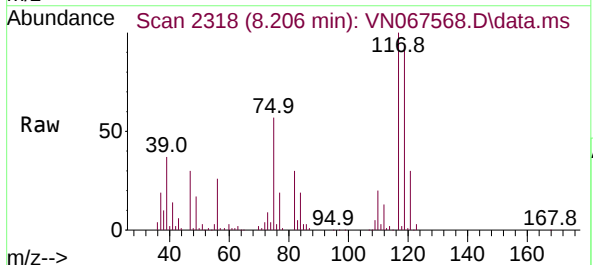
#37  
Ethyl Acetate  
Concen: 51.838 ug/l  
RT: 7.418 min Scan# 2024  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



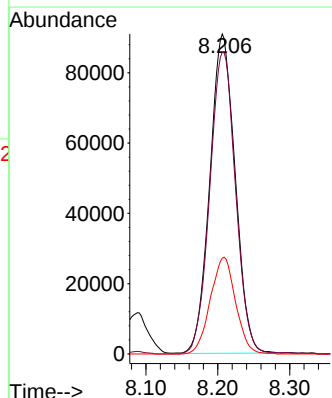
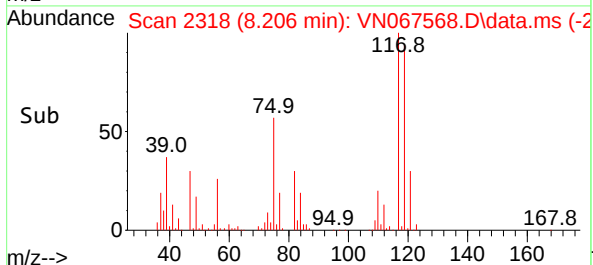
Tgt Ion: 43 Resp: 189925  
Ion Ratio Lower Upper  
43 100  
61 14.4 10.6 16.0  
70 10.8 8.1 12.1



#38  
Carbon Tetrachloride  
Concen: 51.978 ug/l  
RT: 8.206 min Scan# 2318  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 117 Resp: 222163  
Ion Ratio Lower Upper  
117 100  
119 94.6 75.4 113.2  
121 30.1 23.5 35.3

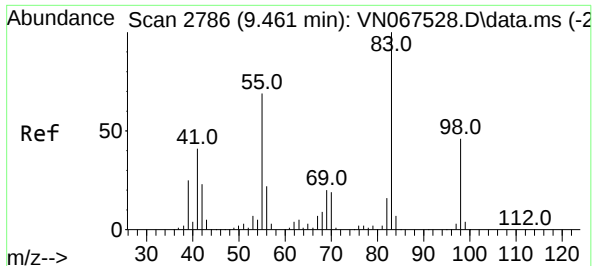


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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#39

Methylcyclohexane

Concen: 50.779 ug/l

RT: 9.461 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VN067568.D

Acq: 29 Jun 2021 21:22

Tgt Ion: 83 Resp: 245252

Ion Ratio Lower Upper

83 100

55 70.4 66.6 99.8

98 45.9 35.3 52.9

Instrument :

MSVOA\_N

ClientSampleId :

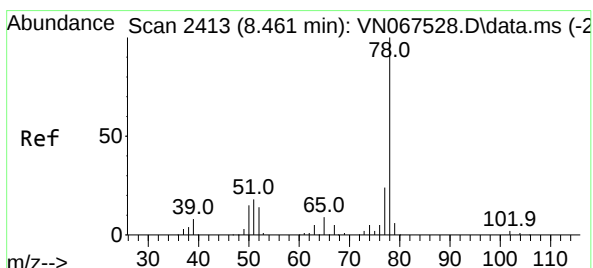
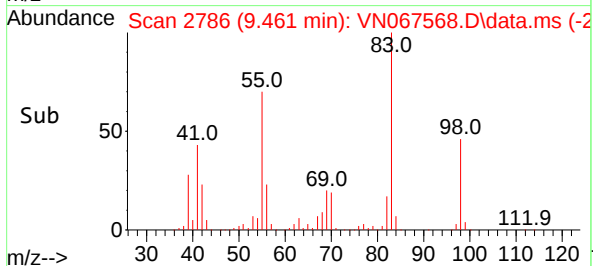
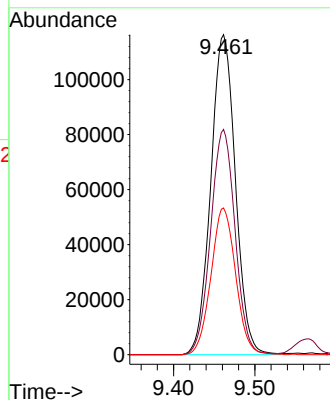
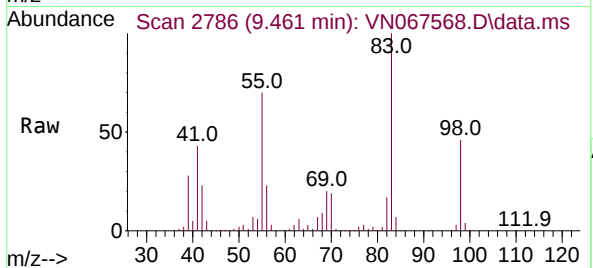
VSTDCCC050EC

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#40

Benzene

Concen: 52.774 ug/l

RT: 8.461 min Scan# 2413

Delta R.T. 0.000 min

Lab File: VN067568.D

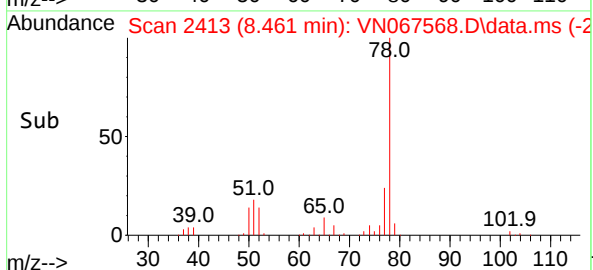
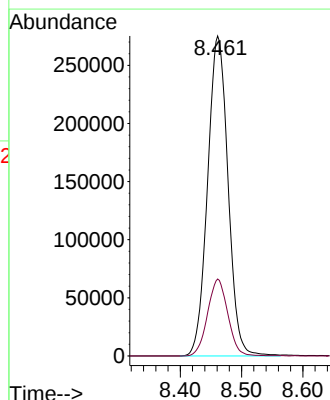
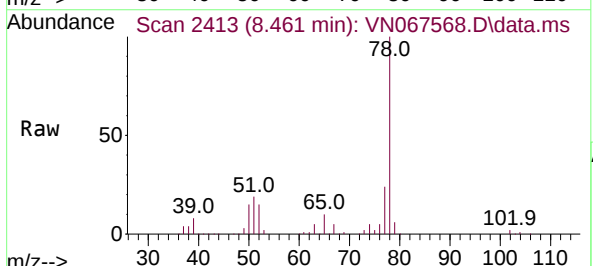
Acq: 29 Jun 2021 21:22

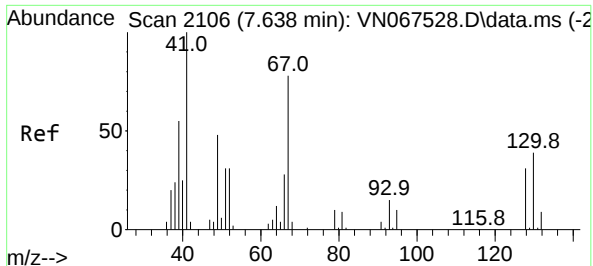
Tgt Ion: 78 Resp: 637560

Ion Ratio Lower Upper

78 100

77 24.1 18.9 28.3





#41  
Methacrylonitrile  
Concen: 50.238 ug/l  
RT: 7.638 min Scan# 2106  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

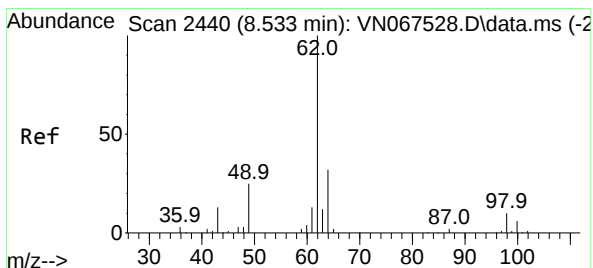
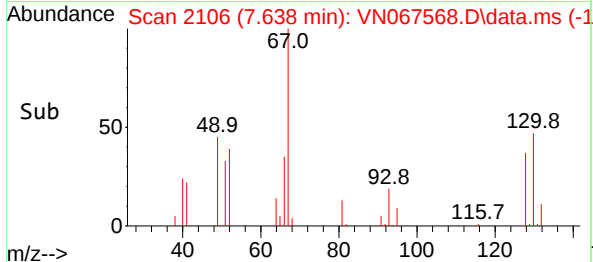
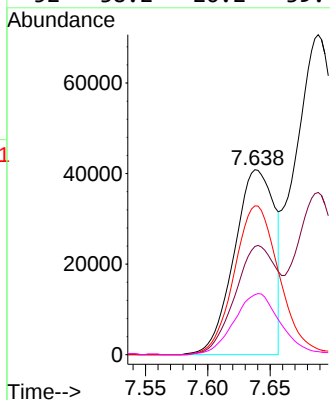
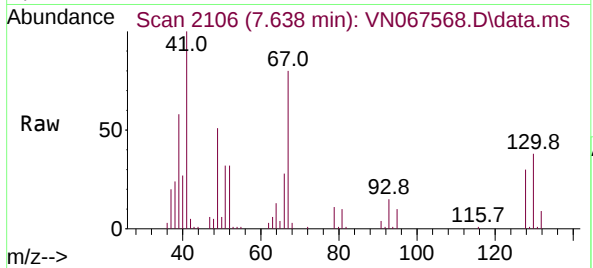
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 91755 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.2  | 47.6  | 71.4  |
| 67       | 90.5  | 57.7  | 86.5# |
| 52       | 38.2  | 26.2  | 39.4  |

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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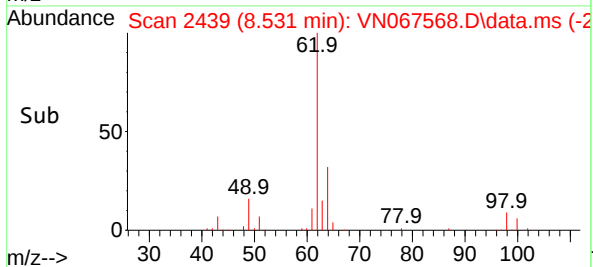
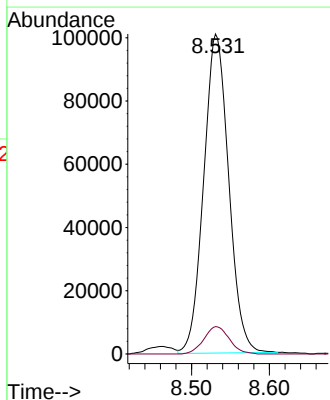
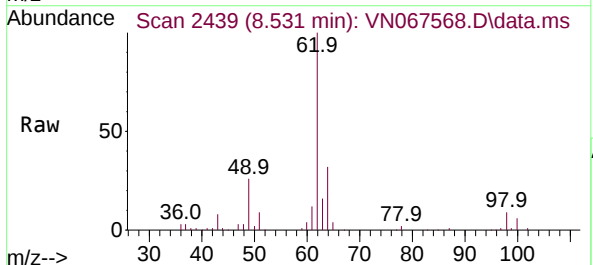
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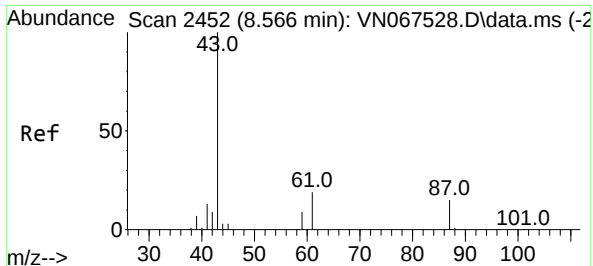
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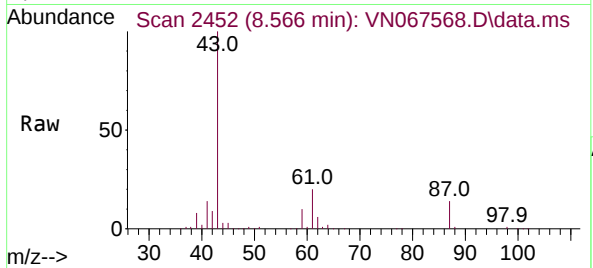
#42  
1,2-Dichloroethane  
Concen: 53.966 ug/l  
RT: 8.531 min Scan# 2439  
Delta R.T. -0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 225034 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.7   | 0.0   | 14.2   |

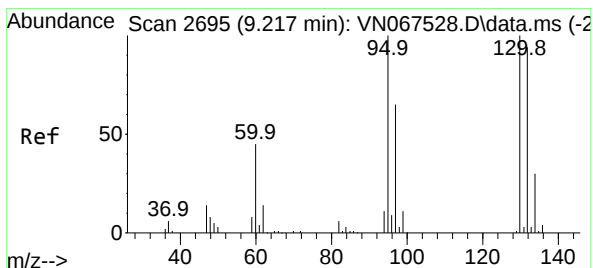
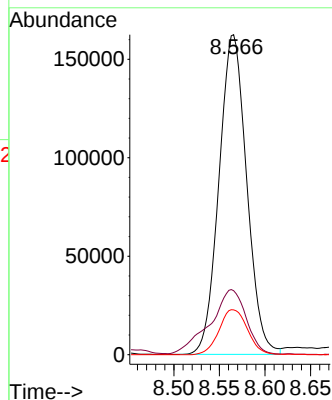
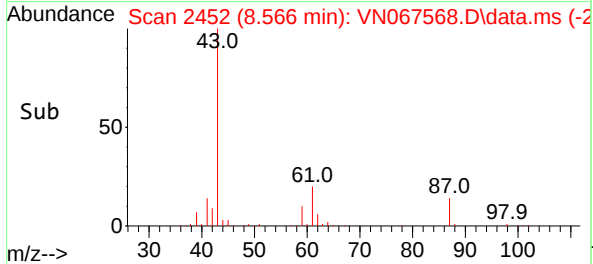




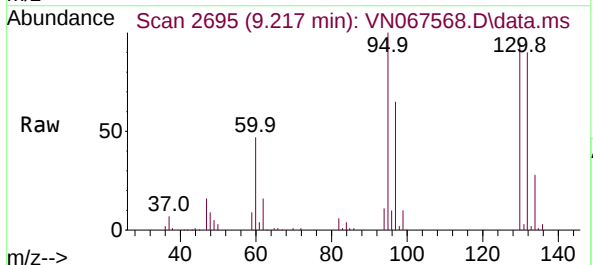
#43  
Isopropyl Acetate  
Concen: 54.816 ug/l  
RT: 8.566 min Scan# 2452  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



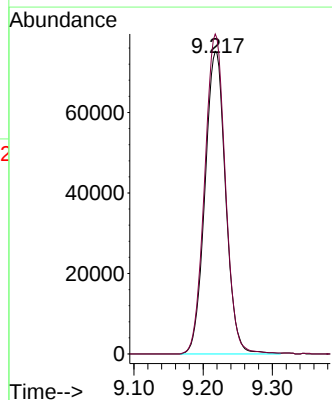
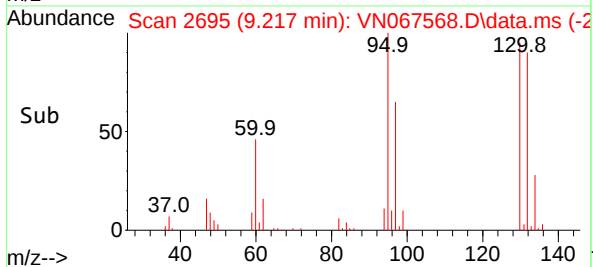
Tgt Ion: 43 Resp: 343079  
Ion Ratio Lower Upper  
43 100  
61 26.1 19.0 28.4  
87 14.5 9.5 14.3#



#44  
Trichloroethene  
Concen: 49.521 ug/l  
RT: 9.217 min Scan# 2695  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion:130 Resp: 155818  
Ion Ratio Lower Upper  
130 100  
95 105.8 0.0 234.4

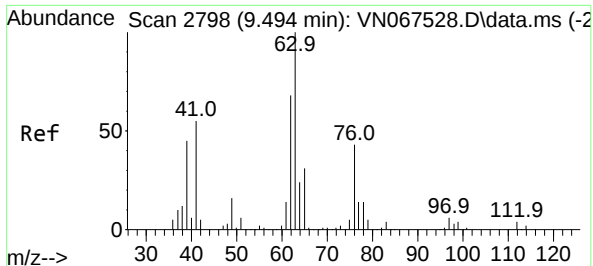


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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#45

1,2-Dichloropropane  
Concen: 52.035 ug/l  
RT: 9.491 min Scan# 2797  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

