

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW040521\  
 Data File : VW020935.D  
 Acq On : 05 Apr 2021 23:18  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD05074

Quant Time: Apr 06 06:29:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 06 06:22:01 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|--------|--------|----------|
| -----                         |                |      |            |        |        |          |
| Internal Standards            |                |      |            |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 608380     | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 589975     | 50.00  | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 347012     | 50.00  | ug/L   | 0.00     |
|                               |                |      |            |        |        |          |
| System Monitoring Compounds   |                |      |            |        |        |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 155680     | 36.04  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 72.08% |        |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 126851     | 38.85  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 77.70% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 338864     | 41.58  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.16% |        |          |
| 21) 2-Butanone-d5             | 3.896          | 46   | 231440     | 82.36  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 82.36% |        |          |
| 24) Chloroform-d              | 4.352          | 84   | 413784     | 48.20  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.40% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 271514     | 48.01  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.02% |        |          |
| 32) Benzene-d6                | 5.053          | 84   | 731493     | 46.52  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.04% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 208718     | 43.23  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 86.46% |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 717375     | 49.01  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.02% |        |          |
| 43) trans-1,3-Dichloroprop... | 7.622          | 79   | 120433     | 46.88  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.76% |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 177086     | 87.49  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 87.49% |        |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 310769     | 44.19  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.38% |        |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.632         | 152  | 332241     | 49.33  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.66% |        |          |
|                               |                |      |            |        |        |          |
| Target Compounds              |                |      |            |        | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.130          | 85   | 246516     | 43.25  | ug/L   | 100      |
| 3) Chloromethane              | 1.243          | 50   | 155239     | 34.12  | ug/L   | 94       |
| 5) Vinyl chloride             | 1.311          | 62   | 186020     | 40.02  | ug/L   | 99       |
| 6) Bromomethane               | 1.523          | 94   | 131997     | 45.04  | ug/L   | 99       |
| 8) Chloroethane               | 1.587          | 64   | 110565     | 41.18  | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.751          | 101  | 404331     | 50.89  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.118          | 101  | 191209     | 50.07  | ug/L   | 92       |
| 12) 1,1-Dichloroethene        | 2.118          | 96   | 175106     | 49.32  | ug/L   | 86       |
| 13) Acetone                   | 2.192          | 43   | 158556     | 79.13  | ug/L   | 97       |
| 14) Carbon disulfide          | 2.294          | 76   | 474286     | 40.40  | ug/L   | 99       |
| 15) Methyl Acetate            | 2.439          | 43   | 168351     | 40.24  | ug/L # | 90       |
| 16) Methylene chloride        | 2.507          | 84   | 195965     | 45.26  | ug/L   | 88       |
| 17) trans-1,2-Dichloroethene  | 2.761          | 96   | 189856     | 46.63  | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 2.770          | 73   | 623619     | 49.40  | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.192          | 63   | 343313     | 45.39  | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.915          | 96   | 207994     | 47.75  | ug/L   | 92       |
| 22) 2-Butanone                | 3.982          | 43   | 222535     | 75.87  | ug/L   | 88       |
| 23) Bromochloromethane        | 4.249          | 128  | 121331     | 51.75  | ug/L # | 79       |
| 25) Chloroform                | 4.378          | 83   | 403403     | 50.14  | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.134          | 62   | 327794     | 51.00  | ug/L   | 100      |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW040521\  
 Data File : VW020935.D  
 Acq On : 05 Apr 2021 23:18  
 Operator : SY/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD05074

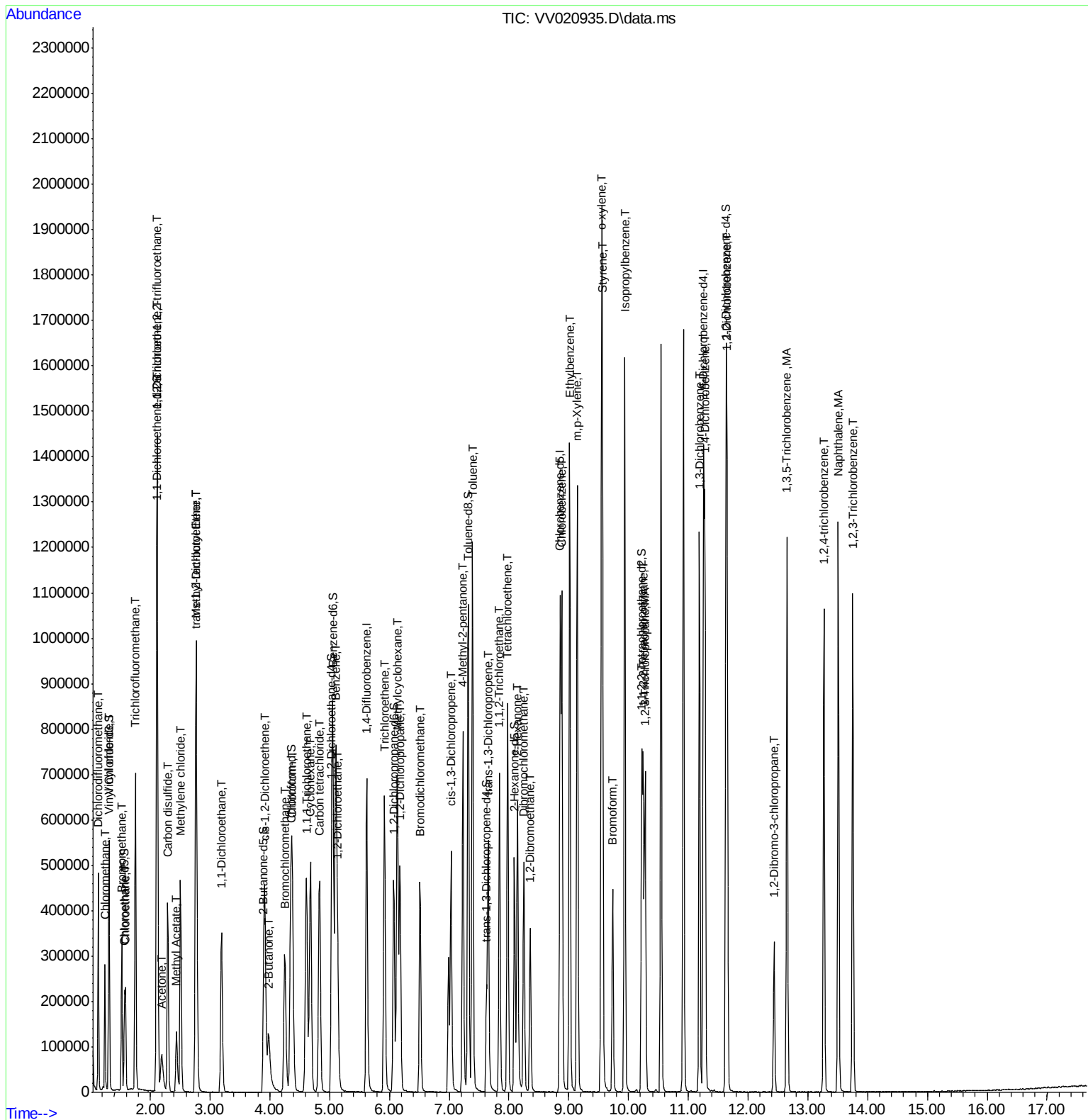
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 06 06:22:01 2021  
 Response via : Initial Calibration

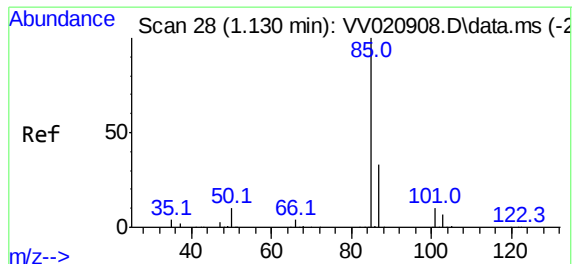
| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 29) Cyclohexane               | 4.680  | 56   | 265938   | 39.85 | ug/L   | 89       |
| 30) 1,1,1-Trichloroethane     | 4.613  | 97   | 401653   | 55.05 | ug/L   | 97       |
| 31) Carbon tetrachloride      | 4.831  | 117  | 357524   | 54.86 | ug/L   | 98       |
| 33) Benzene                   | 5.101  | 78   | 756560   | 46.49 | ug/L   | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 217320   | 48.72 | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.133  | 83   | 296462   | 43.31 | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 182808   | 42.84 | ug/L   | 97       |
| 38) Bromodichloromethane      | 6.513  | 83   | 302566   | 50.49 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.031  | 75   | 307408   | 46.66 | ug/L   | 96       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 468989   | 81.96 | ug/L # | 93       |
| 42) Toluene                   | 7.391  | 91   | 867183   | 49.03 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 314638   | 47.43 | ug/L   | 97       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 208538   | 49.67 | ug/L   | 97       |
| 46) Tetrachloroethene         | 7.979  | 164  | 193814   | 52.05 | ug/L   | 97       |
| 48) 2-Hexanone                | 8.143  | 43   | 373799   | 85.57 | ug/L # | 97       |
| 49) Dibromochloromethane      | 8.249  | 129  | 266119   | 54.42 | ug/L   | 99       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 225494   | 50.15 | ug/L # | 96       |
| 51) Chlorobenzene             | 8.886  | 112  | 580633   | 48.90 | ug/L   | 98       |
| 52) Ethylbenzene              | 9.018  | 91   | 982886   | 48.70 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.143  | 106  | 369205   | 49.18 | ug/L   | 100      |
| 54) o-xylene                  | 9.548  | 106  | 378696   | 52.34 | ug/L   | 95       |
| 55) Styrene                   | 9.564  | 104  | 649397   | 51.08 | ug/L   | 99       |
| 56) Isopropylbenzene          | 9.937  | 105  | 1022774  | 51.33 | ug/L   | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 314948   | 45.99 | ug/L   | 98       |
| 59) 1,2,3-Trichloropropane    | 10.278 | 75   | 276841   | 49.68 | ug/L   | 99       |
| 61) Bromoform                 | 9.735  | 173  | 208466   | 52.91 | ug/L   | 100      |
| 62) 1,3-Dichlorobenzene       | 11.188 | 146  | 507039   | 47.88 | ug/L   | 99       |
| 63) 1,4-Dichlorobenzene       | 11.278 | 146  | 506472   | 45.99 | ug/L   | 100      |
| 65) 1,2-Dichlorobenzene       | 11.648 | 146  | 518189   | 49.65 | ug/L   | 99       |
| 66) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 79847    | 45.25 | ug/L # | 83       |
| 67) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 396047   | 48.25 | ug/L   | 98       |
| 68) 1,2,4-trichlorobenzene    | 13.268 | 180  | 336681   | 48.37 | ug/L   | 100      |
| 69) Naphthalene               | 13.509 | 128  | 967368   | 48.56 | ug/L   | 100      |
| 70) 1,2,3-Trichlorobenzene    | 13.751 | 180  | 339963   | 48.78 | ug/L   | 98       |