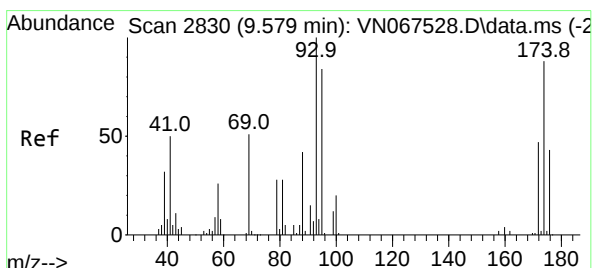
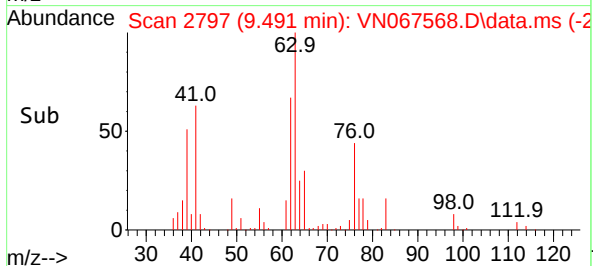
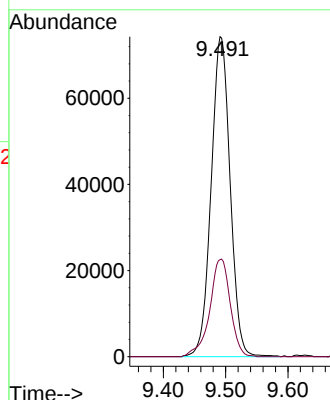
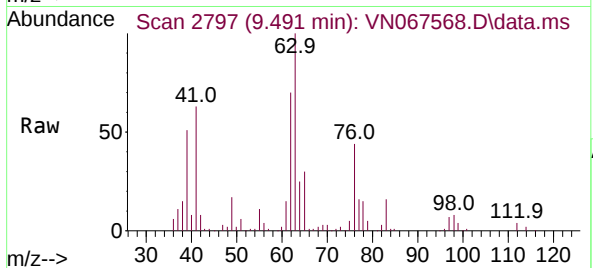
Tgt Ion: 63 Resp: 157378  
Ion Ratio Lower Upper  
63 100  
65 30.4 24.3 36.5

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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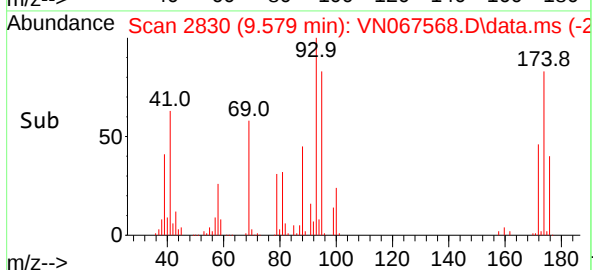
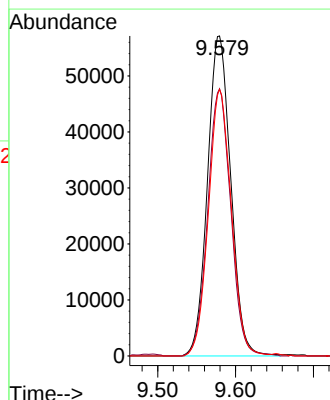
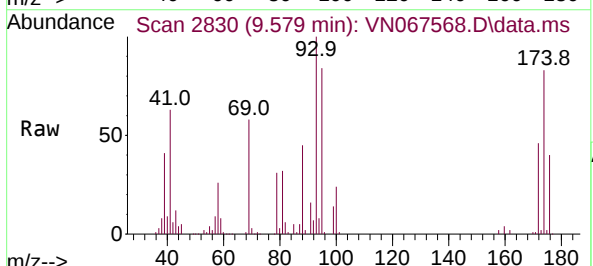
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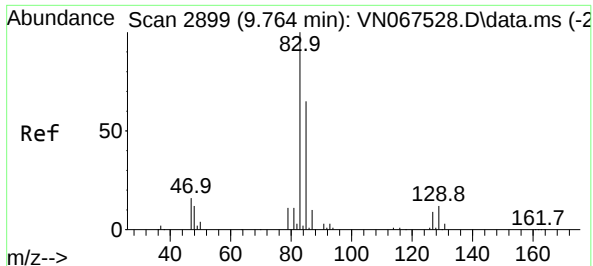


#46

Dibromomethane  
Concen: 55.175 ug/l  
RT: 9.579 min Scan# 2830  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

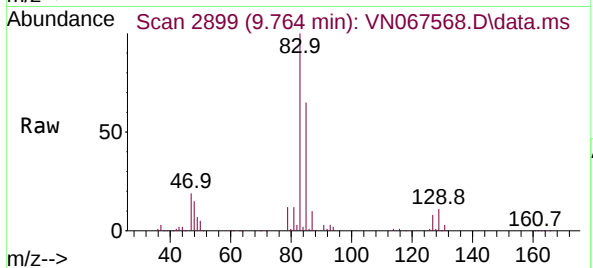
Tgt Ion: 93 Resp: 118812  
Ion Ratio Lower Upper  
93 100  
95 82.5 66.1 99.1  
174 81.9 61.0 91.4





#47  
Bromodichloromethane  
Concen: 55.265 ug/l  
RT: 9.764 min Scan# 2899  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

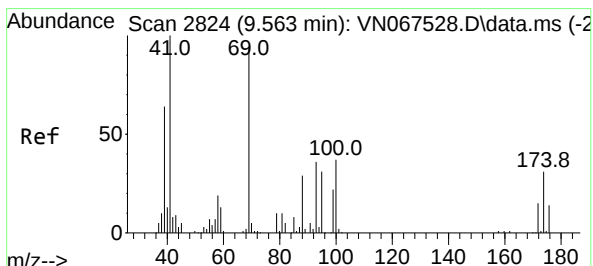
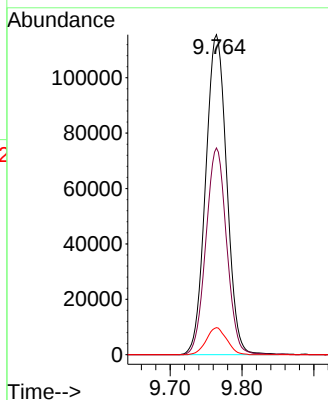
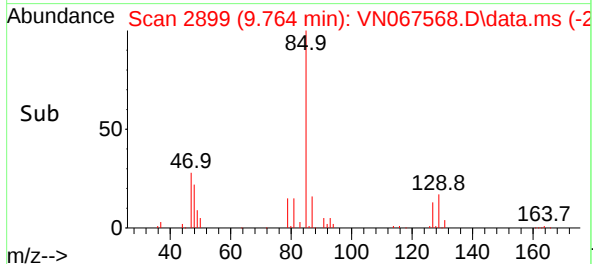


Tgt Ion: 83 Resp: 235411  
Ion Ratio Lower Upper  
83 100  
85 64.6 49.9 74.9  
127 8.5 6.1 9.1

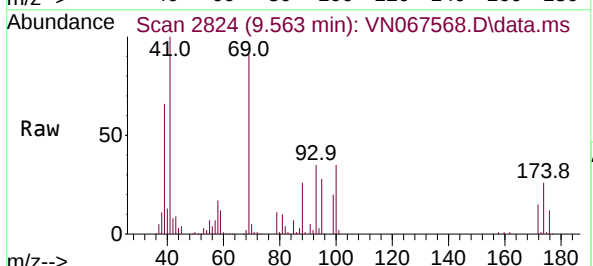
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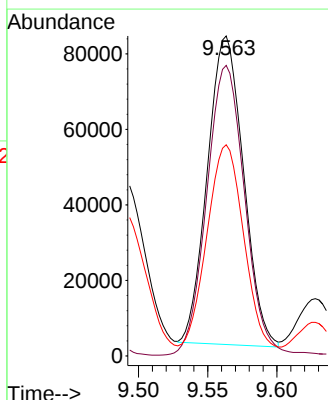
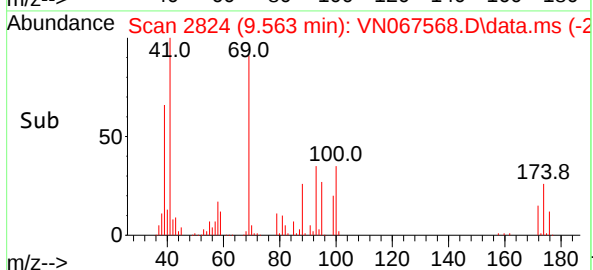
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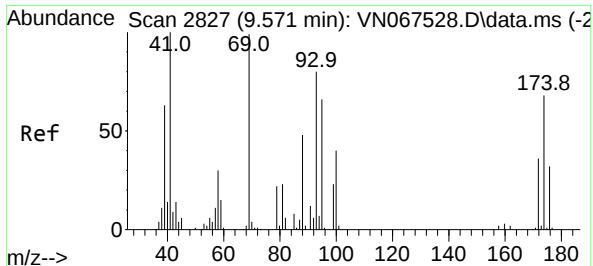


#48  
Methyl methacrylate  
Concen: 54.025 ug/l  
RT: 9.563 min Scan# 2824  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 41 Resp: 148061  
Ion Ratio Lower Upper  
41 100  
69 100.1 64.6 96.8#  
39 66.7 53.3 79.9





#49

1,4-Dioxane

Concen: 1024.107 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. 0.003 min

Lab File: VN067568.D

Acq: 29 Jun 2021 21:22

Tgt Ion: 88 Resp: 58774

Ion Ratio Lower Upper

88 100

43 29.0 28.8 43.2

58 61.8 60.4 90.6

Instrument :

MSVOA\_N

ClientSampleId :

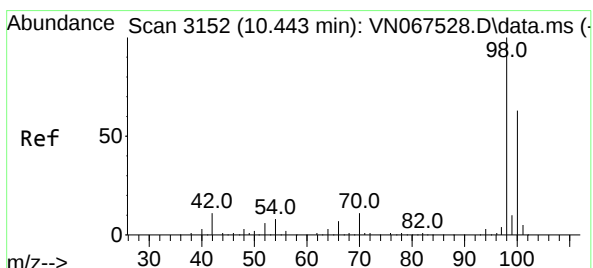
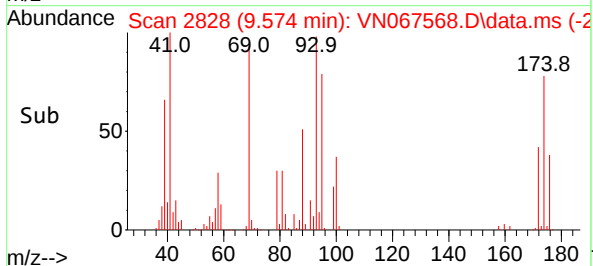
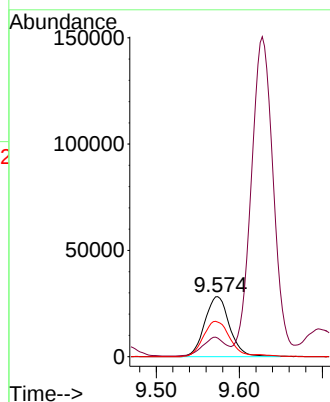
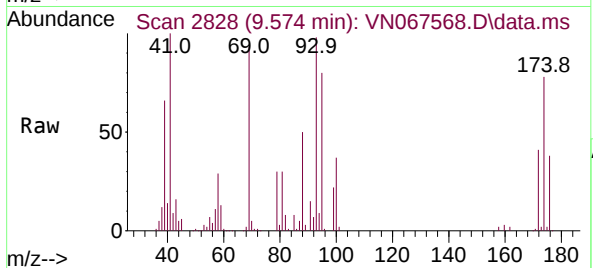
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#50

Toluene-d8

Concen: 53.410 ug/l

RT: 10.443 min Scan# 3152

Delta R.T. 0.000 min

Lab File: VN067568.D

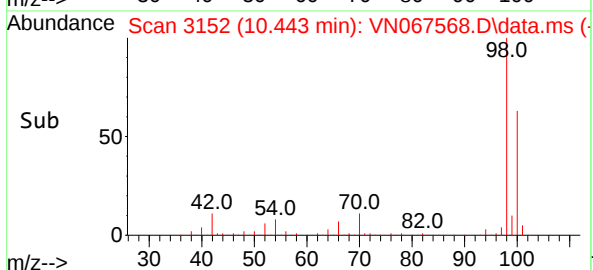
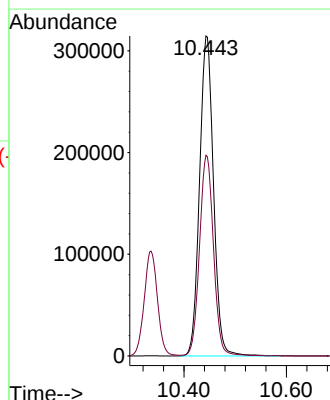
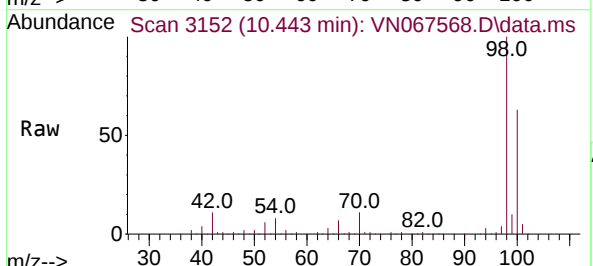
Acq: 29 Jun 2021 21:22

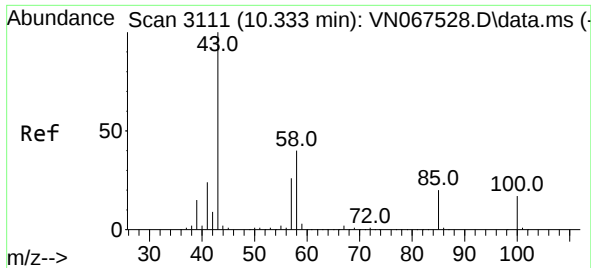
Tgt Ion: 98 Resp: 594526

Ion Ratio Lower Upper

98 100

100 62.5 51.7 77.5





#51  
4-Methyl-2-Pentanone  
Concen: 287.158 ug/l  
RT: 10.333 min Scan# 3111  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

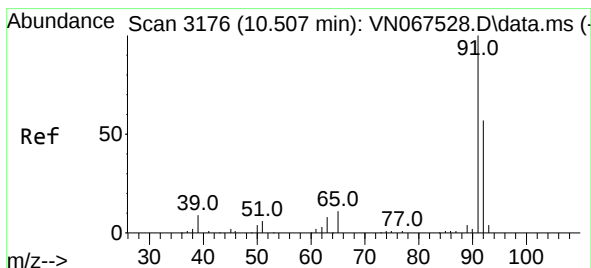
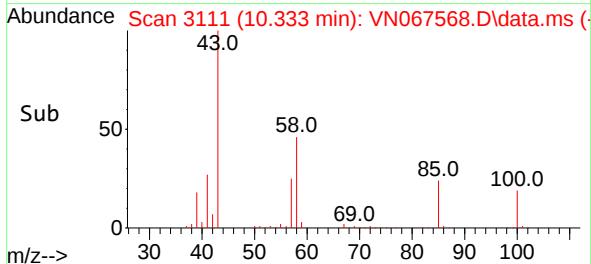
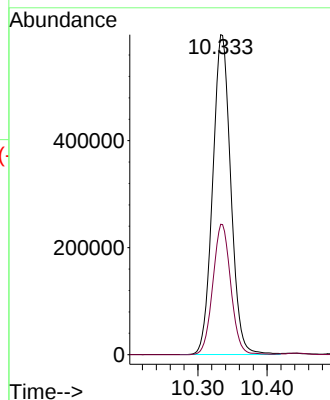
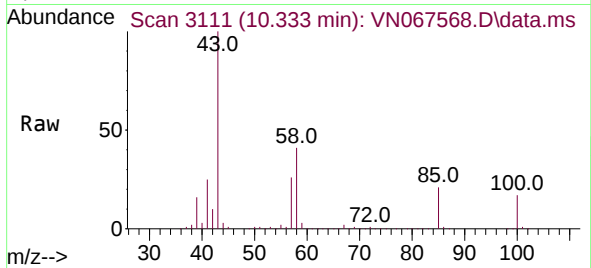
Tgt Ion: 43 Resp: 1084302  
Ion Ratio Lower Upper  
43 100  
58 40.4 28.6 43.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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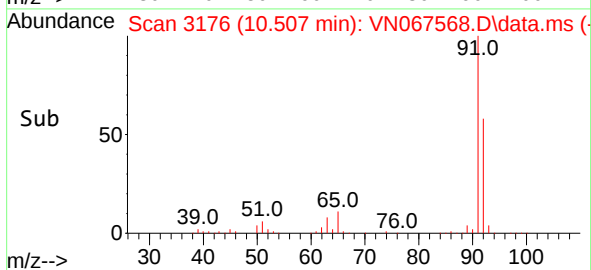
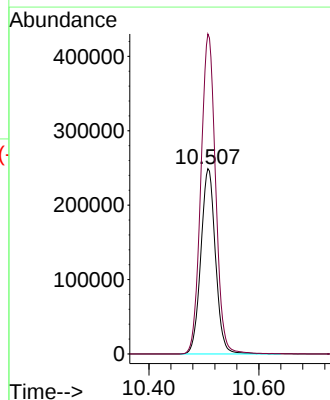
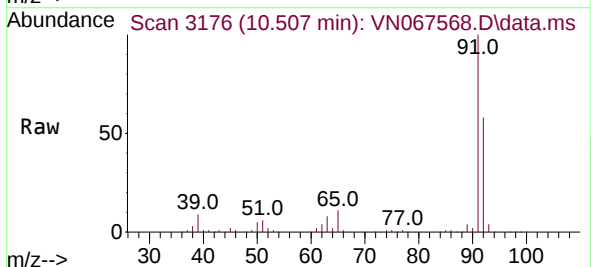
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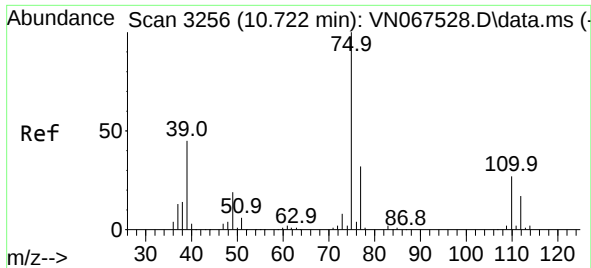
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#52  
Toluene  
Concen: 58.240 ug/l  
RT: 10.507 min Scan# 3176  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 92 Resp: 459691  
Ion Ratio Lower Upper  
92 100  
91 174.3 139.6 209.4





#53  
t-1,3-Dichloropropene  
Concen: 51.827 ug/l  
RT: 10.719 min Scan# 3255  
Delta R.T. -0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

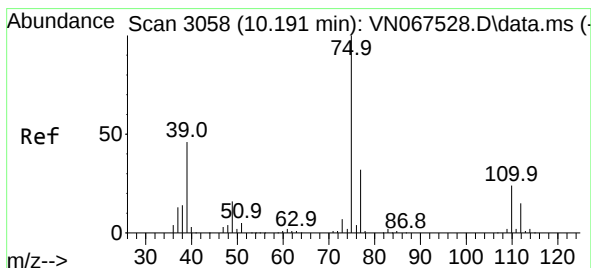
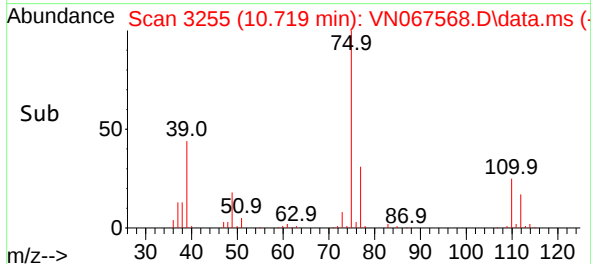
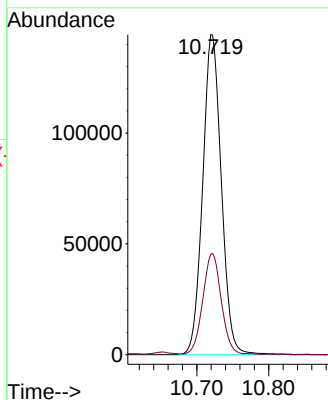
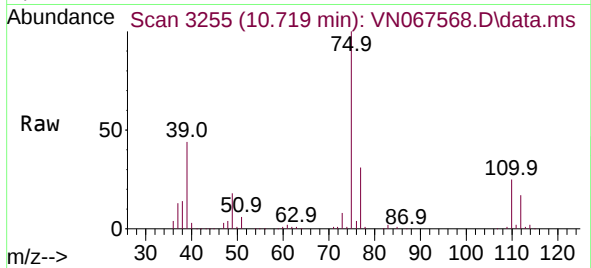
Tgt Ion: 75 Resp: 260408  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.1 37.7

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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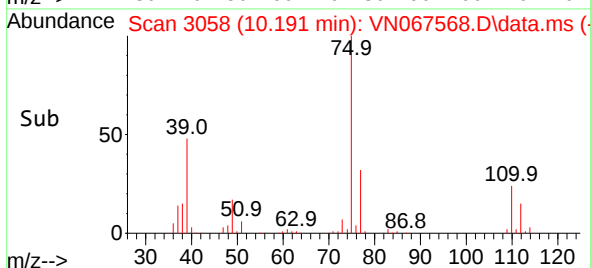
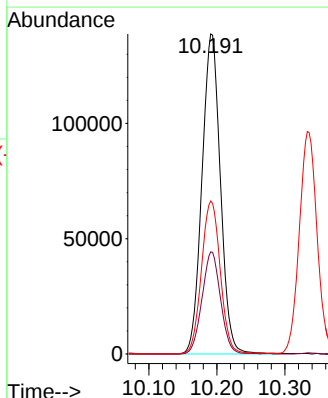
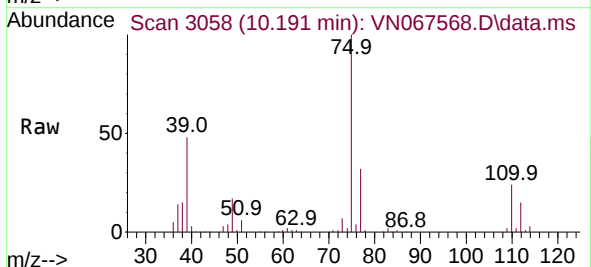
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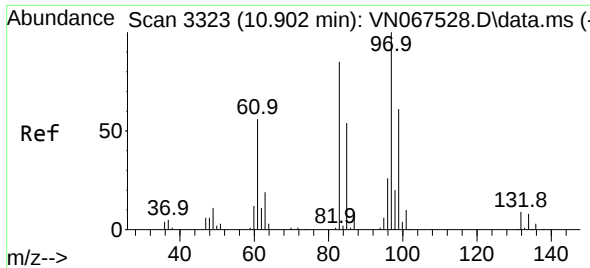
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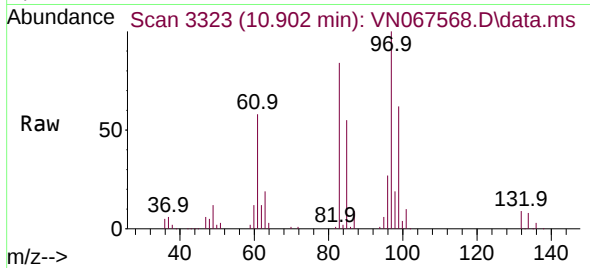
#54  
cis-1,3-Dichloropropene  
Concen: 54.229 ug/l  
RT: 10.191 min Scan# 3058  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 75 Resp: 261915  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.6 37.0  
39 47.8 50.7 76.1#

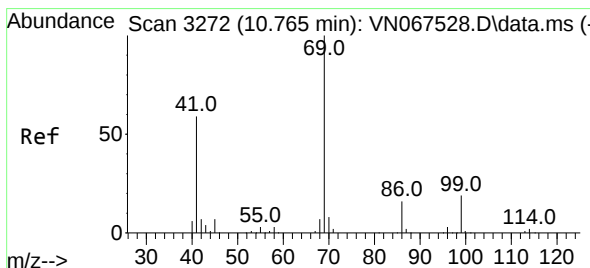
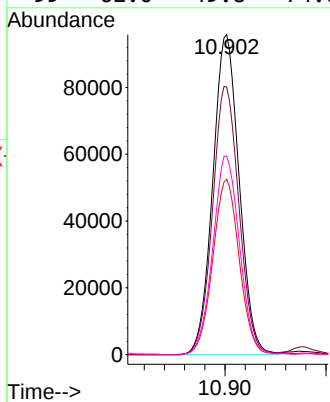
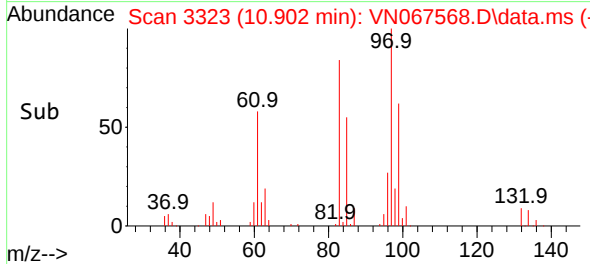




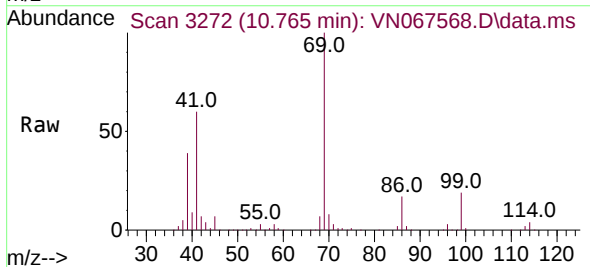
#55  
1,1,2-Trichloroethane  
Concen: 56.396 ug/l  
RT: 10.902 min Scan# 3323  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



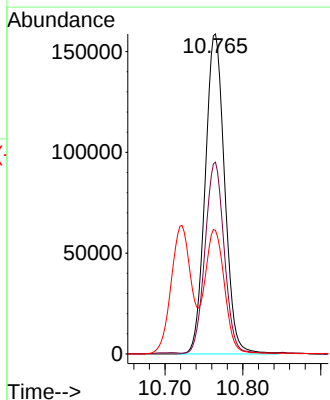
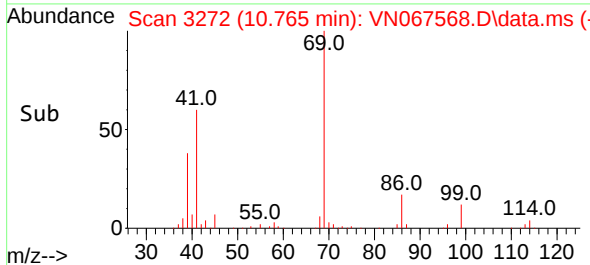
| Tgt Ion: | 97    | Resp: | 173702 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 83.7  | 72.0  | 108.0  |
| 85       | 54.8  | 46.8  | 70.2   |
| 99       | 62.0  | 49.8  | 74.6   |



#56  
Ethyl methacrylate  
Concen: 59.240 ug/l  
RT: 10.765 min Scan# 3272  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



| Tgt Ion: | 69    | Resp: | 275880 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 58.9  | 58.6  | 88.0   |
| 39       | 38.1  | 38.3  | 57.5   |

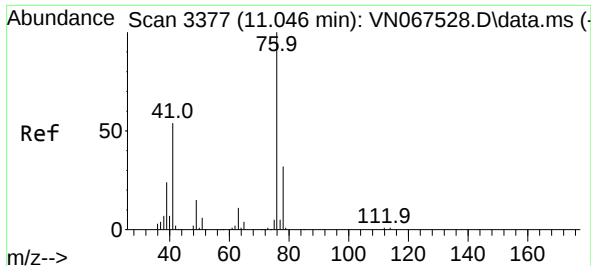


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

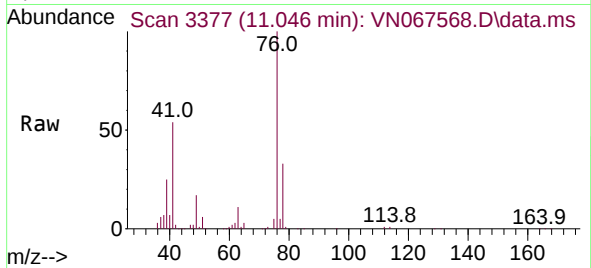
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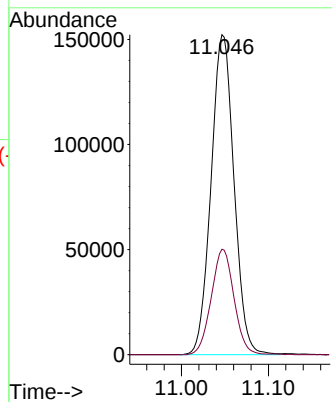
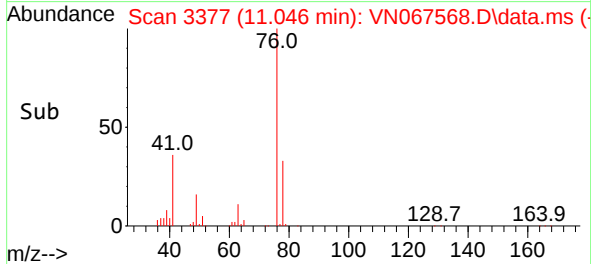
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#57  
1,3-Dichloropropane  
Concen: 56.001 ug/l  
RT: 11.046 min Scan# 3377  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 76 Resp: 279194  
Ion Ratio Lower Upper  
76 100  
78 32.7 25.7 38.5

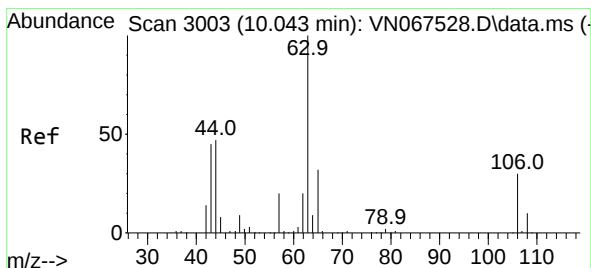


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

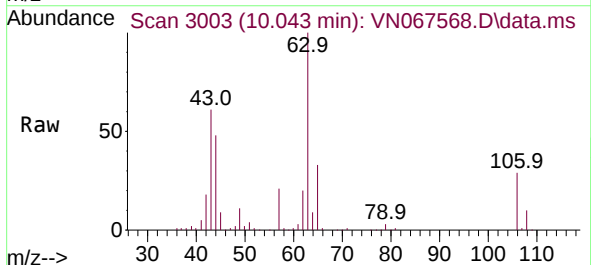
Manual Integrations  
APPROVED

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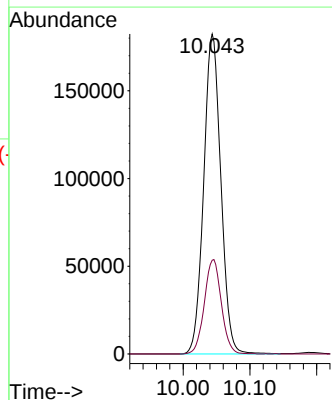
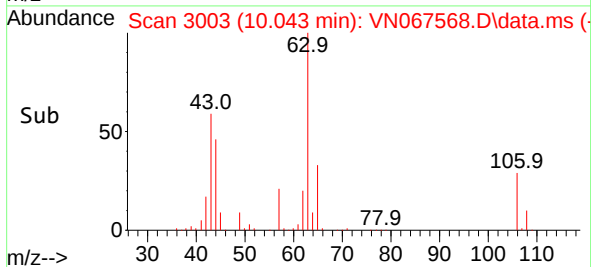
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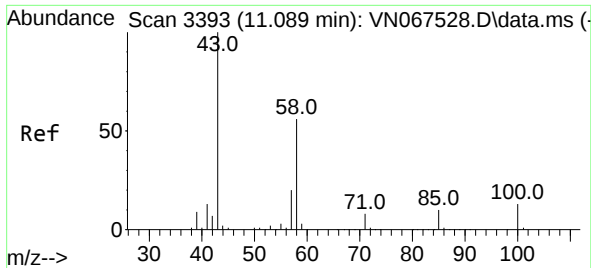


#58  
2-Chloroethyl Vinyl ether  
Concen: 286.545 ug/l  
RT: 10.043 min Scan# 3003  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 63 Resp: 325920  
Ion Ratio Lower Upper  
63 100  
106 29.2 19.8 29.8





#59  
2-Hexanone  
Concen: 292.520 ug/l  
RT: 11.089 min Scan# 3393  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

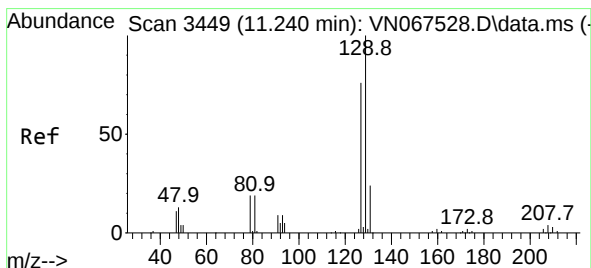
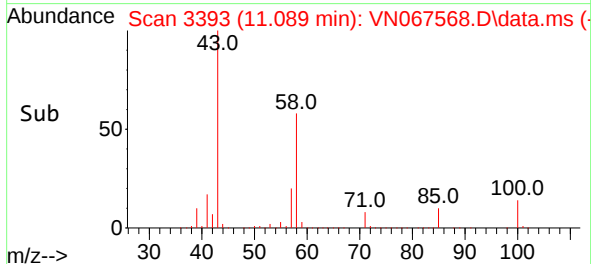
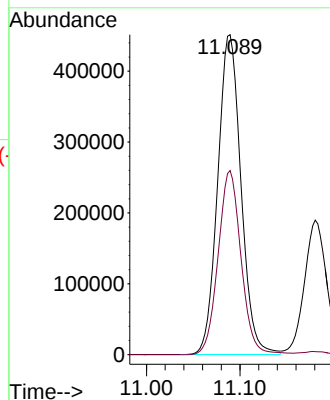
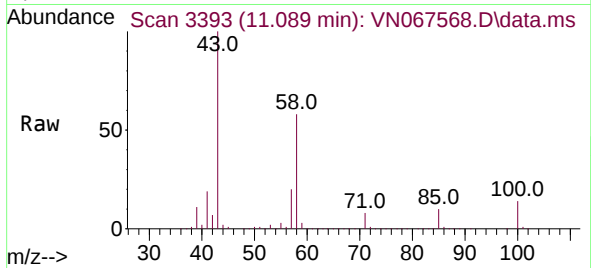
Tgt Ion: 43 Resp: 779810  
Ion Ratio Lower Upper  
43 100  
58 56.8 24.7 74.1