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

**Instrument :**  
MSVOA\_V  
**ClientSampleId :**  
VSTD05074

Quant Time: Apr 06 06:29:17 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
Quant Title : VOC Analysis  
QLast Update : Tue Apr 06 06:22:01 2021  
Response via : Initial Calibration

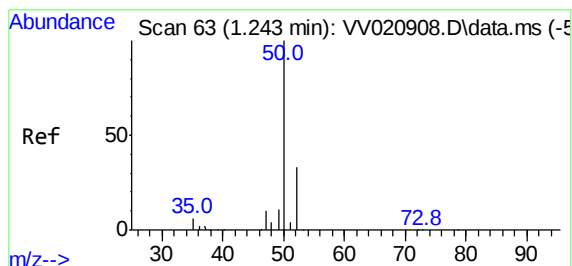
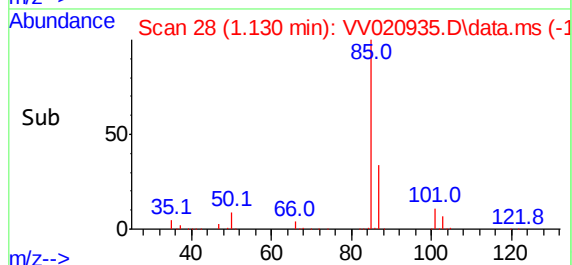
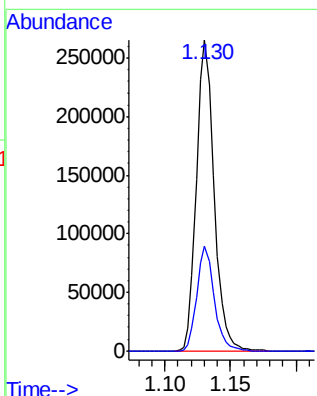
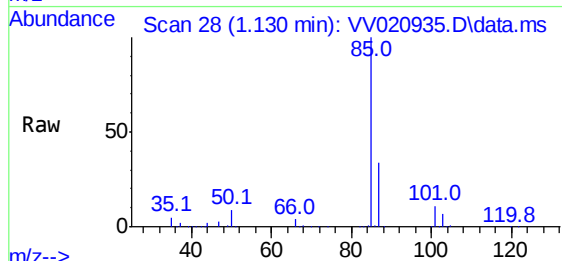




#2  
 Dichlorodifluoromethane  
 Concen: 43.25 ug/L  
 RT: 1.130 min Scan# 28  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

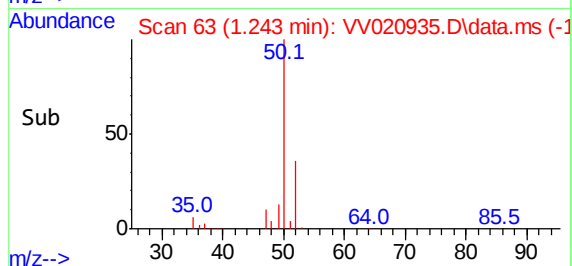
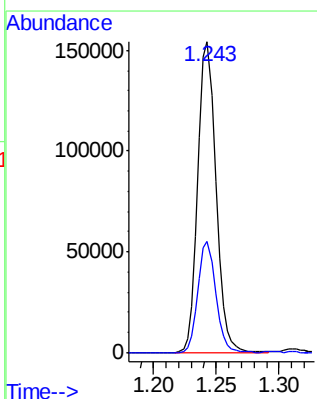
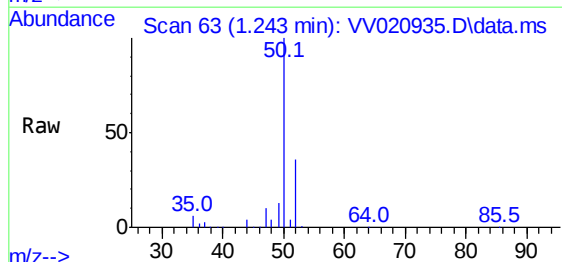
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD05074

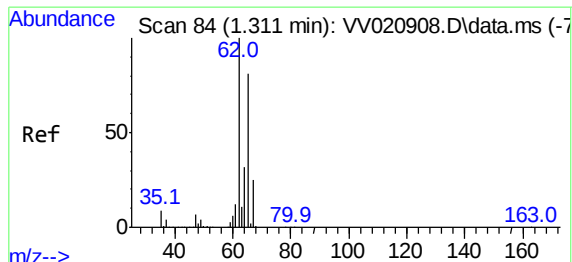
Tgt Ion: 85 Resp: 246516  
 Ion Ratio Lower Upper  
 85 100  
 87 33.0 26.3 39.5



#3  
 Chloromethane  
 Concen: 34.12 ug/L  
 RT: 1.243 min Scan# 63  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

Tgt Ion: 50 Resp: 155239  
 Ion Ratio Lower Upper  
 50 100  
 52 35.9 22.7 42.1

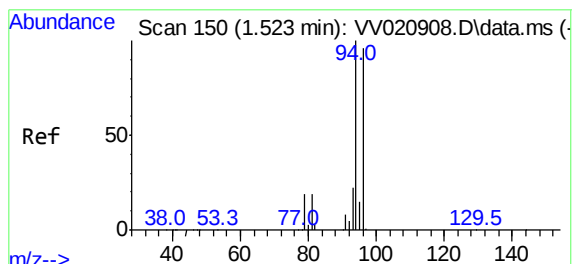
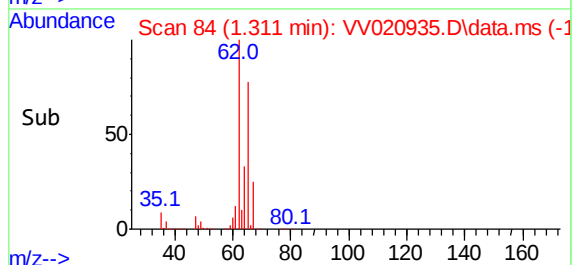
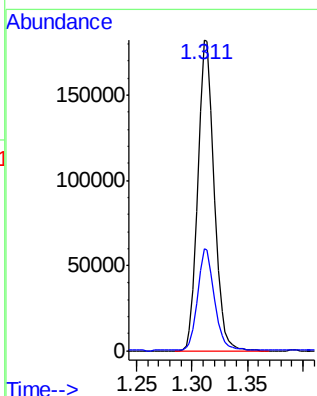
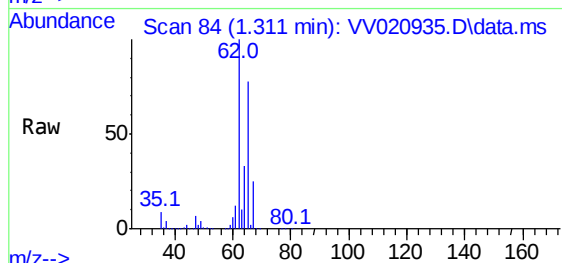




#5  
 Vinyl chloride  
 Concen: 40.02 ug/L  
 RT: 1.311 min Scan# 84  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

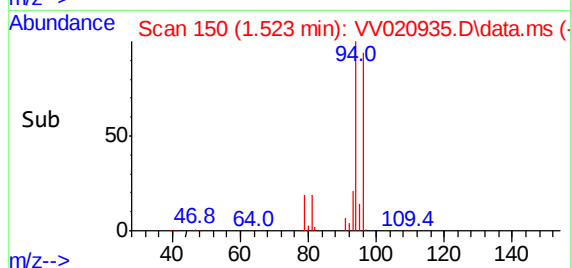
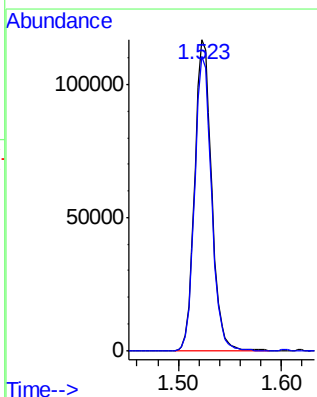
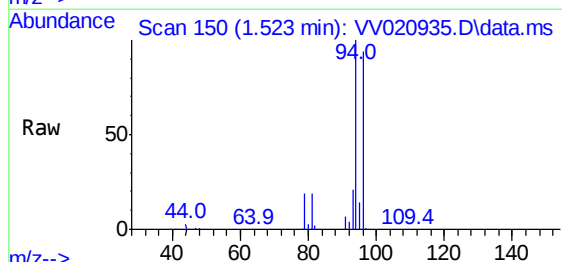
Instrument :  
 MSVOA\_V  
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 VSTD05074

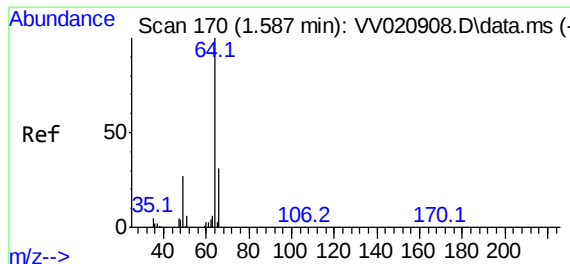
Tgt Ion: 62 Resp: 186020  
 Ion Ratio Lower Upper  
 62 100  
 64 33.0 23.3 43.3



#6  
 Bromomethane  
 Concen: 45.04 ug/L  
 RT: 1.523 min Scan# 150  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

Tgt Ion: 94 Resp: 131997  
 Ion Ratio Lower Upper  
 94 100  
 96 94.5 65.6 121.8

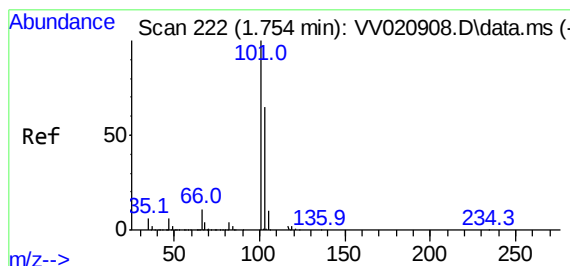
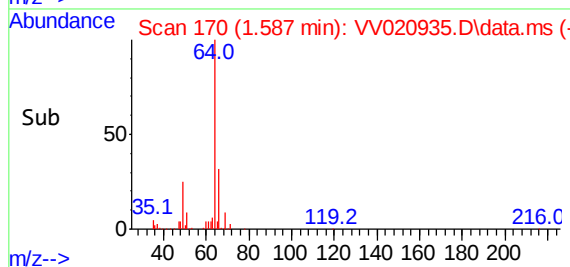
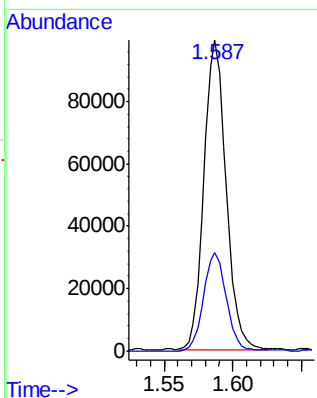
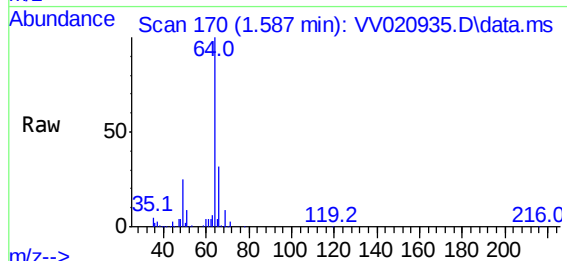