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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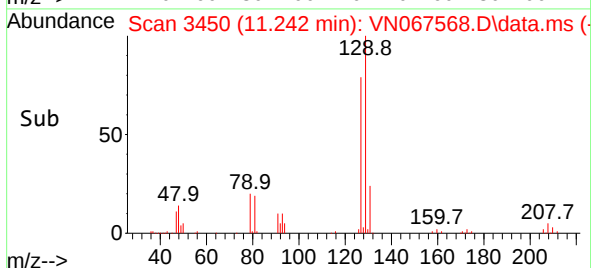
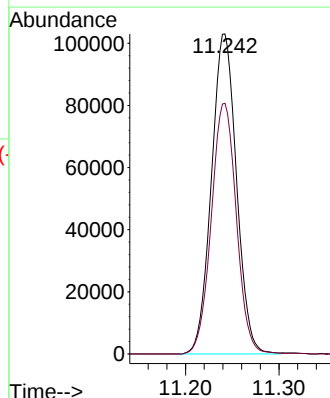
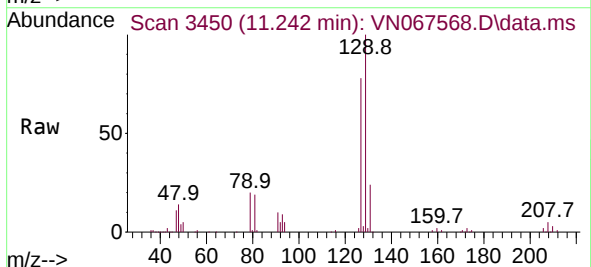
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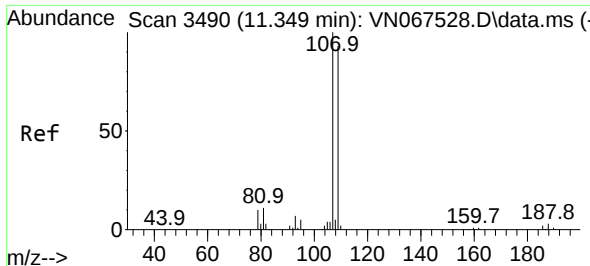
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#60  
Dibromochloromethane  
Concen: 51.611 ug/l  
RT: 11.242 min Scan# 3450  
Delta R.T. 0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

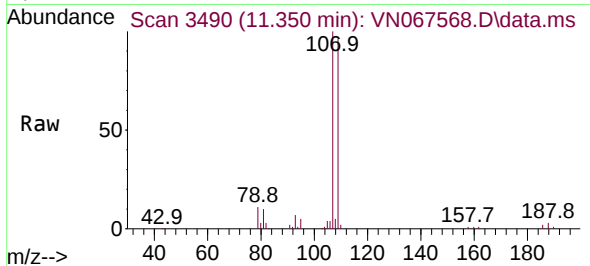
Tgt Ion:129 Resp: 192326  
Ion Ratio Lower Upper  
129 100  
127 78.1 38.6 115.8





#61  
1,2-Dibromoethane  
Concen: 58.355 ug/l  
RT: 11.350 min Scan# 3490  
Delta R.T. 0.001 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

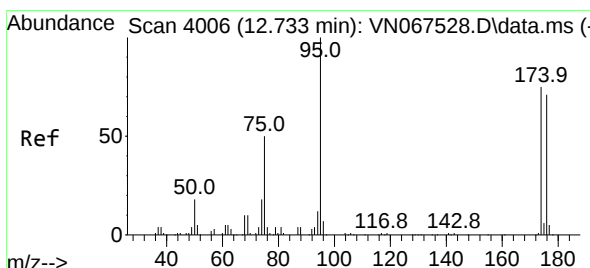
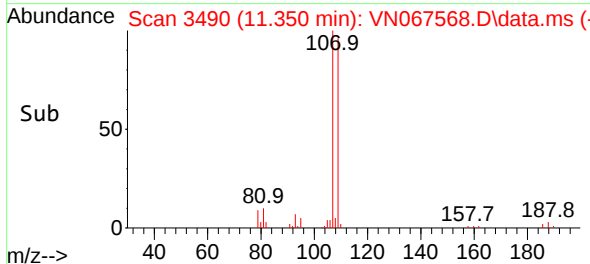
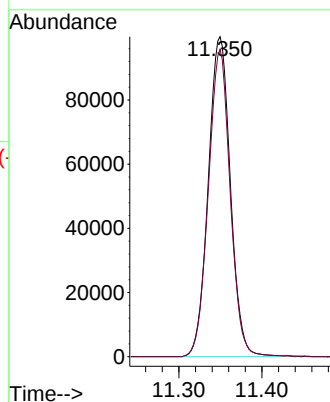


Tgt Ion:107 Resp: 184021  
Ion Ratio Lower Upper  
107 100  
109 94.8 75.0 112.4

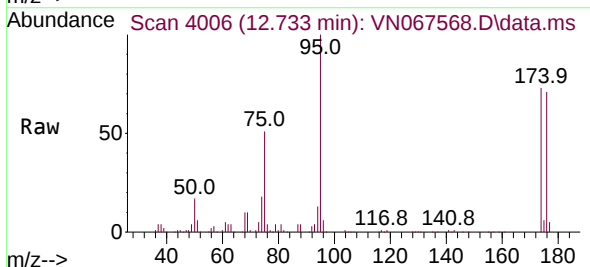
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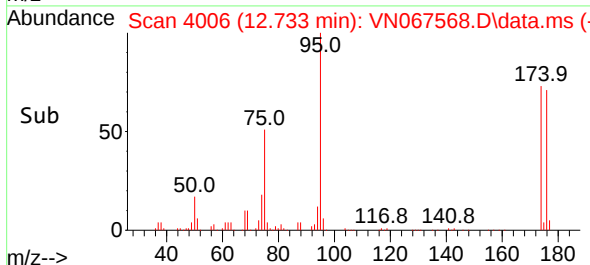
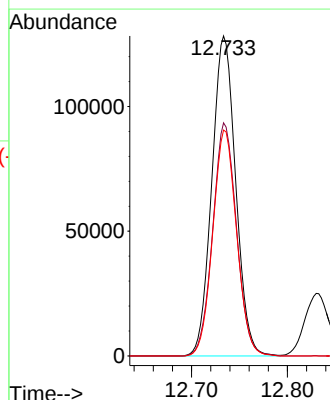
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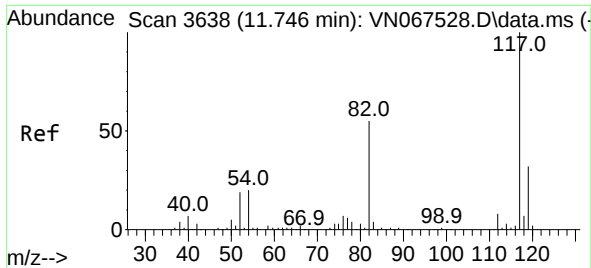


#62  
4-Bromofluorobenzene  
Concen: 56.939 ug/l  
RT: 12.733 min Scan# 4006  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



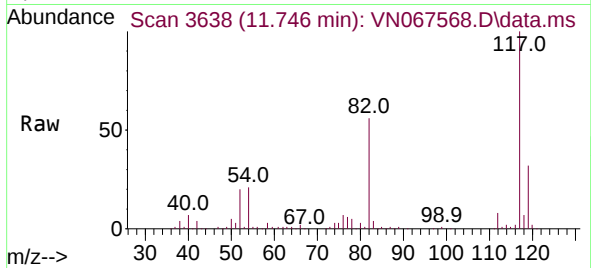
Tgt Ion: 95 Resp: 221385  
Ion Ratio Lower Upper  
95 100  
174 72.6 0.0 122.0  
176 70.5 0.0 117.6





#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.746 min Scan# 3638  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

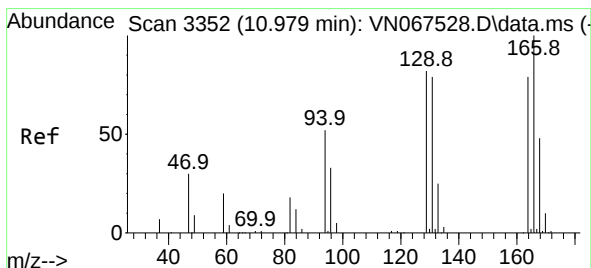
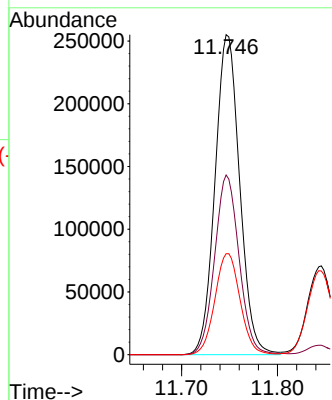


Tgt Ion:117 Resp: 455255  
Ion Ratio Lower Upper  
117 100  
82 56.1 53.1 79.7  
119 31.6 25.5 38.3

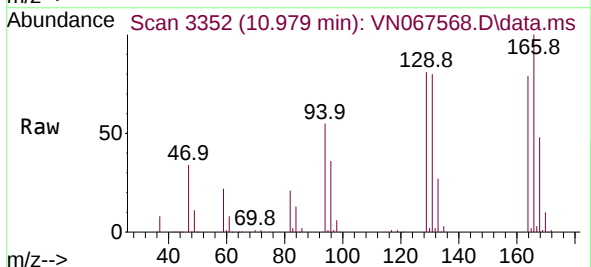
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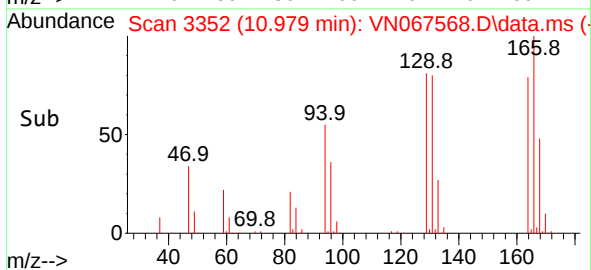
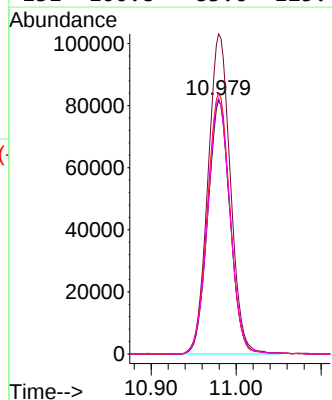
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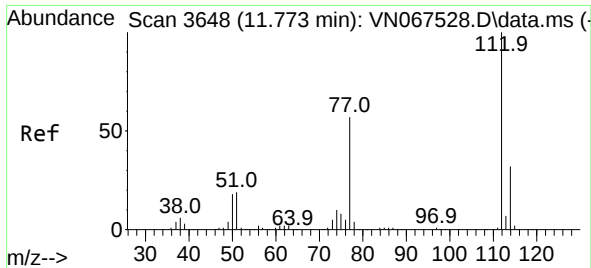


#64  
Tetrachloroethene  
Concen: 46.550 ug/l  
RT: 10.979 min Scan# 3352  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



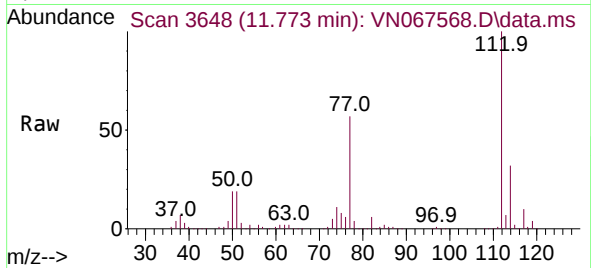
Tgt Ion:164 Resp: 148490  
Ion Ratio Lower Upper  
164 100  
166 126.1 102.1 153.1  
129 102.8 86.9 130.3  
131 100.8 83.6 125.4





#65  
Chlorobenzene  
Concen: 52.222 ug/l  
RT: 11.773 min Scan# 3648  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

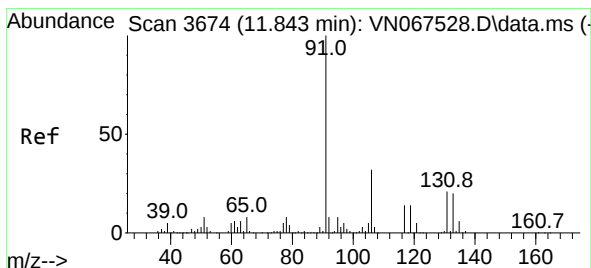
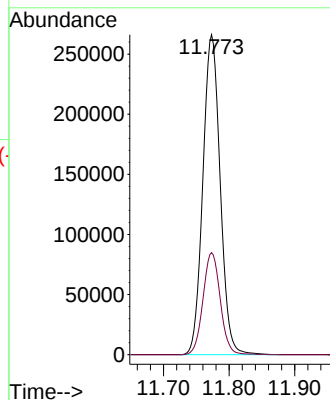
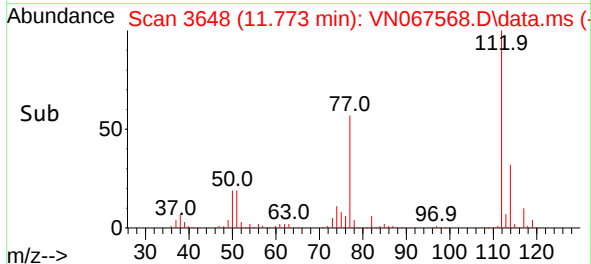


Tgt Ion:112 Resp: 487831  
Ion Ratio Lower Upper  
112 100  
114 31.9 24.6 37.0

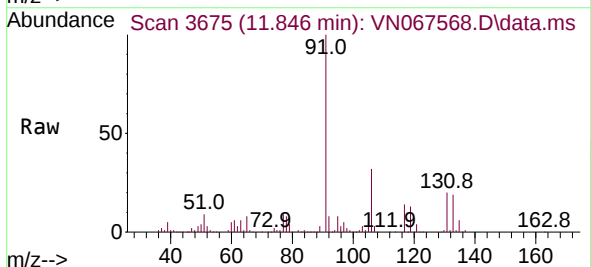
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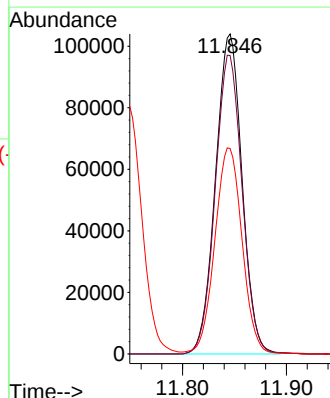
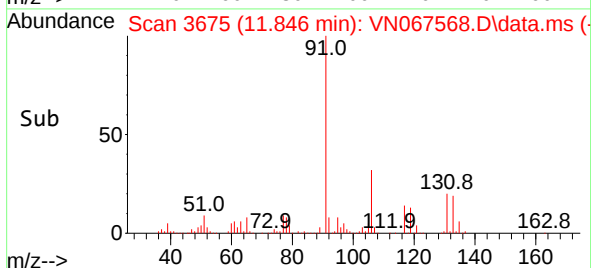
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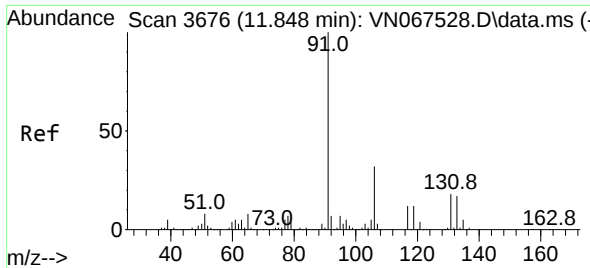


#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.267 ug/l  
RT: 11.846 min Scan# 3675  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



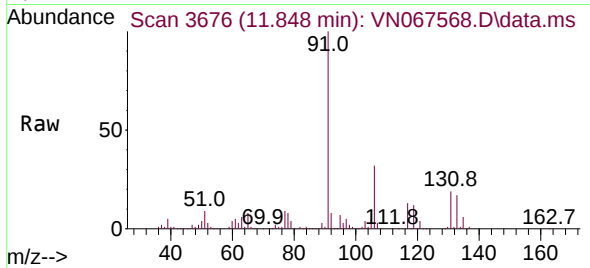
Tgt Ion:131 Resp: 184823  
Ion Ratio Lower Upper  
131 100  
133 94.4 47.5 142.5  
119 66.2 33.1 99.3