#8  
Chloroethane  
Concen: 41.18 ug/L  
RT: 1.587 min Scan# 170  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

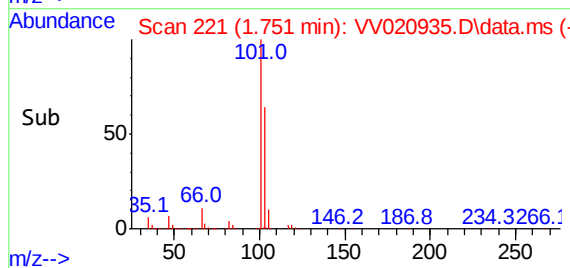
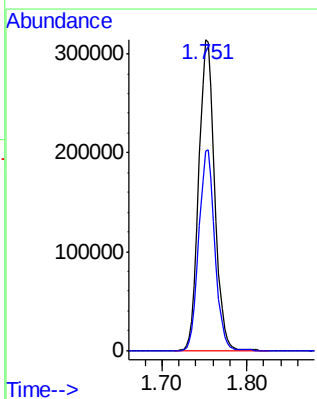
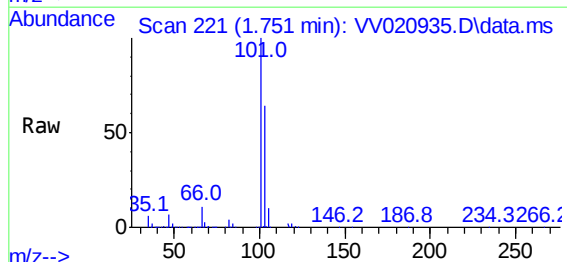
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MSVOA\_V  
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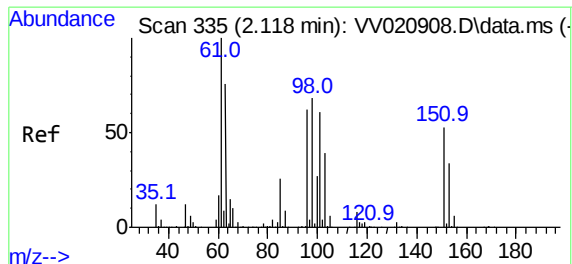
Tgt Ion: 64 Resp: 110565  
Ion Ratio Lower Upper  
64 100  
66 31.7 22.4 41.6



#9  
Trichlorofluoromethane  
Concen: 50.89 ug/L  
RT: 1.751 min Scan# 221  
Delta R.T. -0.003 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion:101 Resp: 404331  
Ion Ratio Lower Upper  
101 100  
103 65.2 51.2 76.8

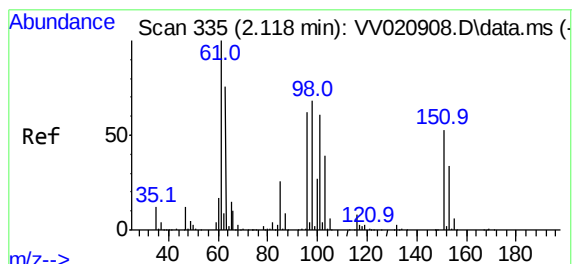
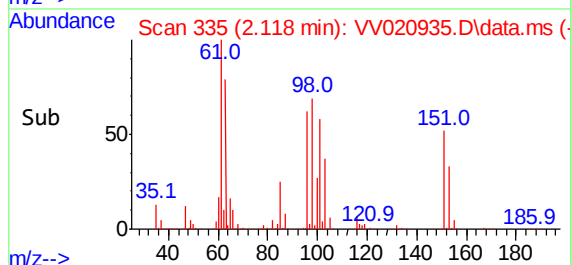
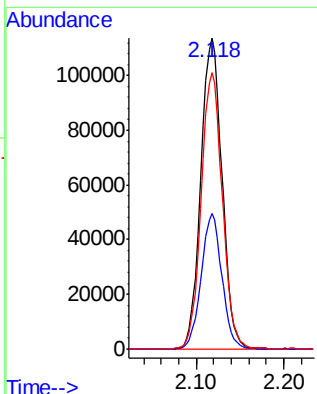
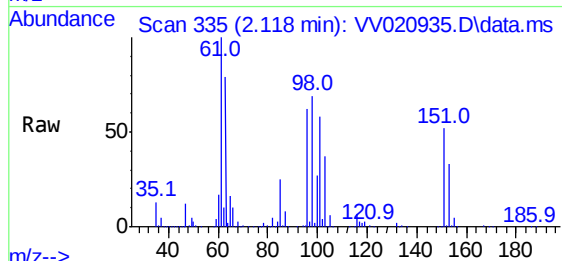




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 50.07 ug/L  
 RT: 2.118 min Scan# 335  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

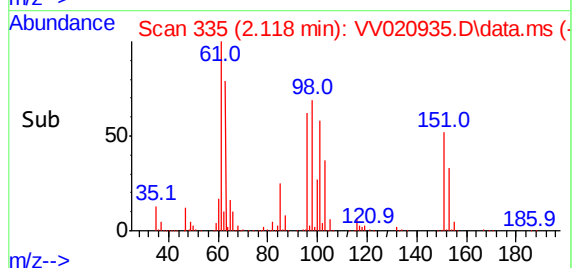
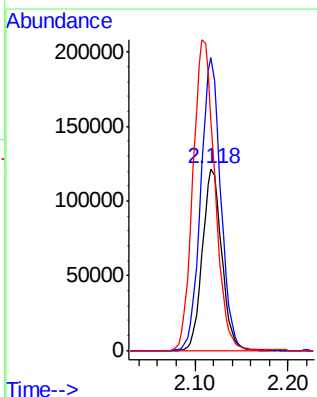
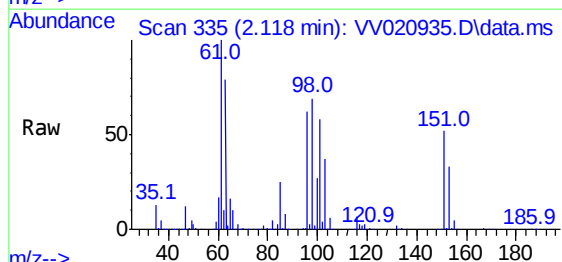
Instrument :  
 MSVOA\_V  
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 VSTD05074

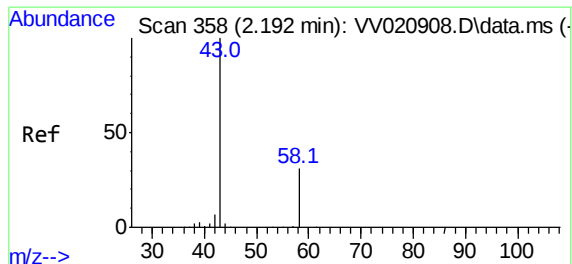
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 Ion Ratio Lower Upper  
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 151 88.8 63.5 95.3



#12  
 1,1-Dichloroethene  
 Concen: 49.32 ug/L  
 RT: 2.118 min Scan# 335  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

Tgt Ion: 96 Resp: 175106  
 Ion Ratio Lower Upper  
 96 100  
 61 160.8 126.3 234.6  
 63 126.8 100.2 186.2

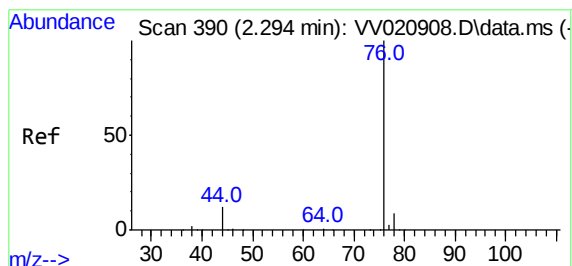
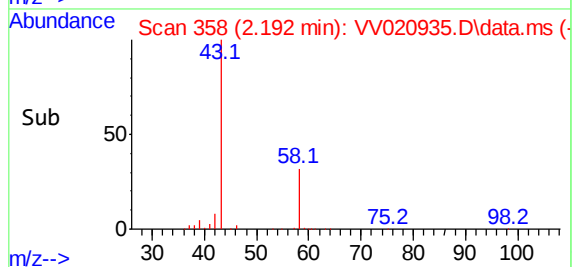
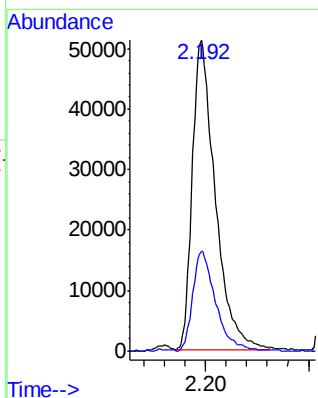
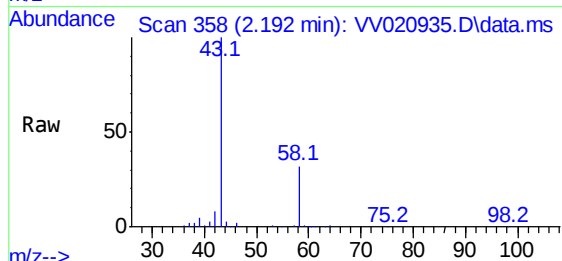




#13  
Acetone  
Concen: 79.13 ug/L  
RT: 2.192 min Scan# 358  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

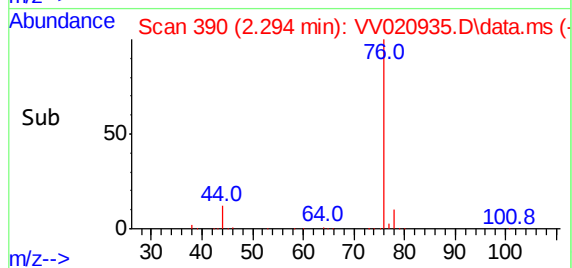
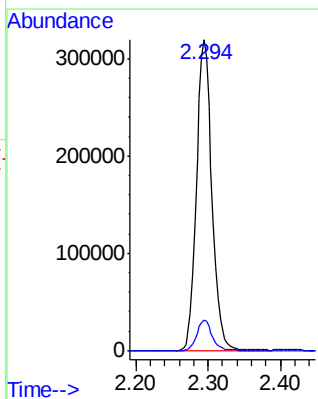
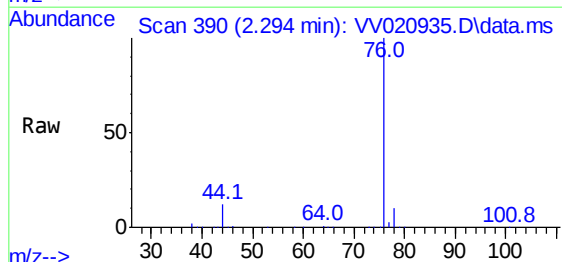
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