#67  
Ethyl Benzene  
Concen: 53.765 ug/l  
RT: 11.848 min Scan# 3676  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

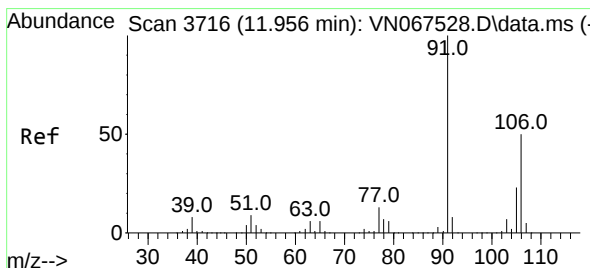
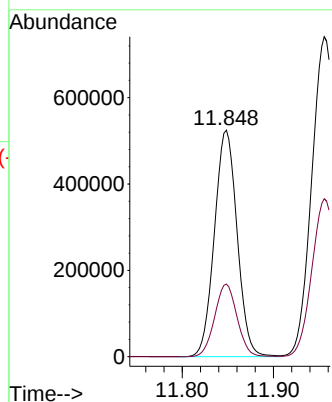


Tgt Ion: 91 Resp: 906604  
Ion Ratio Lower Upper  
91 100  
106 32.1 23.4 35.0

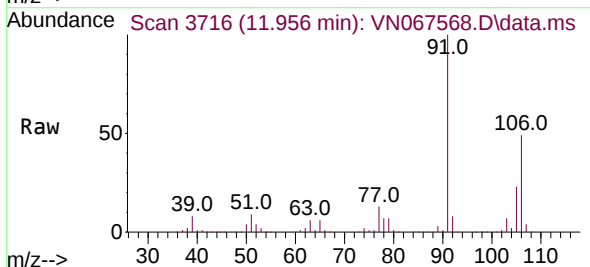
Manual Integrations  
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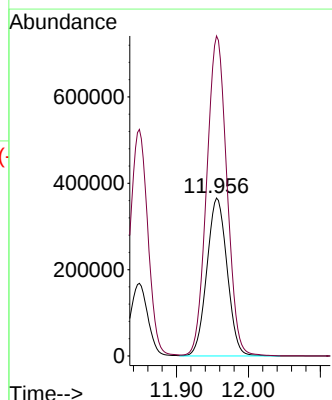
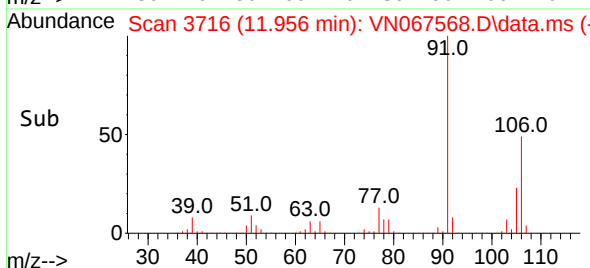
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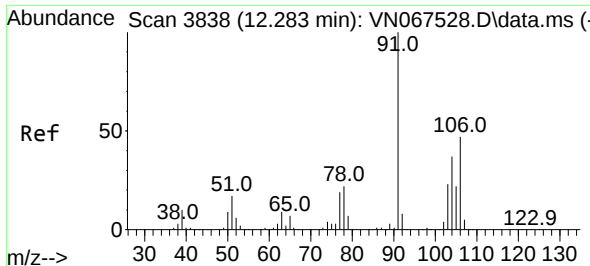


#68  
m/p-Xylenes  
Concen: 110.584 ug/l  
RT: 11.956 min Scan# 3716  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 106 Resp: 717897  
Ion Ratio Lower Upper  
106 100  
91 201.9 180.6 270.8





#69  
o-Xylene  
Concen: 54.946 ug/l  
RT: 12.283 min Scan# 3838  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

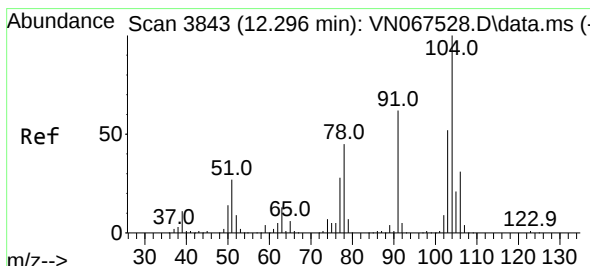
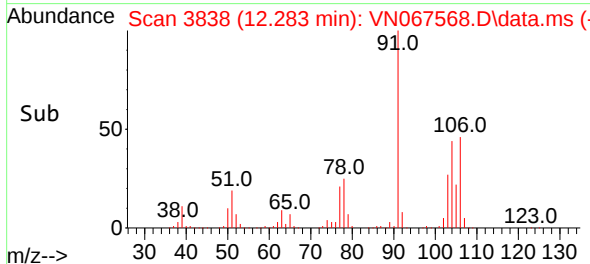
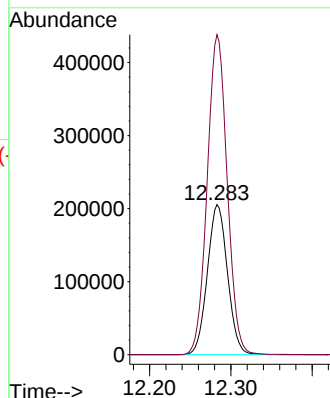
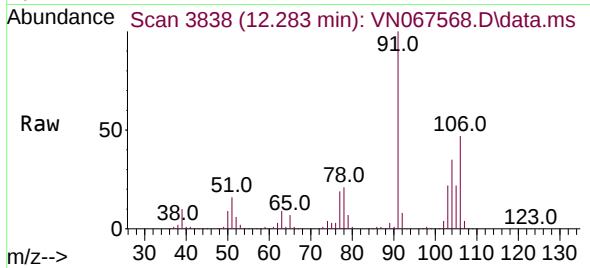
Tgt Ion:106 Resp: 353304  
Ion Ratio Lower Upper  
106 100  
91 211.7 118.3 354.9

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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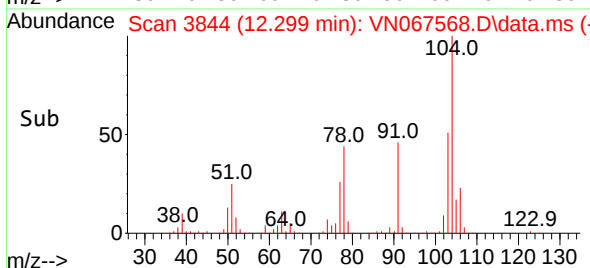
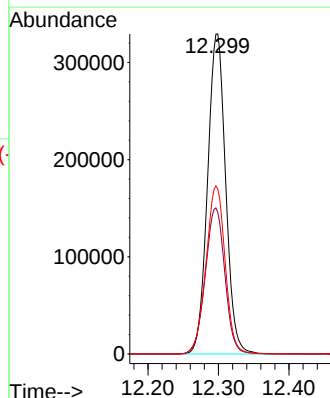
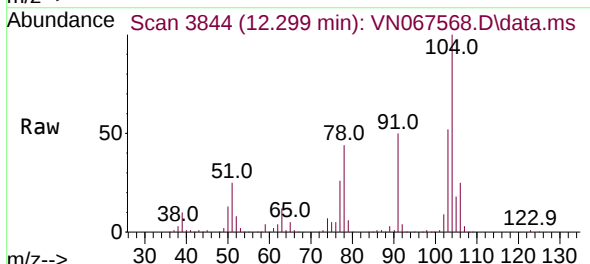
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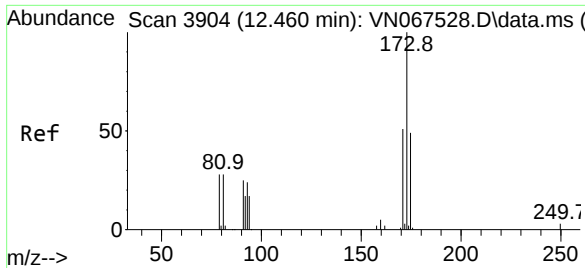
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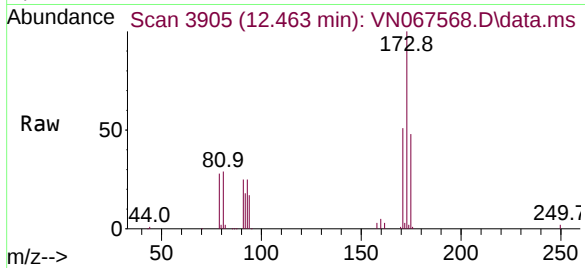
#70  
Styrene  
Concen: 51.330 ug/l  
RT: 12.299 min Scan# 3844  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion:104 Resp: 586242  
Ion Ratio Lower Upper  
104 100  
78 49.4 48.2 72.2  
103 55.8 44.5 66.7

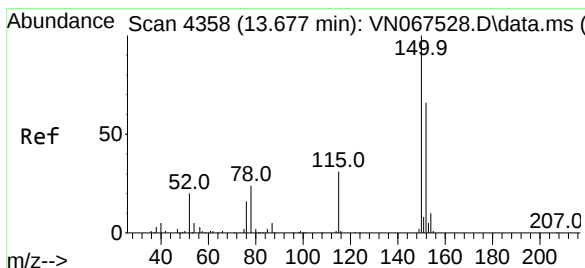
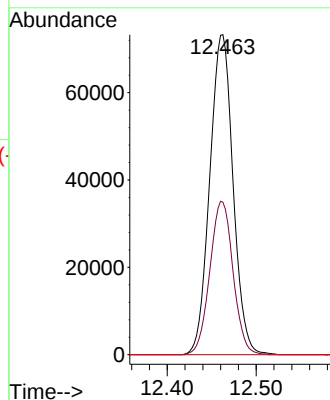
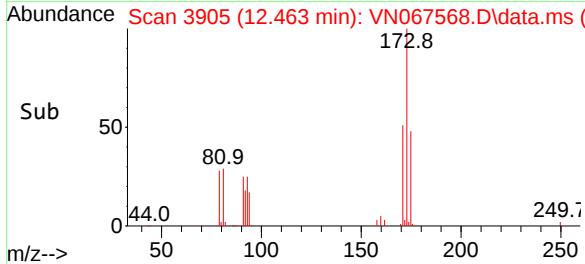




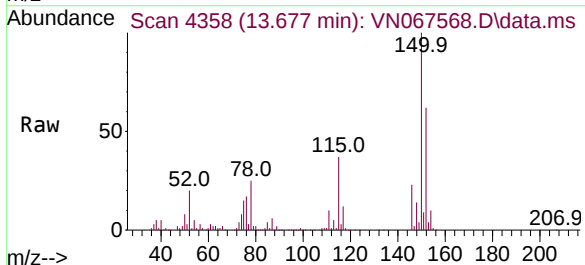
#71  
Bromoform  
Concen: 47.732 ug/l  
RT: 12.463 min Scan# 3905  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



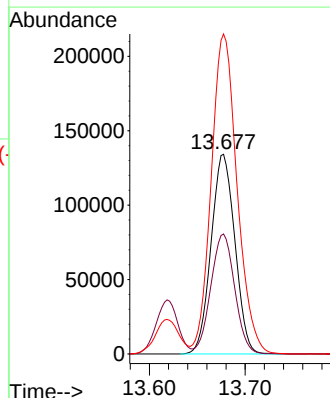
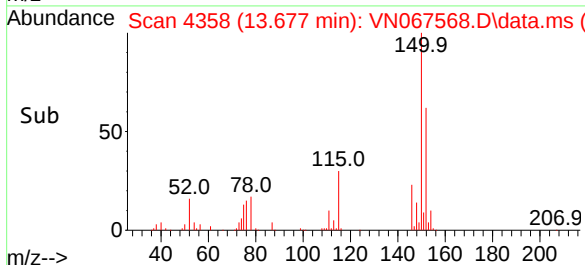
Tgt Ion:173 Resp: 133210  
Ion Ratio Lower Upper  
173 100  
175 47.8 23.9 71.8  
254 0.0 0.0 0.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.677 min Scan# 4358  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion:152 Resp: 231072  
Ion Ratio Lower Upper  
152 100  
115 60.1 36.1 108.5  
150 174.2 0.0 351.8

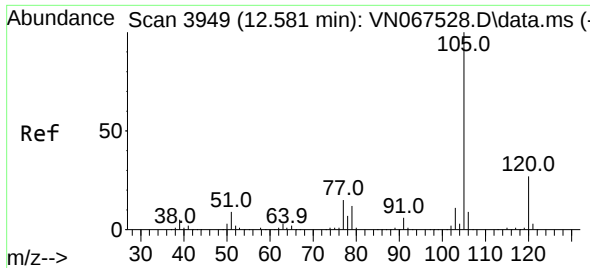


Instrument :  
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#73  
Isopropylbenzene  
Concen: 47.205 ug/l  
RT: 12.583 min Scan# 3950  
Delta R.T. 0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

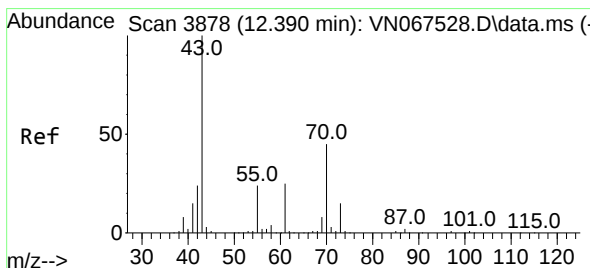
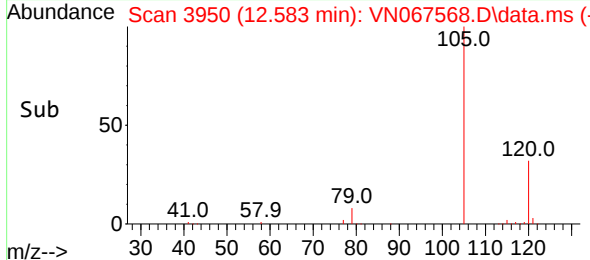
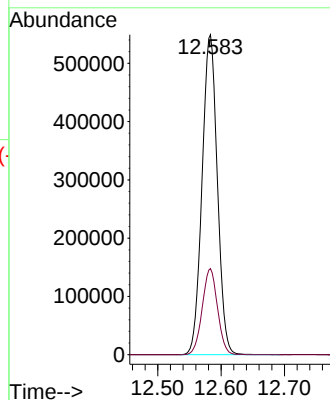
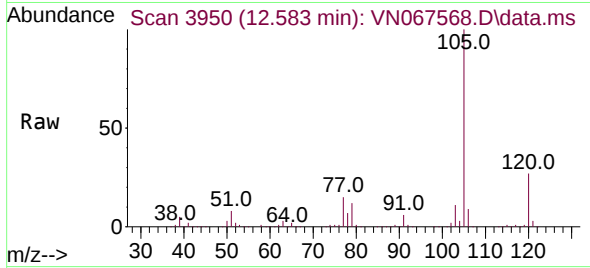
Tgt Ion: 105 Resp: 917273  
Ion Ratio Lower Upper  
105 100  
120 26.9 12.5 37.5

Instrument :  
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VSTDCCC050EC

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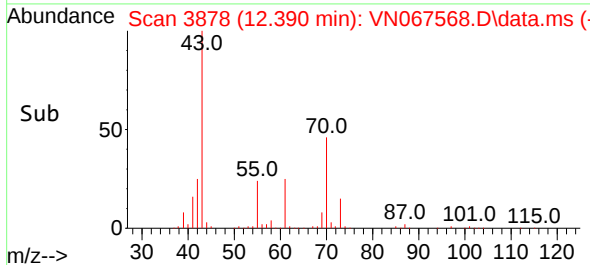
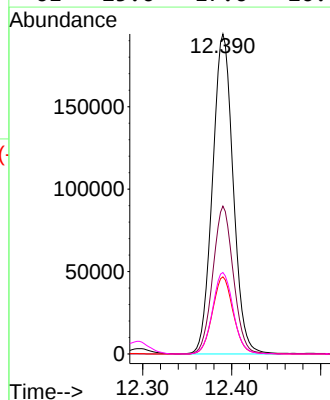
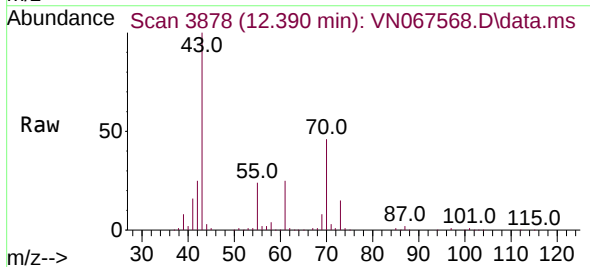
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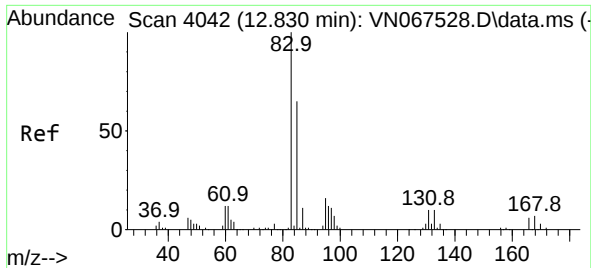
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#74  
N-ethyl acetate  
Concen: 48.990 ug/l  
RT: 12.390 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 43 Resp: 312129  
Ion Ratio Lower Upper  
43 100  
70 46.0 29.4 44.2#  
55 24.2 17.0 25.4  
61 25.6 17.6 26.4





#75  
1,1,2,2-Tetrachloroethane  
Concen: 47.056 ug/l  
RT: 12.830 min Scan# 4042  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

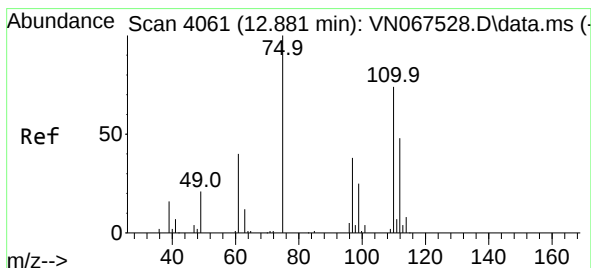
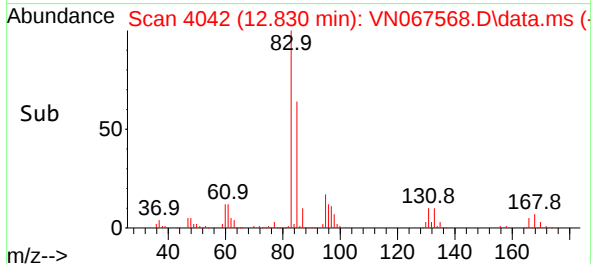
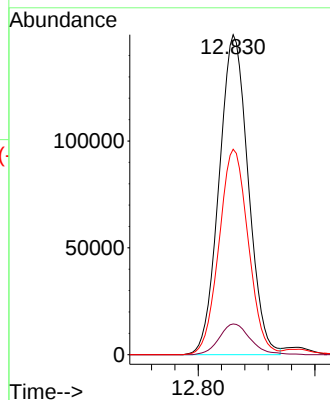
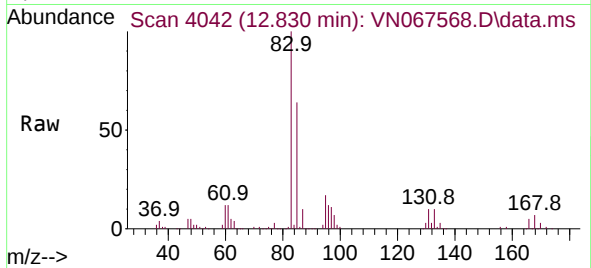
Tgt Ion: 83 Resp: 259350  
Ion Ratio Lower Upper  
83 100  
131 10.3 4.8 14.4  
85 64.5 32.2 96.6

Instrument :  
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ClientSampleId :  
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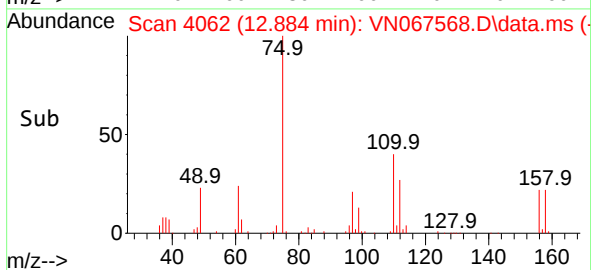
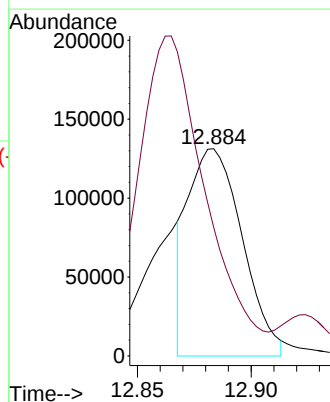
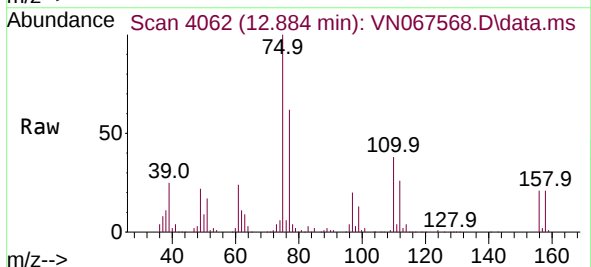
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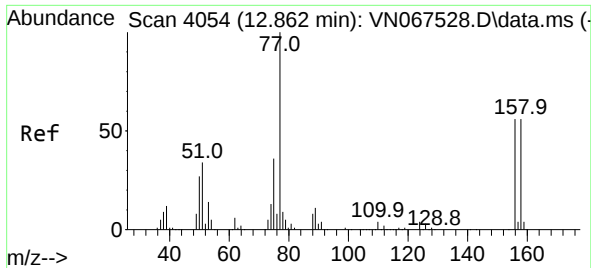
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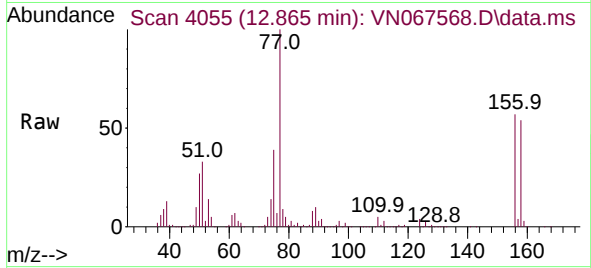
#76  
1,2,3-Trichloropropane  
Concen: 47.106 ug/l m  
RT: 12.884 min Scan# 4062  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 75 Resp: 218176  
Ion Ratio Lower Upper  
75 100  
77 192.9 0.0 0.0#

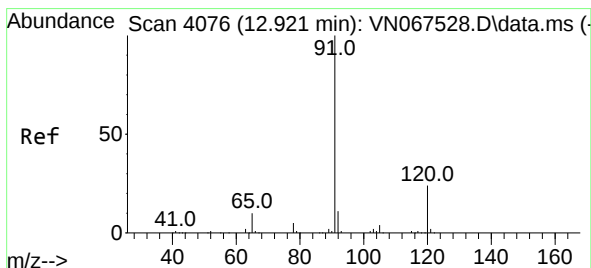
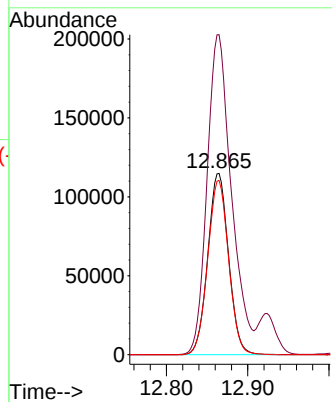
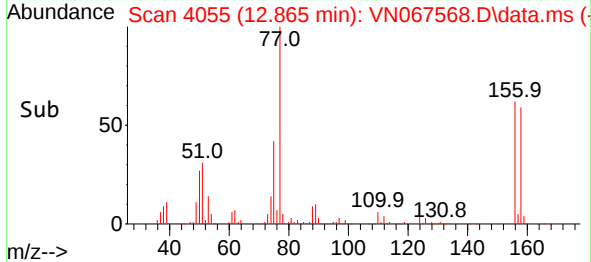




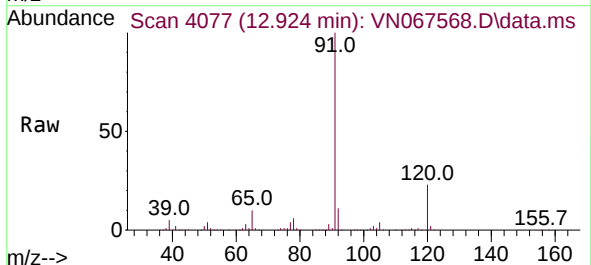
#77  
Bromobenzene  
Concen: 47.400 ug/l  
RT: 12.865 min Scan# 4055  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



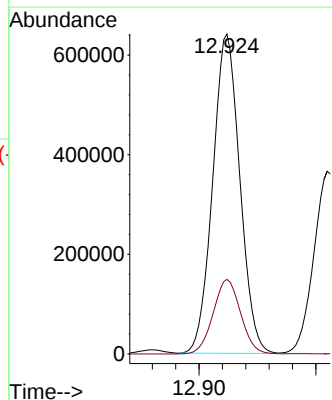
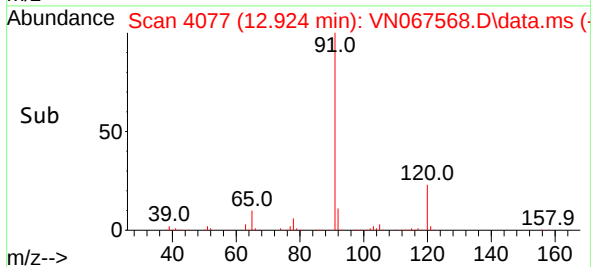
Tgt Ion:156 Resp: 204353  
Ion Ratio Lower Upper  
156 100  
77 206.0 136.2 408.6  
158 96.4 48.4 145.3



#78  
n-propylbenzene  
Concen: 47.719 ug/l  
RT: 12.924 min Scan# 4077  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 91 Resp: 1033451  
Ion Ratio Lower Upper  
91 100  
120 23.6 10.4 31.4

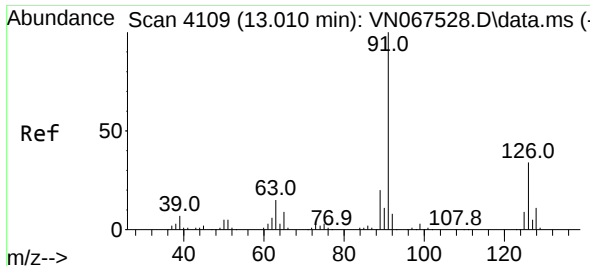


Instrument :  
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#79  
2-Chlorotoluene  
Concen: 46.657 ug/l  
RT: 13.010 min Scan# 4109  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

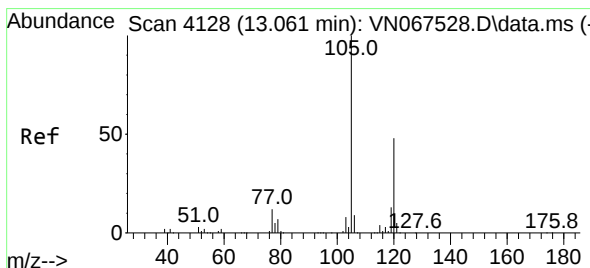
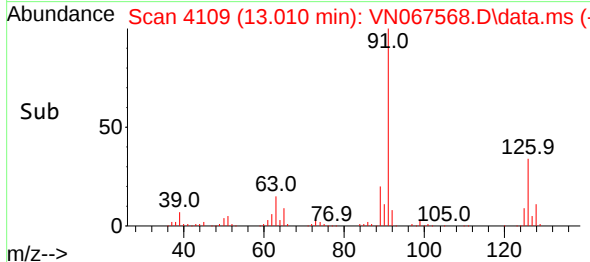
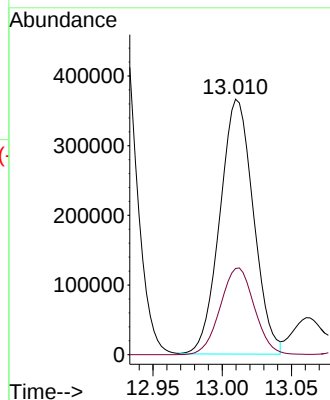
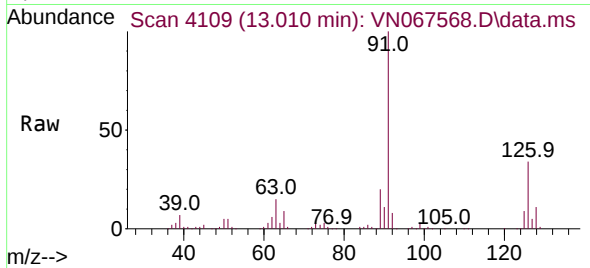
Tgt Ion: 91 Resp: 617327  
Ion Ratio Lower Upper  
91 100  
126 34.6 14.5 43.5

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

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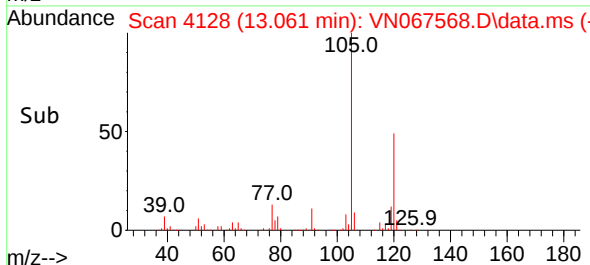
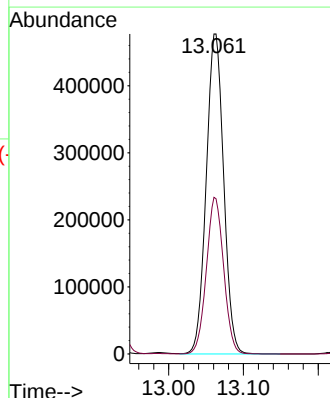
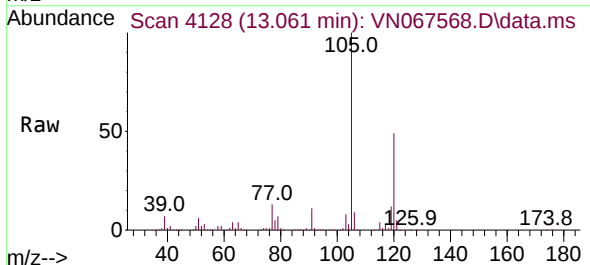
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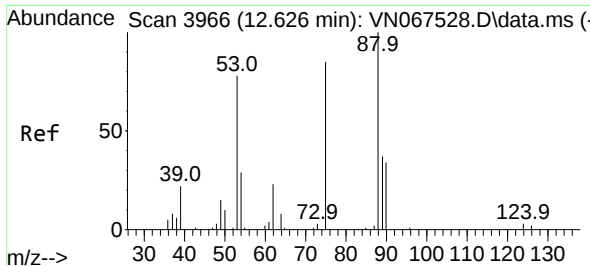
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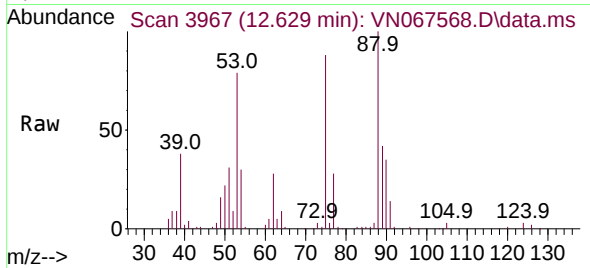
#80  
1,3,5-Trimethylbenzene  
Concen: 48.605 ug/l  
RT: 13.061 min Scan# 4128  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Tgt Ion: 105 Resp: 774006  
Ion Ratio Lower Upper  
105 100  
120 48.4 22.2 66.6

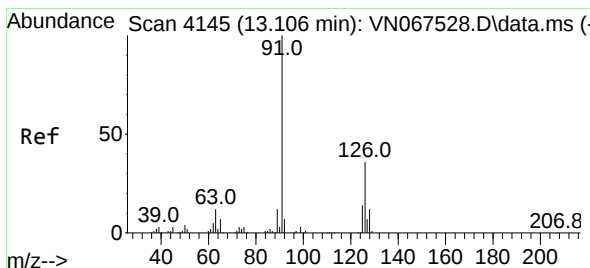
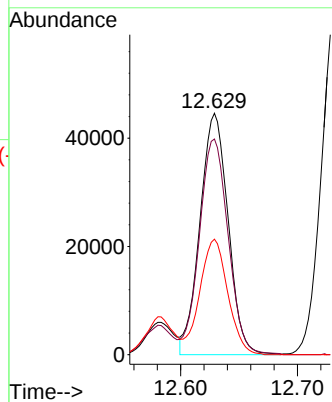
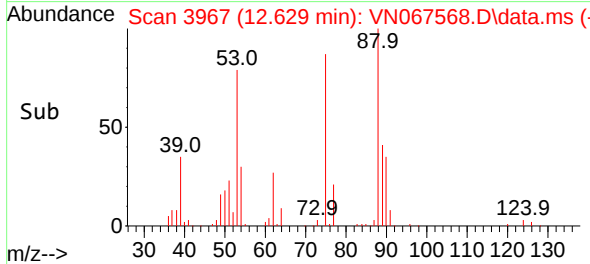