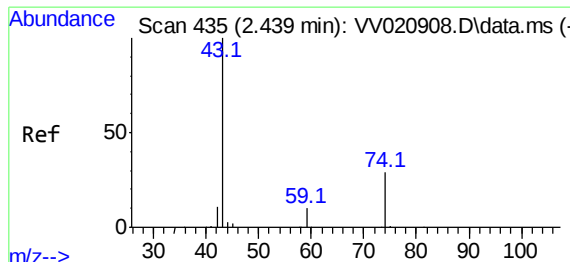
Tgt Ion: 43 Resp: 158556  
Ion Ratio Lower Upper  
43 100  
58 31.9 0.0 60.8



#14  
Carbon disulfide  
Concen: 40.40 ug/L  
RT: 2.294 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 76 Resp: 474286  
Ion Ratio Lower Upper  
76 100  
78 9.8 7.5 11.3

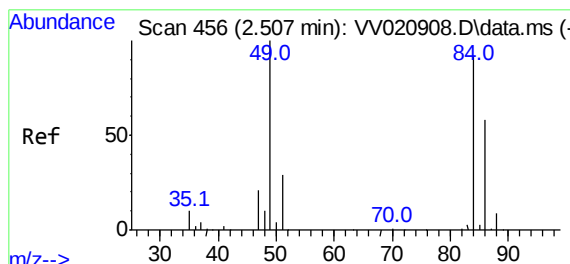
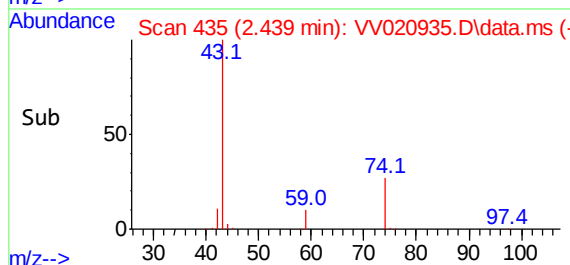
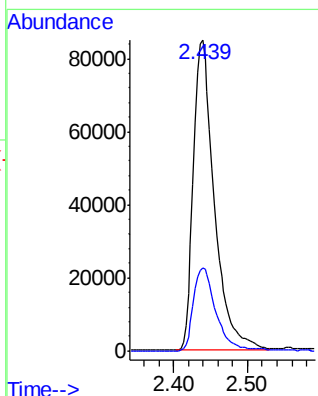
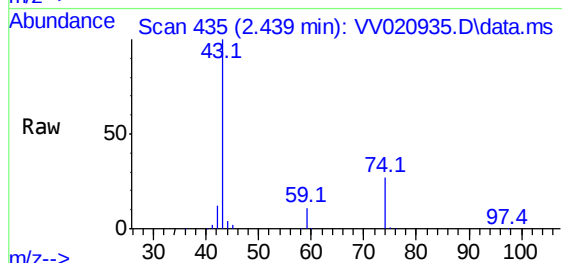




#15  
Methyl Acetate  
Concen: 40.24 ug/L  
RT: 2.439 min Scan# 435  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

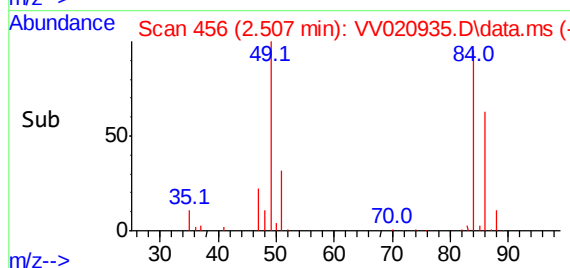
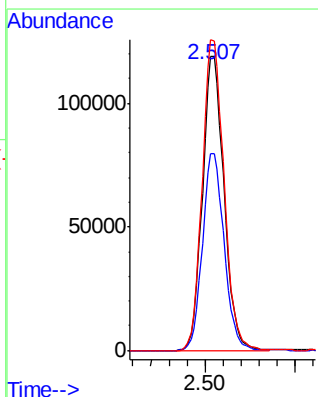
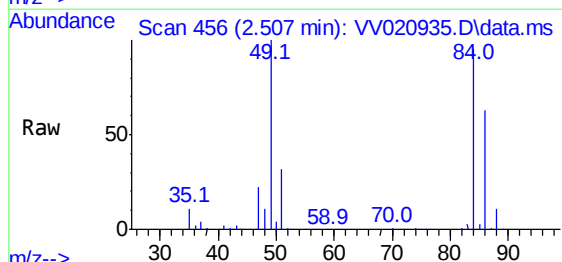
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

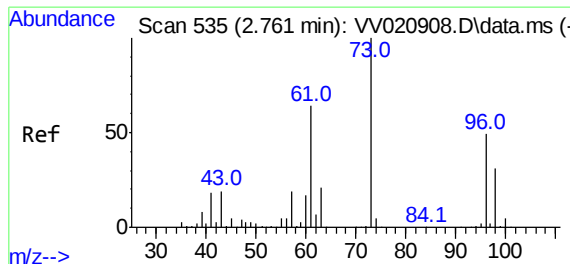
Tgt Ion: 43 Resp: 168351  
Ion Ratio Lower Upper  
43 100  
74 28.0 18.4 27.6#



#16  
Methylene chloride  
Concen: 45.26 ug/L  
RT: 2.507 min Scan# 456  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 84 Resp: 195965  
Ion Ratio Lower Upper  
84 100  
86 66.8 43.9 81.5  
49 105.6 86.3 160.3

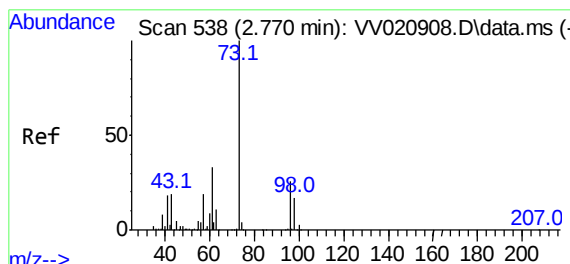
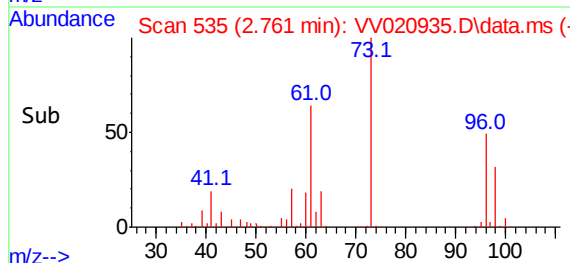
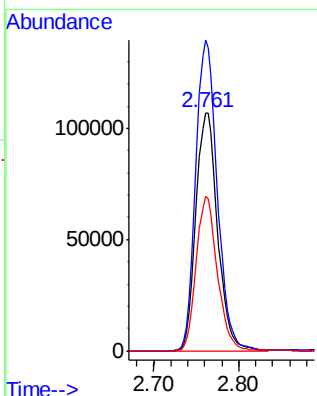
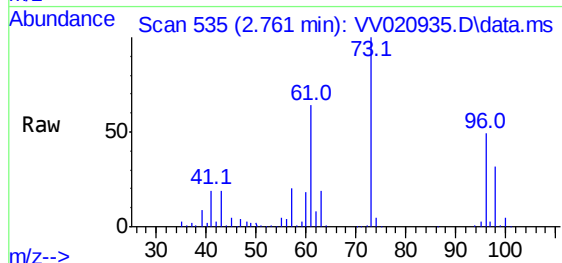




#17  
trans-1,2-Dichloroethene  
Concen: 46.63 ug/L  
RT: 2.761 min Scan# 535  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

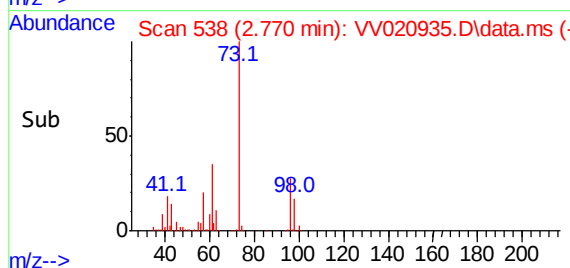
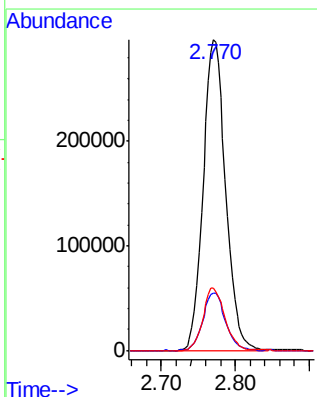
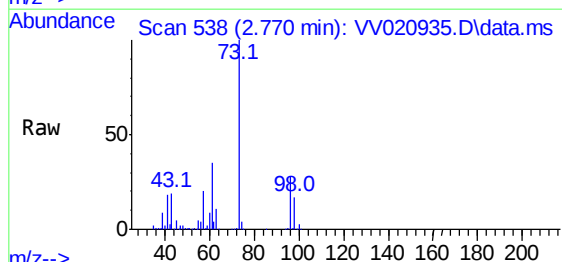
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

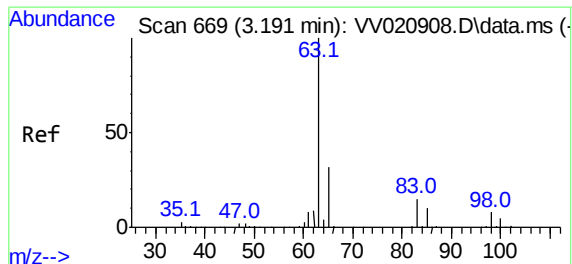
Tgt Ion: 96 Resp: 189856  
Ion Ratio Lower Upper  
96 100  
61 130.4 97.9 181.9  
98 64.7 43.9 81.5



#18  
Methyl tert-butyl Ether  
Concen: 49.40 ug/L  
RT: 2.770 min Scan# 538  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 73 Resp: 623619  
Ion Ratio Lower Upper  
73 100  
43 18.6 15.4 23.0  
57 19.5 17.0 25.6

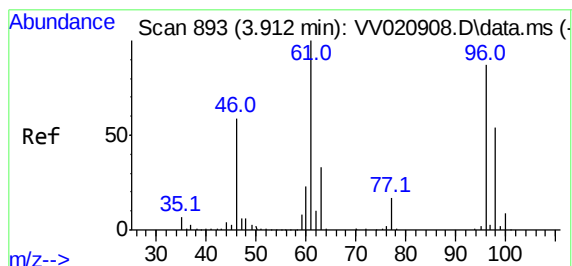
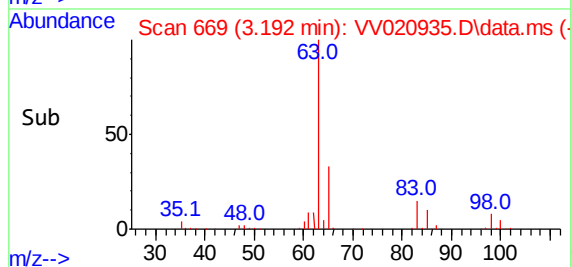
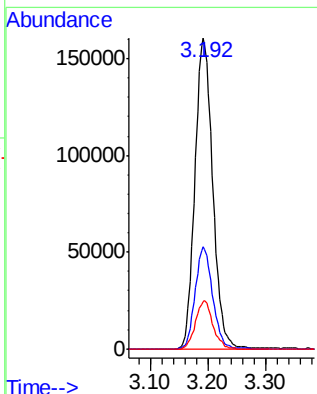
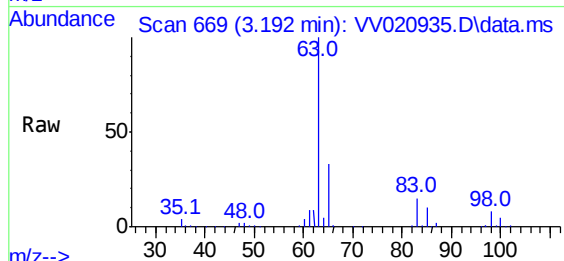




#19  
1,1-Dichloroethane  
Concen: 45.39 ug/L  
RT: 3.192 min Scan# 669  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

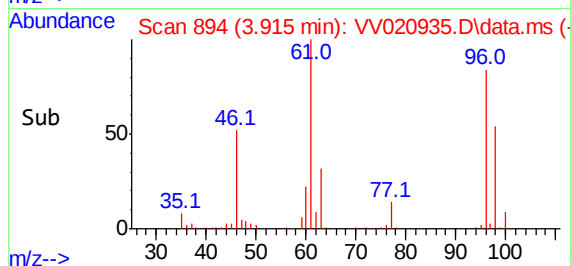
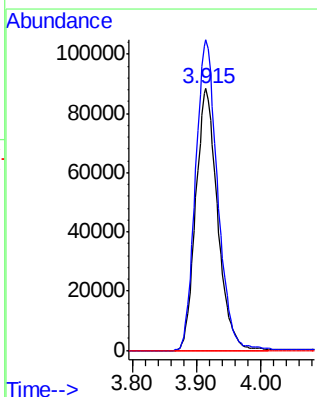
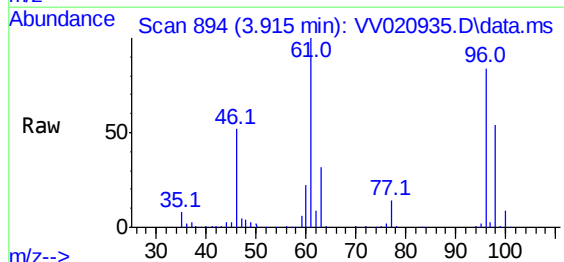
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

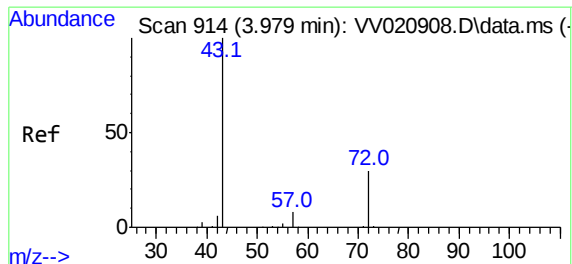
Tgt Ion: 63 Resp: 343313  
Ion Ratio Lower Upper  
63 100  
65 32.9 22.5 41.9  
83 15.1 9.7 17.9



#20  
cis-1,2-Dichloroethene  
Concen: 47.75 ug/L  
RT: 3.915 min Scan# 894  
Delta R.T. 0.003 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 96 Resp: 207994  
Ion Ratio Lower Upper  
96 100  
61 118.7 89.9 167.0  
68 0.0 0.0 0.0

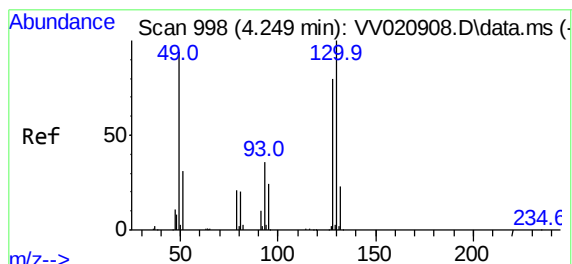
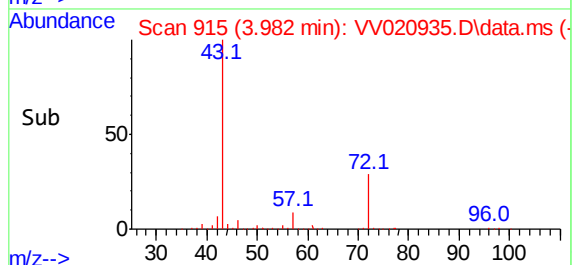
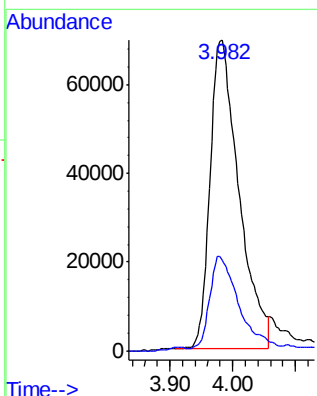
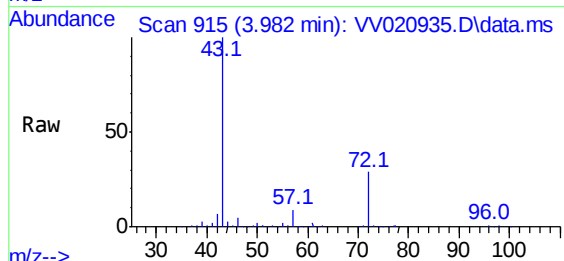




#22  
2-Butanone  
Concen: 75.87 ug/L  
RT: 3.982 min Scan# 915  
Delta R.T. 0.003 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

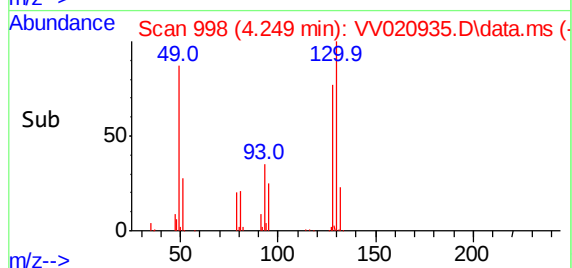
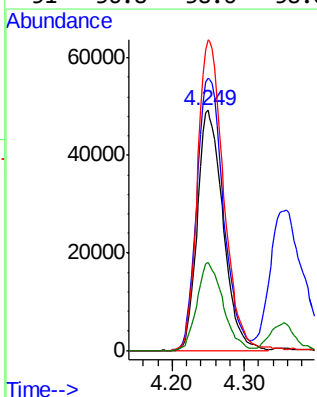
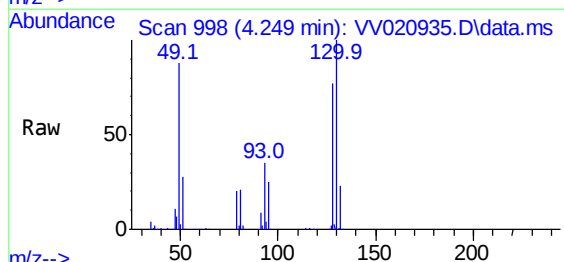
Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD05074

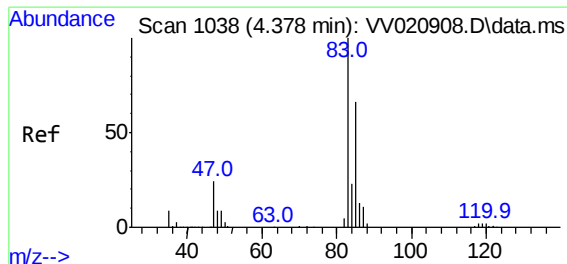
Tgt Ion: 43 Resp: 222535  
Ion Ratio Lower Upper  
43 100  
72 29.9 11.9 35.9



#23  
Bromochloromethane  
Concen: 51.75 ug/L  
RT: 4.249 min Scan# 998  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 128 Resp: 121331  
Ion Ratio Lower Upper  
128 100  
49 113.1 113.3 210.3#  
130 129.3 88.7 164.7  
51 36.8 38.6 58.0#

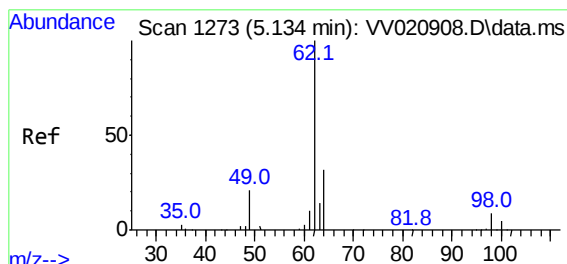
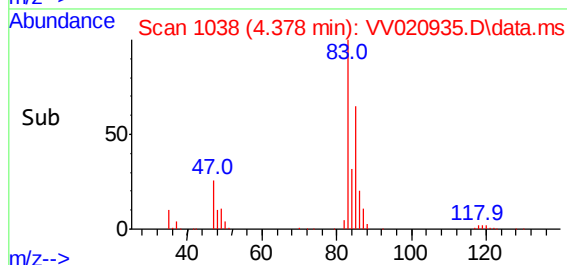
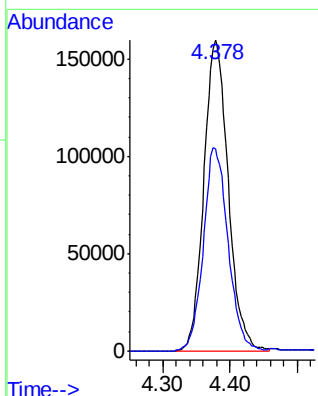
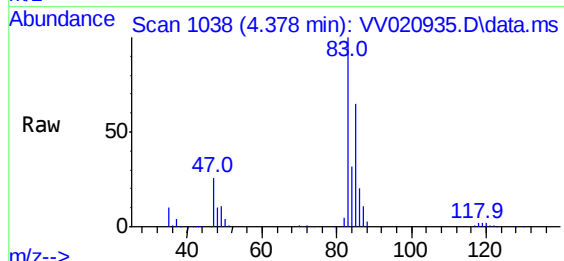