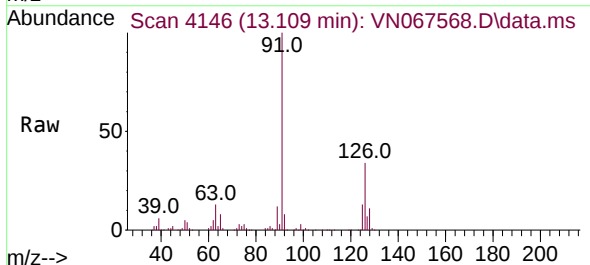
#81  
trans-1,4-Dichloro-2-butene  
Concen: 46.314 ug/l  
RT: 12.629 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



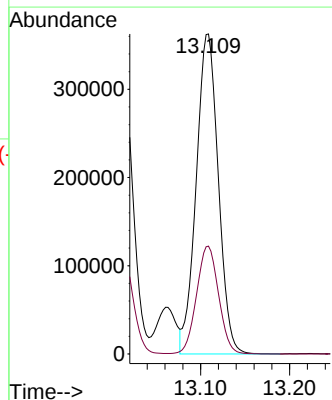
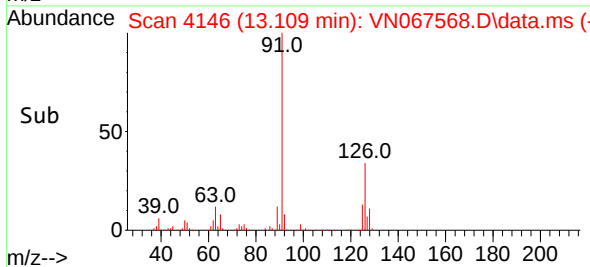
Tgt Ion: 75 Resp: 74610  
Ion Ratio Lower Upper  
75 100  
53 92.3 87.6 131.4  
89 47.5 37.8 56.8



#82  
4-Chlorotoluene  
Concen: 48.396 ug/l  
RT: 13.109 min Scan# 4146  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion: 91 Resp: 625784  
Ion Ratio Lower Upper  
91 100  
126 33.7 14.8 44.4

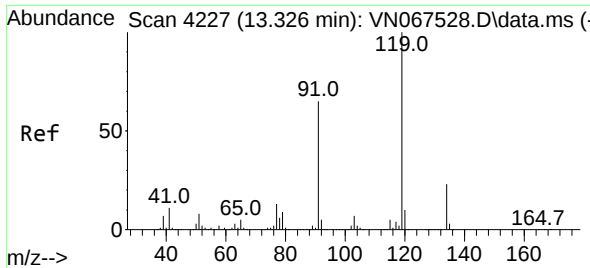


Instrument :  
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ClientSampleId :  
VSTDCCC050EC

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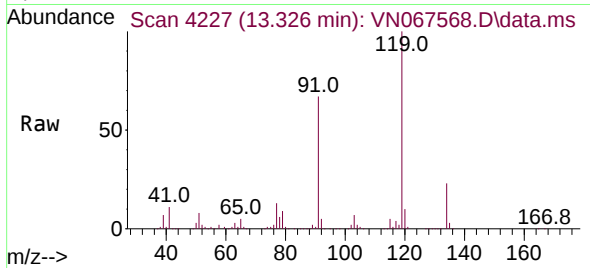
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#83  
tert-Butylbenzene  
Concen: 48.067 ug/l  
RT: 13.326 min Scan# 4227  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
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ClientSampleId :  
VSTDCCC050EC

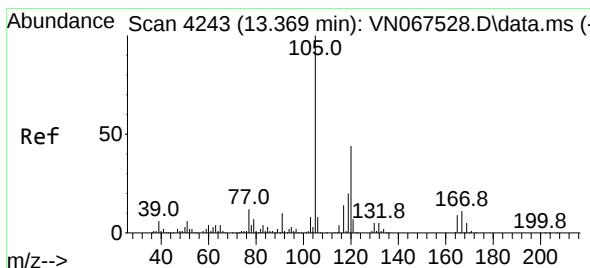
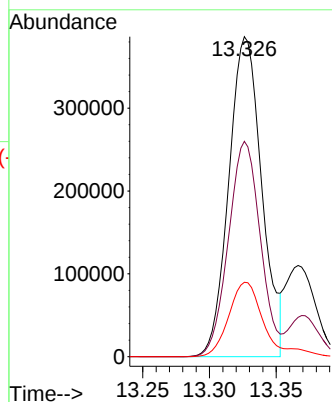
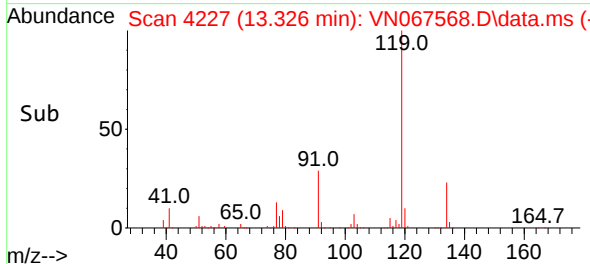


Tgt Ion:119 Resp: 663899  
Ion Ratio Lower Upper  
119 100  
91 65.2 39.5 118.5  
134 25.0 12.0 36.0

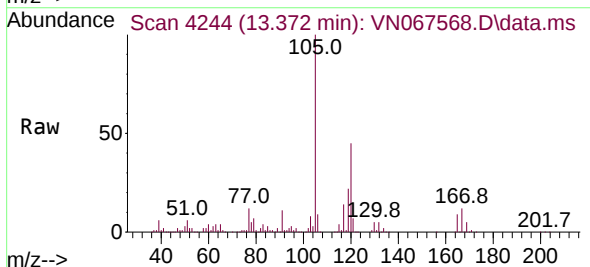
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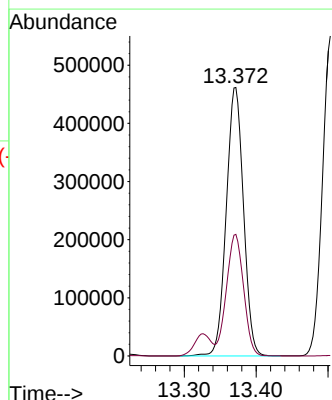
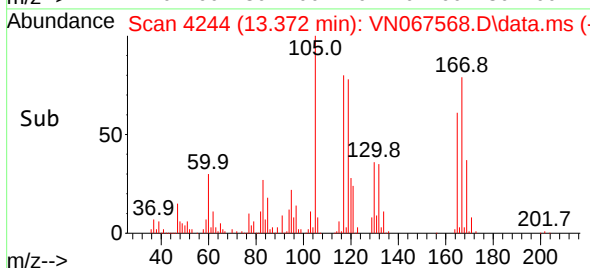
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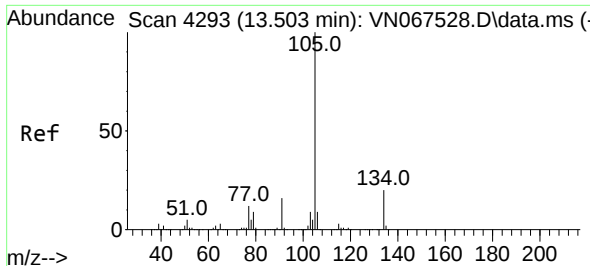


#84  
1,2,4-Trimethylbenzene  
Concen: 48.941 ug/l  
RT: 13.372 min Scan# 4244  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



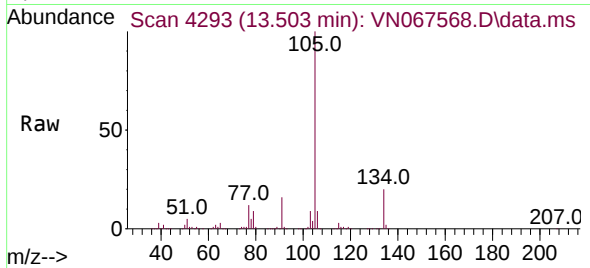
Tgt Ion:105 Resp: 767360  
Ion Ratio Lower Upper  
105 100  
120 45.3 20.6 61.8





#85  
 sec-Butylbenzene  
 Concen: 47.700 ug/l  
 RT: 13.503 min Scan# 4293  
 Delta R.T. 0.000 min  
 Lab File: VN067568.D  
 Acq: 29 Jun 2021 21:22

Instrument :  
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 ClientSampleId :  
 VSTDCCC050EC

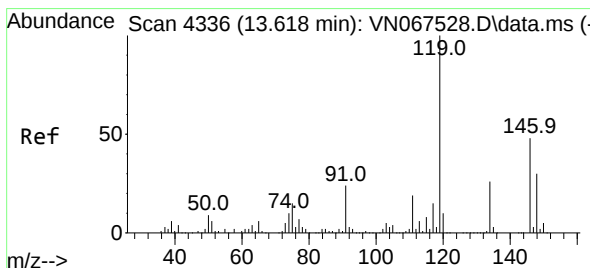
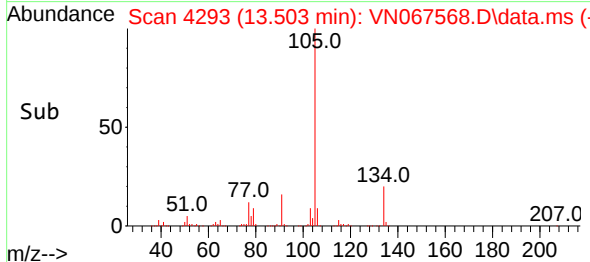
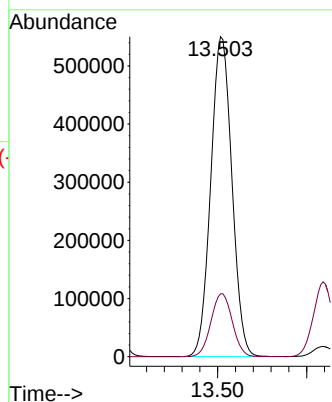


Tgt Ion:105 Resp: 906055  
 Ion Ratio Lower Upper  
 105 100  
 134 19.9 9.0 27.1

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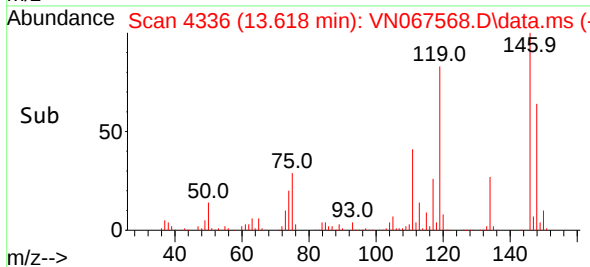
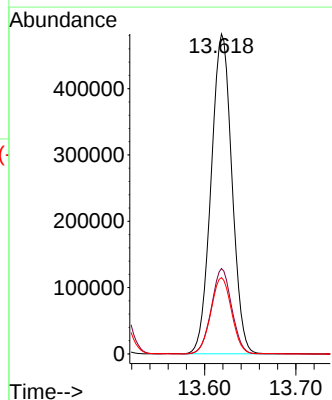
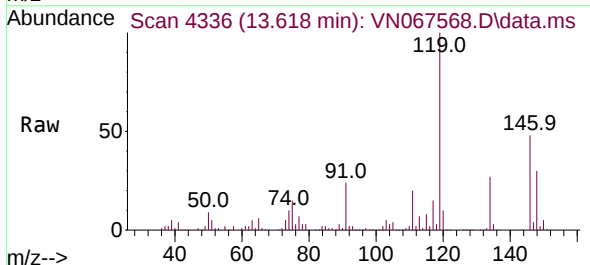
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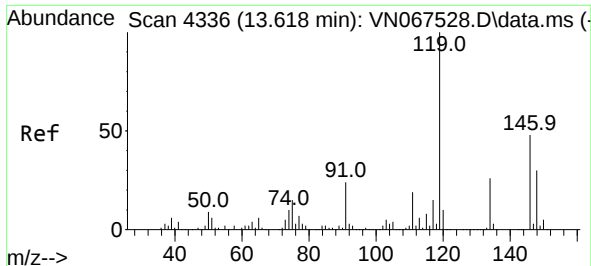
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#86  
 p-Isopropyltoluene  
 Concen: 49.914 ug/l  
 RT: 13.618 min Scan# 4336  
 Delta R.T. 0.000 min  
 Lab File: VN067568.D  
 Acq: 29 Jun 2021 21:22

Tgt Ion:119 Resp: 762570  
 Ion Ratio Lower Upper  
 119 100  
 134 26.2 12.4 37.4  
 91 23.7 14.8 44.3





#87  
1,3-Dichlorobenzene  
Concen: 49.374 ug/l  
RT: 13.618 min Scan# 4336  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

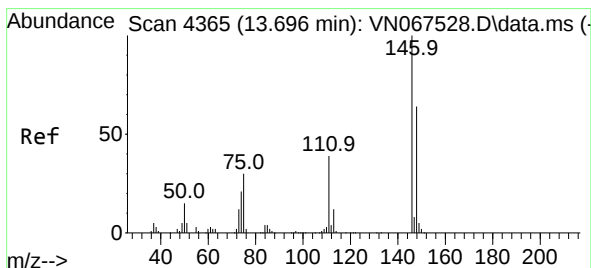
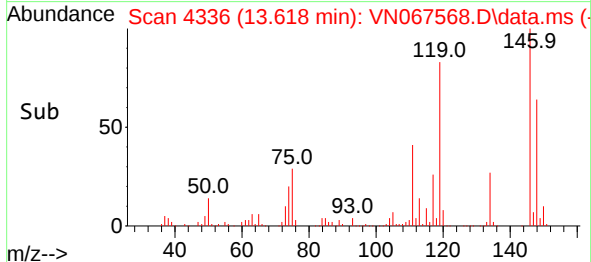
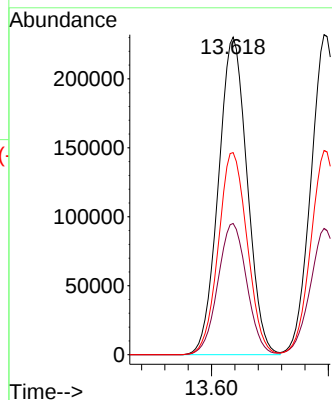
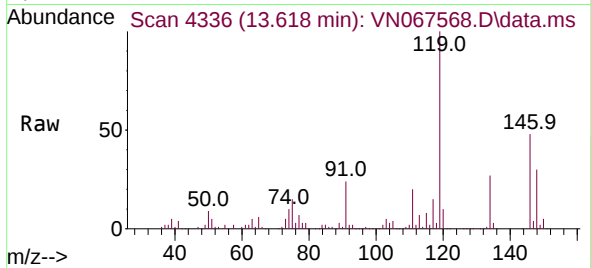
Tgt Ion:146 Resp: 394127  
Ion Ratio Lower Upper  
146 100  
111 41.5 24.3 72.8  
148 63.9 32.0 96.0

Instrument :  
MSVOA\_N  
ClientSampleId :  
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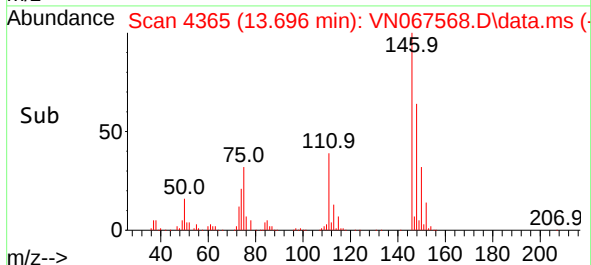
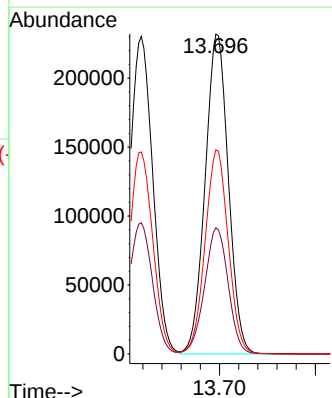
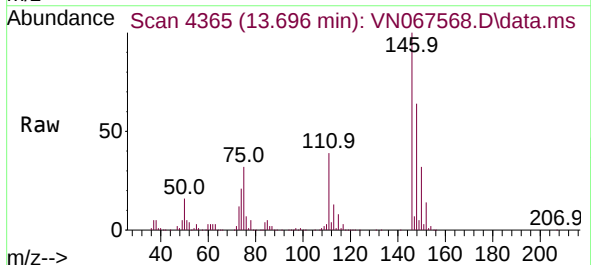
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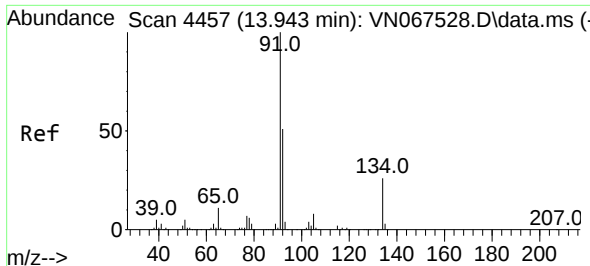
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#88  
1,4-Dichlorobenzene  
Concen: 49.615 ug/l  
RT: 13.696 min Scan# 4365  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