#25  
Chloroform  
Concen: 50.14 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

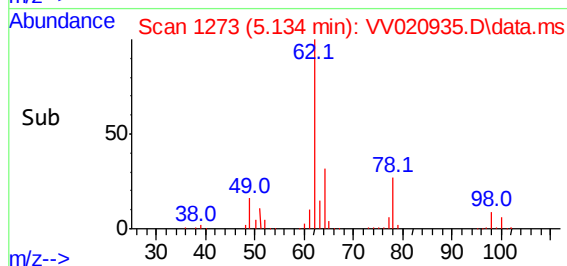
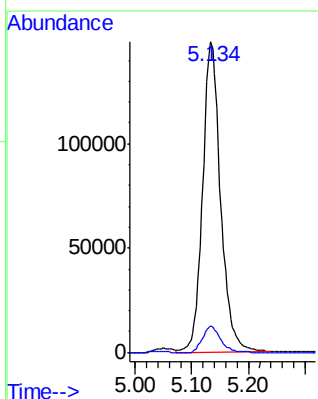
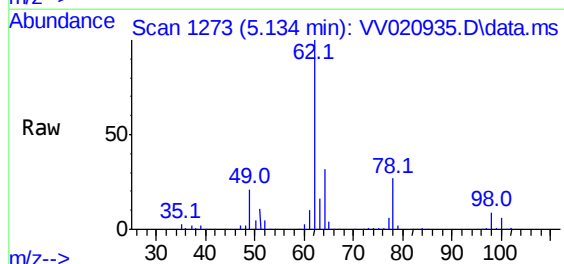
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

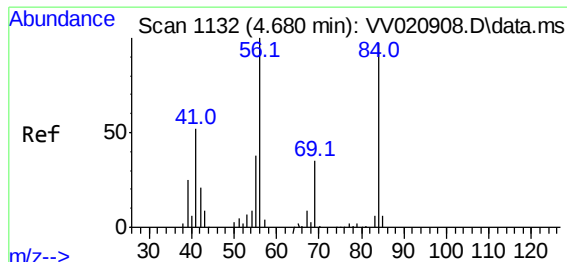
Tgt Ion: 83 Resp: 403403  
Ion Ratio Lower Upper  
83 100  
85 64.9 46.7 86.7



#27  
1,2-Dichloroethane  
Concen: 51.00 ug/L  
RT: 5.134 min Scan# 1273  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 62 Resp: 327794  
Ion Ratio Lower Upper  
62 100  
98 8.5 6.8 10.2





#29

Cyclohexane

Concen: 39.85 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VV020935.D

Acq: 05 Apr 2021 23:18

Instrument :

MSVOA\_V

ClientSampleId :

VSTD05074

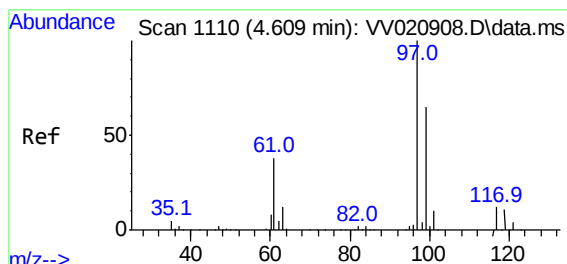
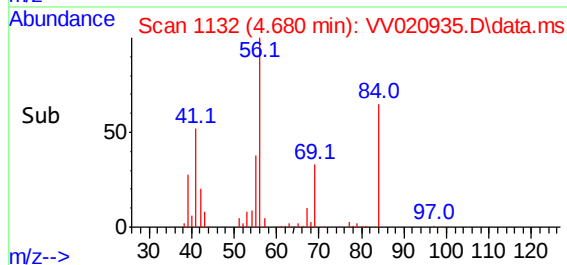
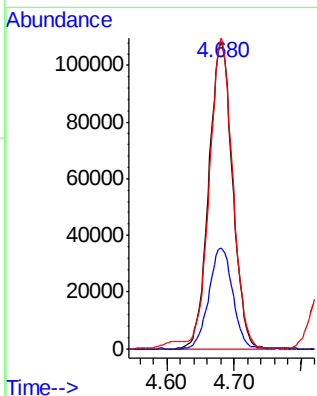
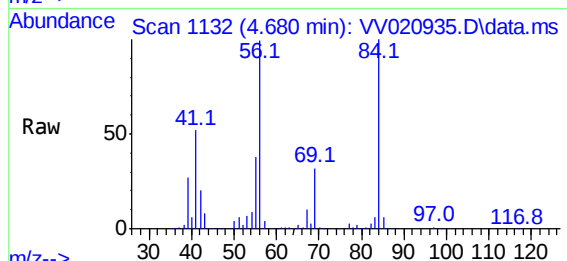
Tgt Ion: 56 Resp: 265938

Ion Ratio Lower Upper

56 100

69 33.1 24.4 36.6

84 99.7 69.9 104.9



#30

1,1,1-Trichloroethane

Concen: 55.05 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV020935.D

Acq: 05 Apr 2021 23:18

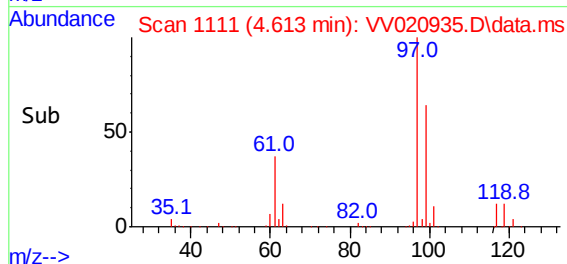
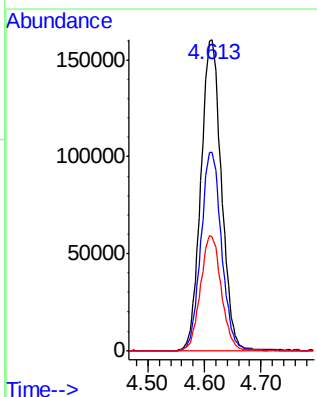
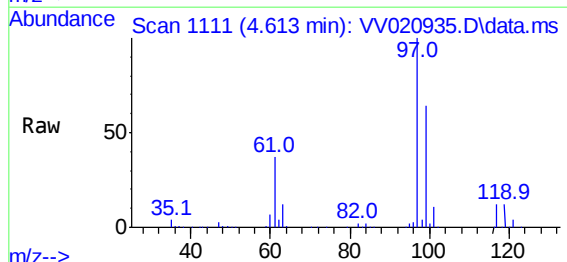
Tgt Ion: 97 Resp: 401653

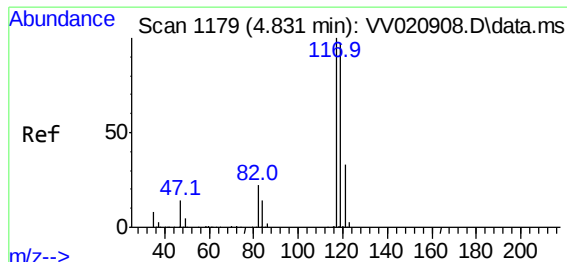
Ion Ratio Lower Upper

97 100

99 64.1 51.4 77.2

61 37.2 33.9 50.9

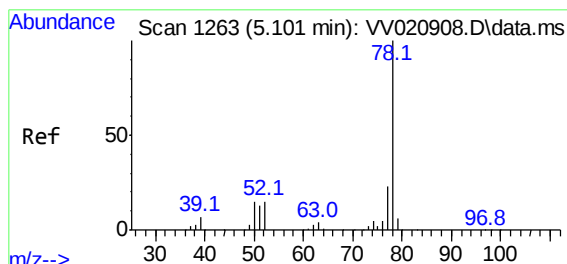
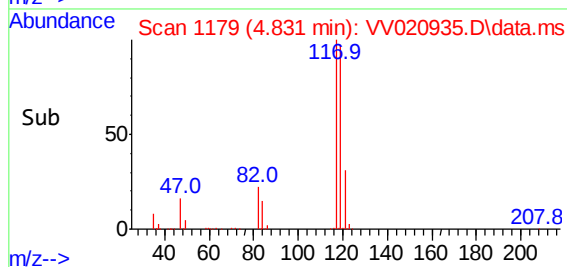
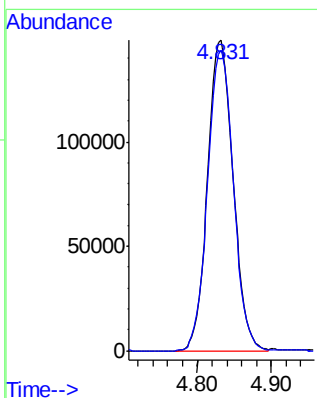
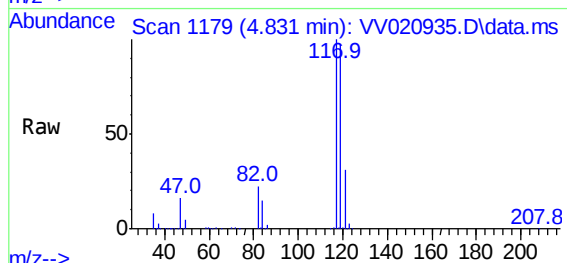




#31  
Carbon tetrachloride  
Concen: 54.86 ug/L  
RT: 4.831 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

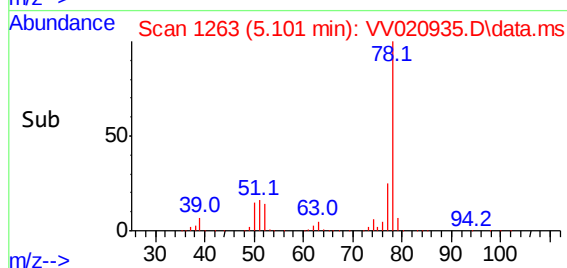
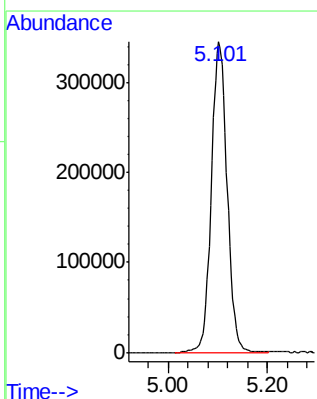
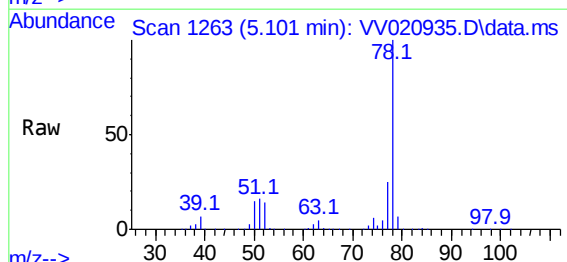
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

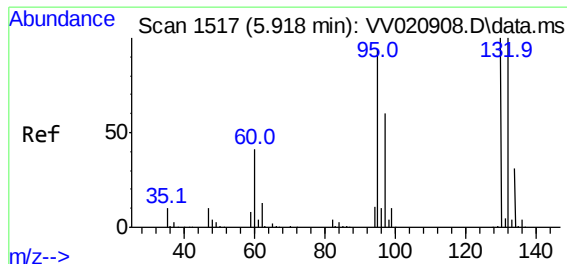
Tgt Ion:117 Resp: 357524  
Ion Ratio Lower Upper  
117 100  
119 97.7 76.9 115.3



#33  
Benzene  
Concen: 46.49 ug/L  
RT: 5.101 min Scan# 1263  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 78 Resp: 756560

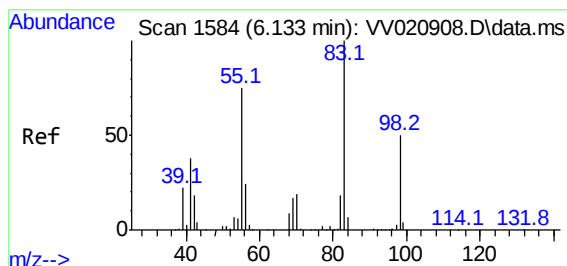
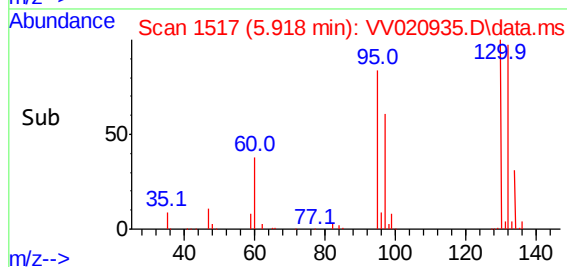
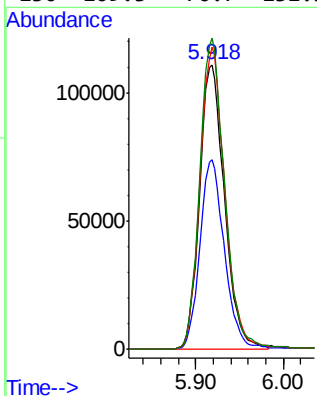
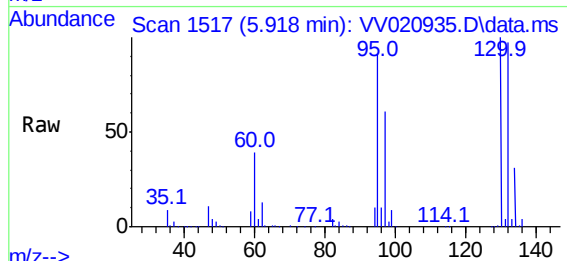




#34  
Trichloroethene  
Concen: 48.72 ug/L  
RT: 5.918 min Scan# 1517  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

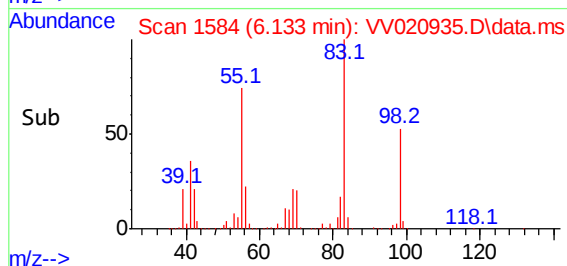
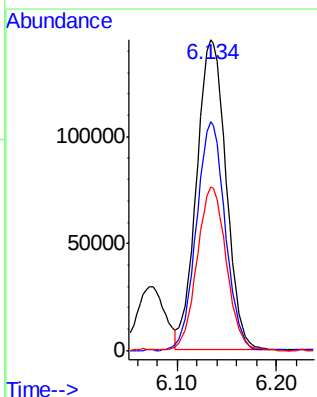
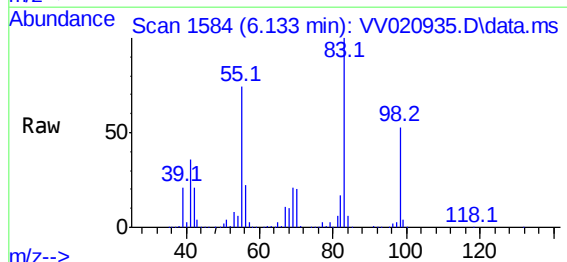
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

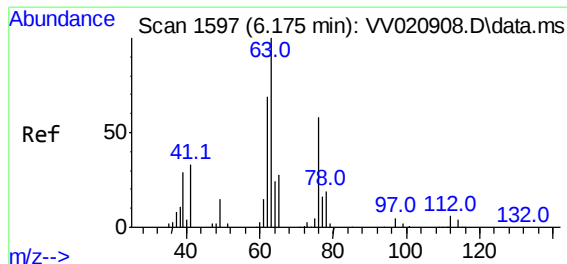
Tgt Ion: 95 Resp: 217320  
Ion Ratio Lower Upper  
95 100  
97 66.7 43.5 80.9  
132 106.2 69.5 129.1  
130 109.3 70.7 131.3



#35  
Methylcyclohexane  
Concen: 43.31 ug/L  
RT: 6.133 min Scan# 1584  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 83 Resp: 296462  
Ion Ratio Lower Upper  
83 100  
55 72.6 62.7 94.1  
98 52.6 38.9 58.3

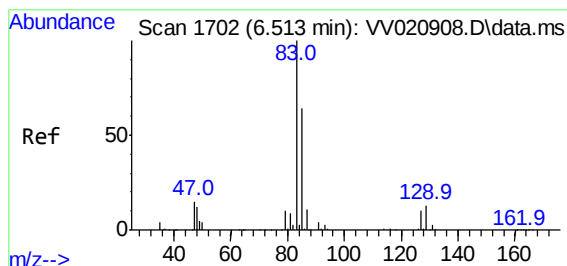
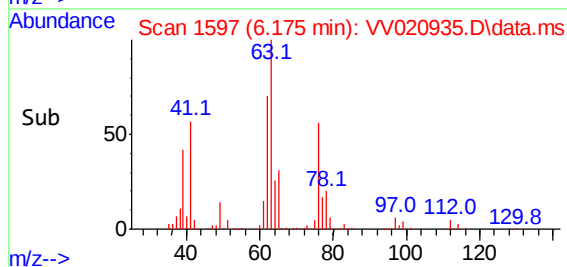
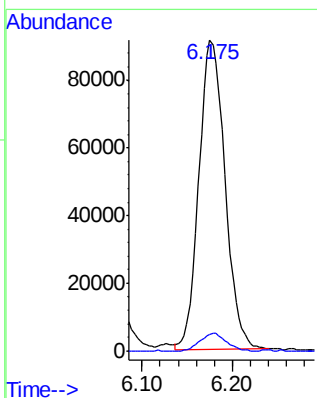
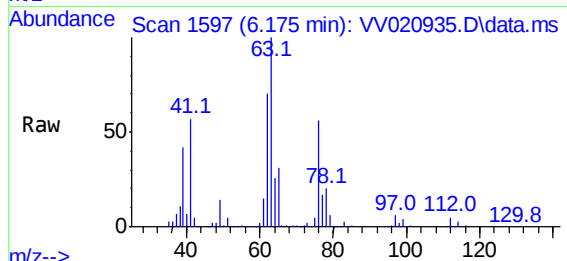




#37  
1,2-Dichloropropane  
Concen: 42.84 ug/L  
RT: 6.175 min Scan# 1597  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

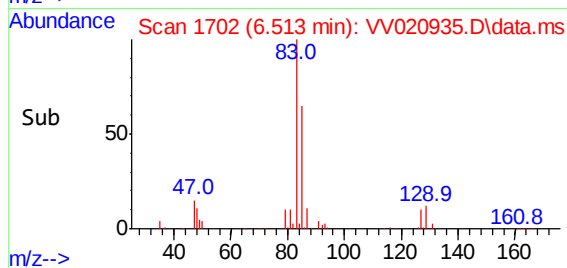
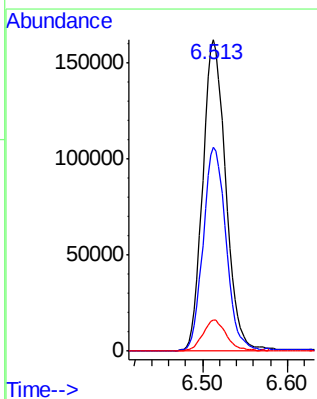
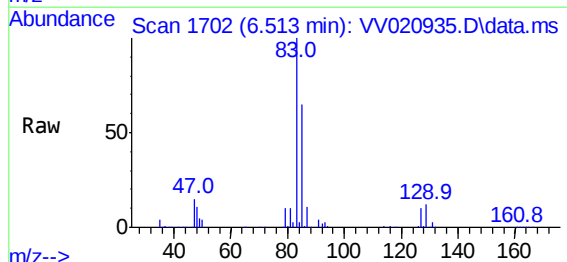
Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD05074

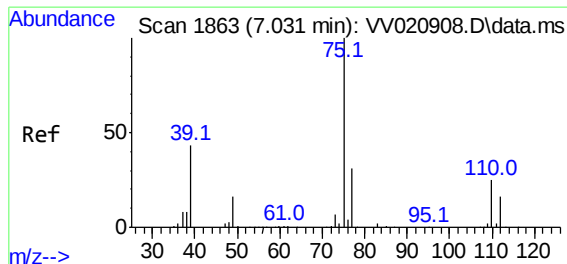
Tgt Ion: 63 Resp: 182808  
Ion Ratio Lower Upper  
63 100  
112 5.5 3.7 5.5



#38  
Bromodichloromethane  
Concen: 50.49 ug/L  
RT: 6.513 min Scan# 1702  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 83 Resp: 302566  
Ion Ratio Lower Upper  
83 100  
85 65.4 44.5 82.7  
127 9.8 6.8 10.2