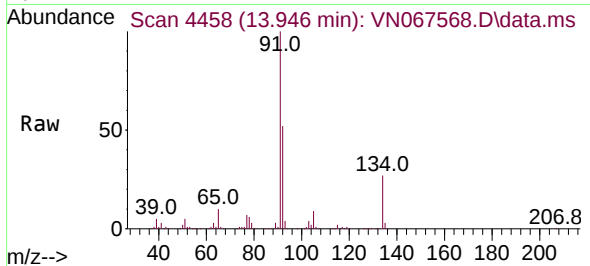
Tgt Ion:146 Resp: 391427  
Ion Ratio Lower Upper  
146 100  
111 40.0 23.4 70.2  
148 63.7 31.8 95.3





#89  
n-Butylbenzene  
Concen: 47.896 ug/l  
RT: 13.946 min Scan# 4458  
Delta R.T. 0.003 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

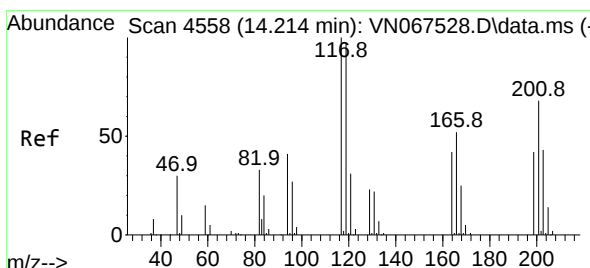
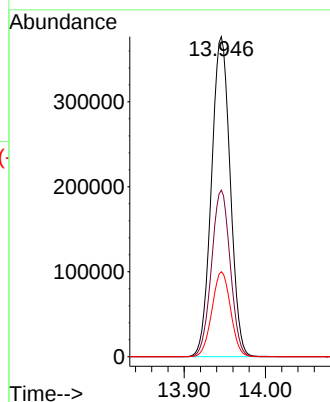


Tgt Ion: 91 Resp: 603481  
Ion Ratio Lower Upper  
91 100  
92 52.1 25.7 77.1  
134 26.4 11.2 33.6

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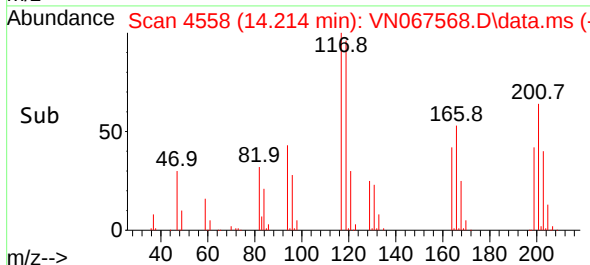
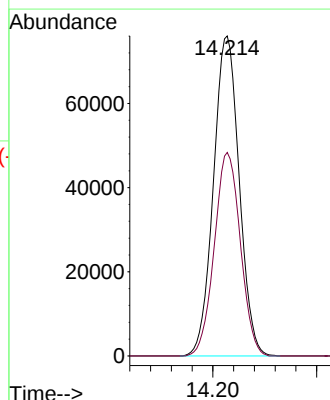
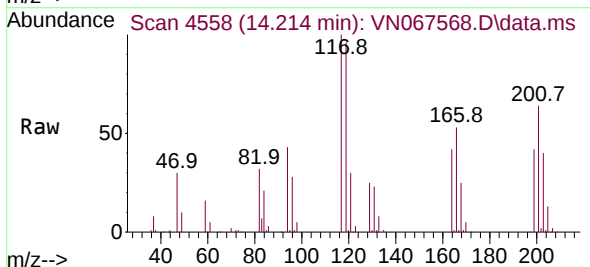
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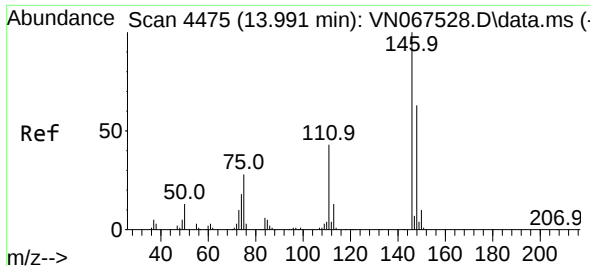
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#90  
Hexachloroethane  
Concen: 48.678 ug/l  
RT: 14.214 min Scan# 4558  
Delta R.T. -0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

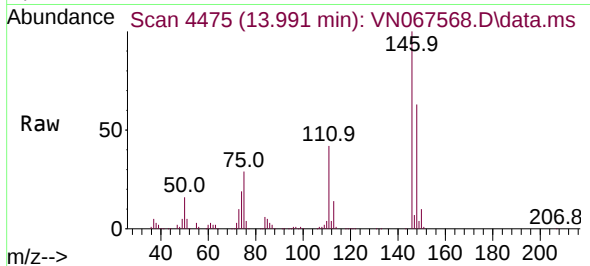
Tgt Ion: 117 Resp: 130879  
Ion Ratio Lower Upper  
117 100  
201 64.3 33.5 100.5





#91  
1,2-Dichlorobenzene  
Concen: 50.354 ug/l  
RT: 13.991 min Scan# 4475  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

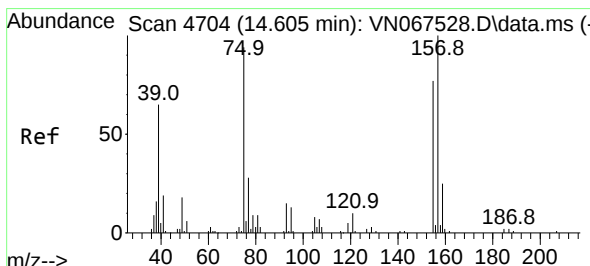
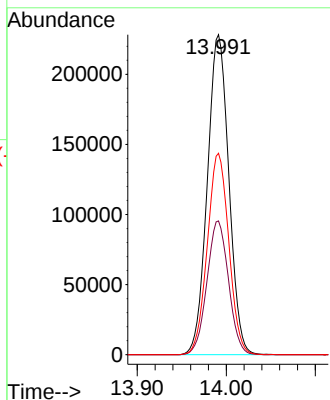
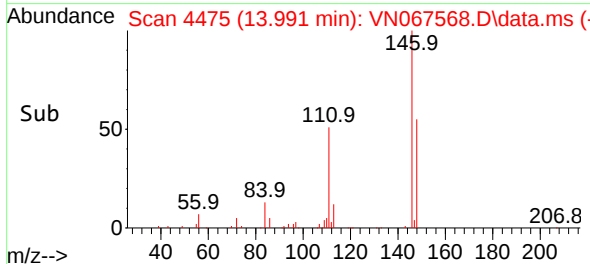


Tgt Ion:146 Resp: 382917  
Ion Ratio Lower Upper  
146 100  
111 41.9 24.9 74.6  
148 63.0 31.6 95.0

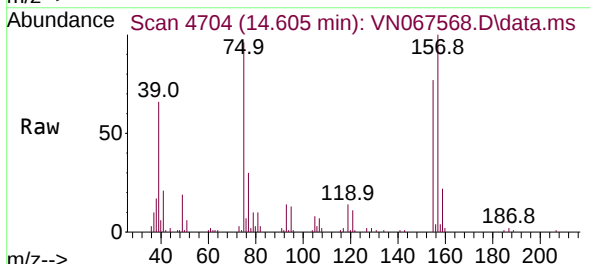
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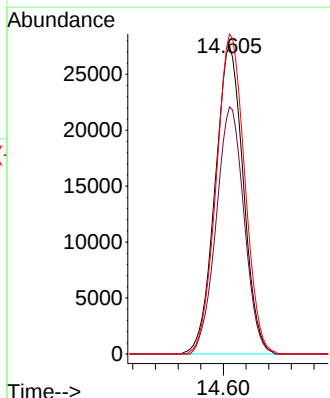
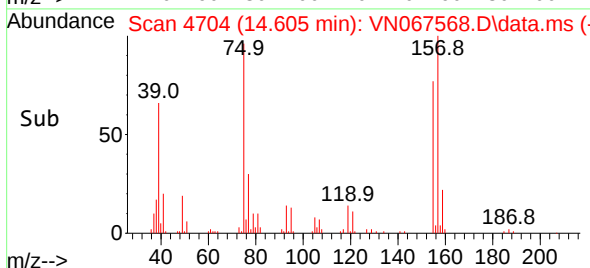
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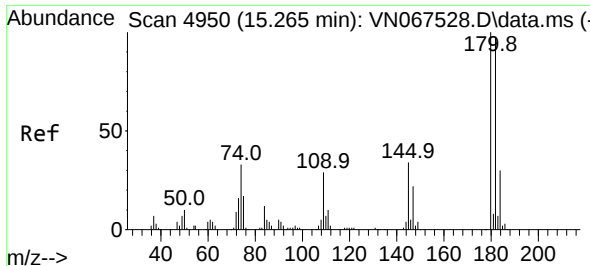


#92  
1,2-Dibromo-3-Chloropropane  
Concen: 49.364 ug/l  
RT: 14.605 min Scan# 4704  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

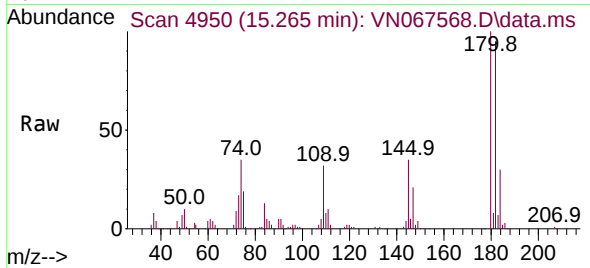


Tgt Ion: 75 Resp: 47593  
Ion Ratio Lower Upper  
75 100  
155 79.3 29.8 89.5  
157 104.6 37.6 112.8

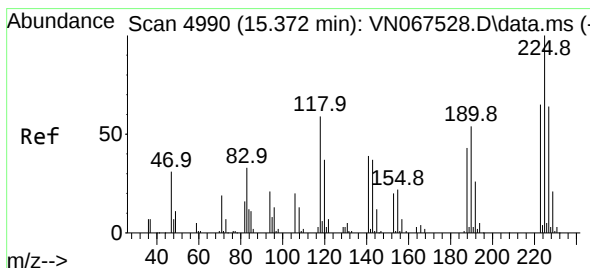
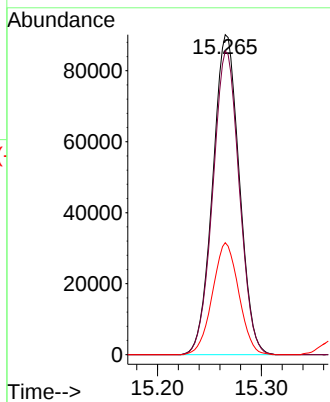
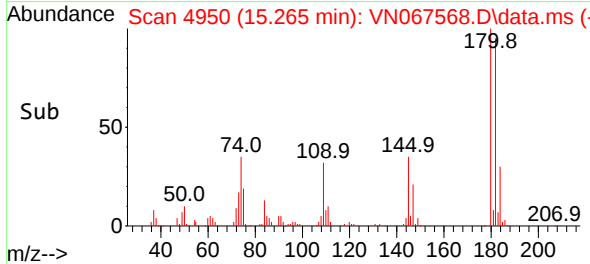




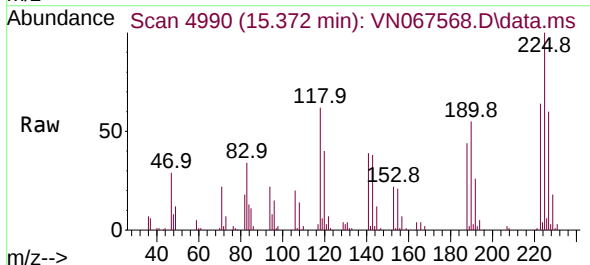
#93  
1,2,4-Trichlorobenzene  
Concen: 47.802 ug/l  
RT: 15.265 min Scan# 4950  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



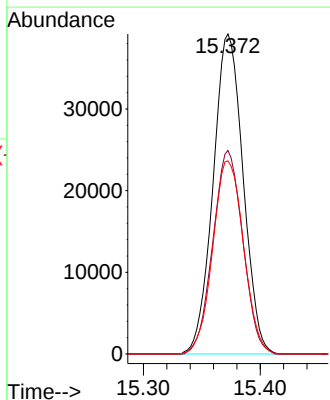
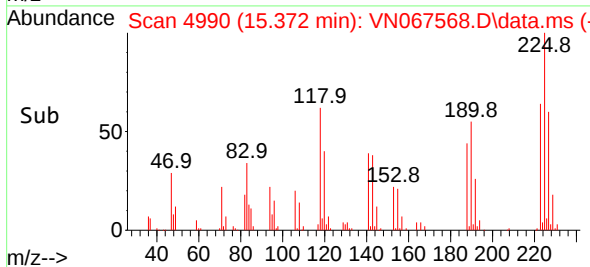
Tgt Ion:180 Resp: 160020  
Ion Ratio Lower Upper  
180 100  
182 94.6 47.5 142.5  
145 34.8 17.2 51.6



#94  
Hexachlorobutadiene  
Concen: 47.294 ug/l  
RT: 15.372 min Scan# 4990  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion:225 Resp: 69776  
Ion Ratio Lower Upper  
225 100  
223 63.5 31.4 94.0  
227 62.1 31.2 93.6

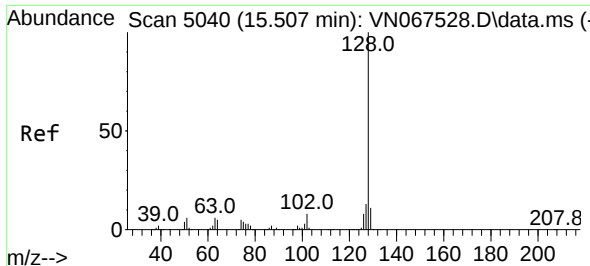


Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

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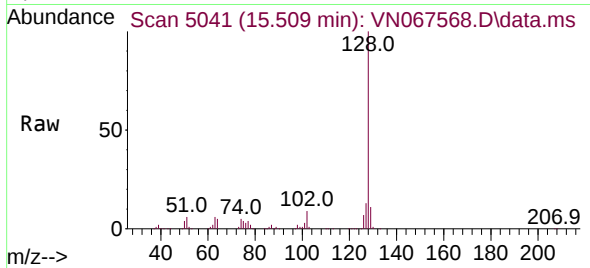
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#95  
Naphthalene  
Concen: 46.033 ug/l  
RT: 15.509 min Scan# 5041  
Delta R.T. 0.002 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22

Instrument :  
MSVOA\_N  
ClientSampleId :  
VSTDCCC050EC

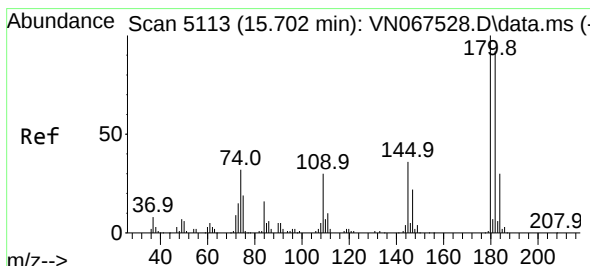
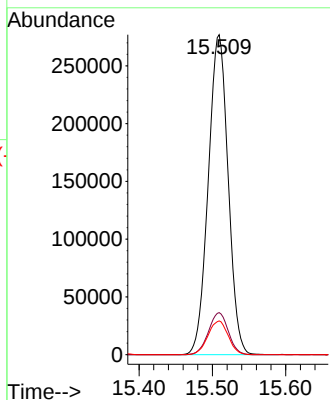
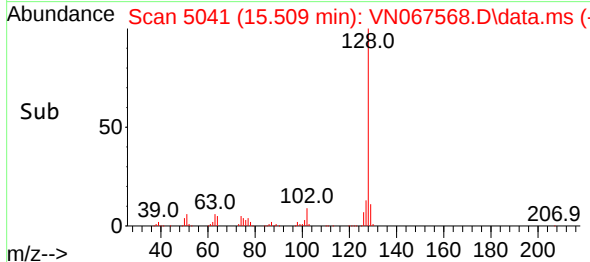


Tgt Ion:128 Resp: 521482  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.6 15.8  
129 10.8 8.6 12.8

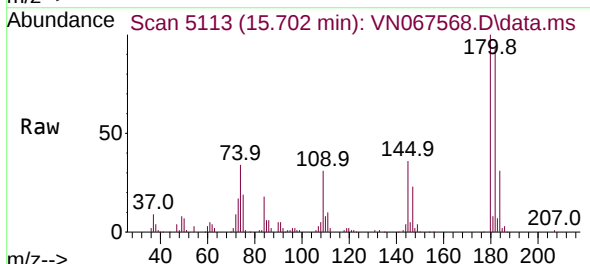
Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 46.756 ug/l  
RT: 15.702 min Scan# 5113  
Delta R.T. 0.000 min  
Lab File: VN067568.D  
Acq: 29 Jun 2021 21:22



Tgt Ion:180 Resp: 153195  
Ion Ratio Lower Upper  
180 100  
182 94.7 47.8 143.3  
145 36.2 18.2 54.6