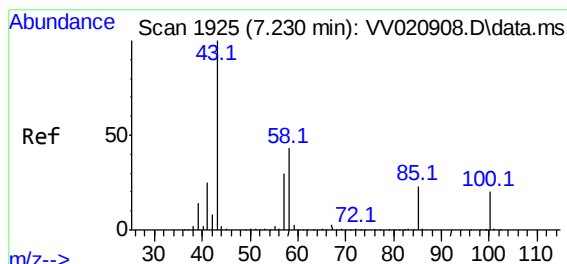
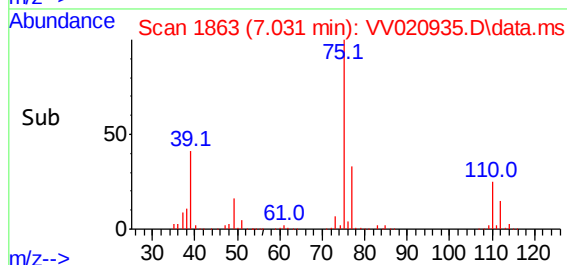
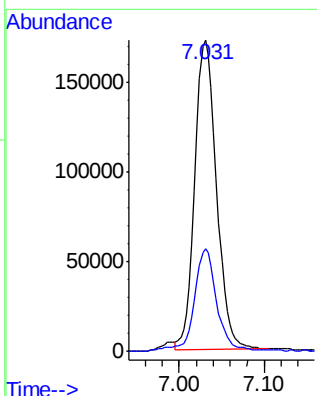
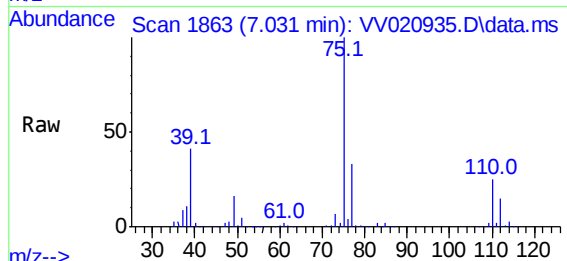




#39  
 cis-1,3-Dichloropropene  
 Concen: 46.66 ug/L  
 RT: 7.031 min Scan# 1863  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

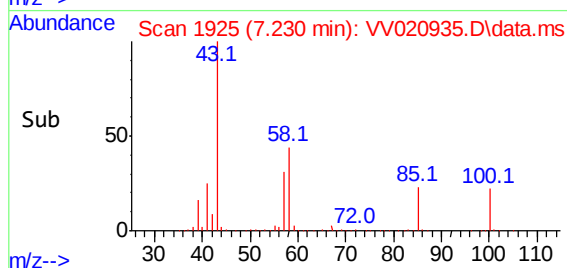
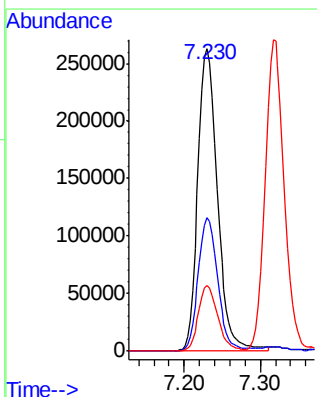
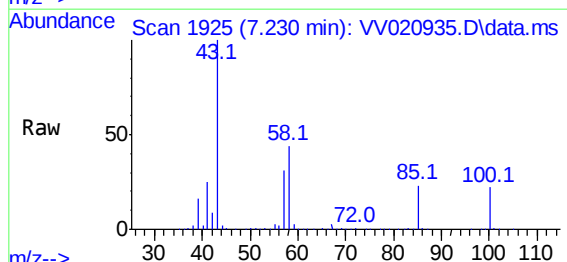
Instrument :  
 MSVOA\_V  
 ClientSampled :  
 VSTD05074

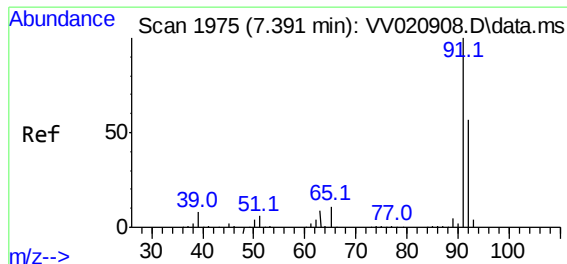
Tgt Ion: 75 Resp: 307408  
 Ion Ratio Lower Upper  
 75 100  
 77 33.0 21.7 40.3



#40  
 4-Methyl-2-pentanone  
 Concen: 81.96 ug/L  
 RT: 7.230 min Scan# 1925  
 Delta R.T. 0.000 min  
 Lab File: VV020935.D  
 Acq: 05 Apr 2021 23:18

Tgt Ion: 43 Resp: 468989  
 Ion Ratio Lower Upper  
 43 100  
 58 43.4 32.3 48.5  
 100 21.1 13.0 19.4#

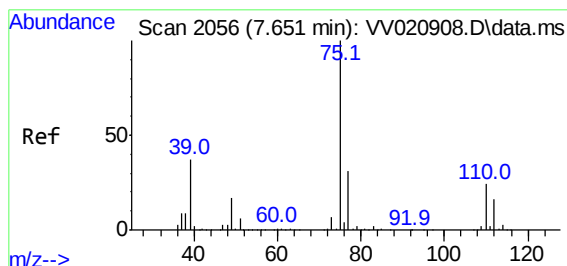
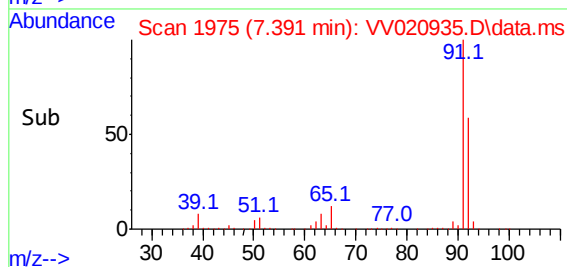
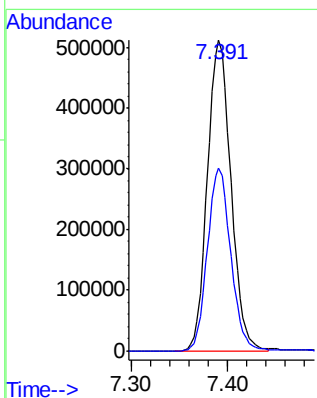
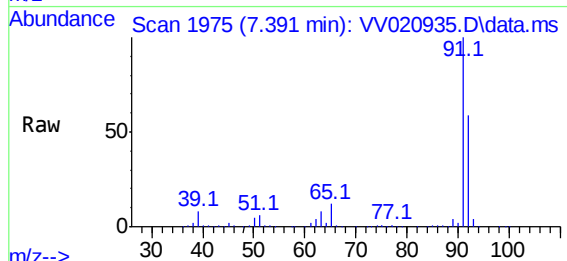




#42  
Toluene  
Concen: 49.03 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

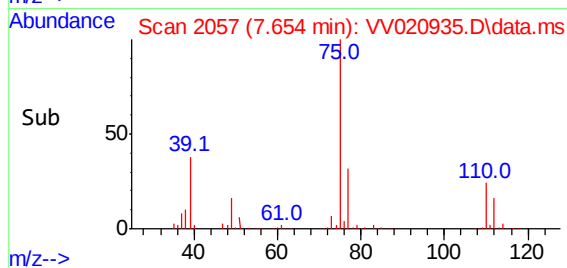
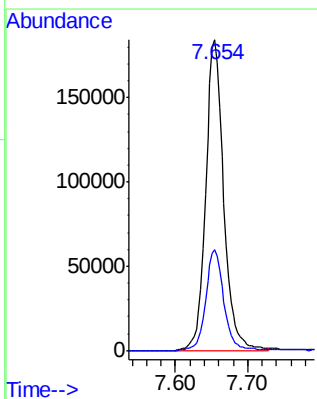
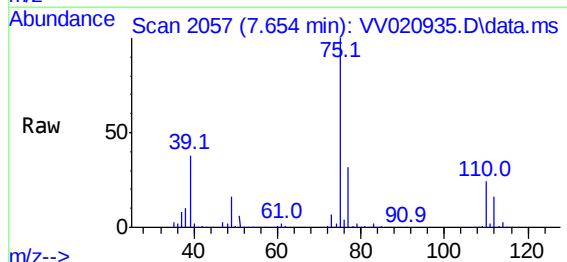
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

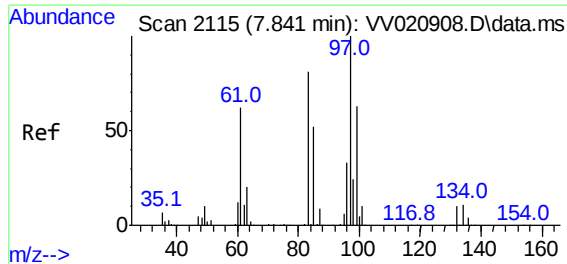
Tgt Ion: 91 Resp: 867183  
Ion Ratio Lower Upper  
91 100  
92 58.8 39.9 74.1



#44  
trans-1,3-Dichloropropene  
Concen: 47.43 ug/L  
RT: 7.654 min Scan# 2057  
Delta R.T. 0.003 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 75 Resp: 314638  
Ion Ratio Lower Upper  
75 100  
77 32.3 21.6 40.0



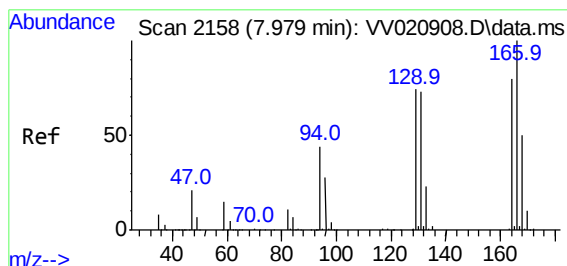
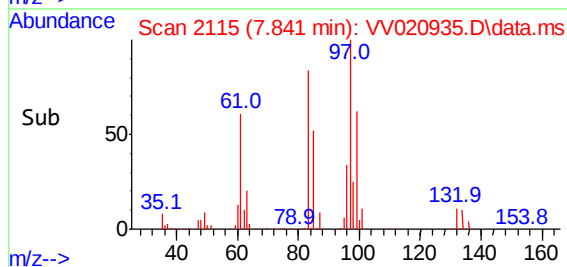
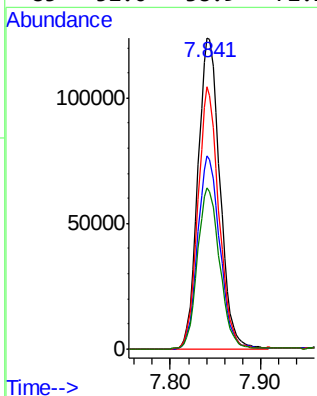
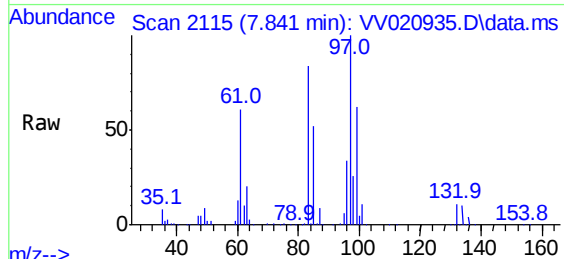


#45  
1,1,2-Trichloroethane  
Concen: 49.67 ug/L  
RT: 7.841 min Scan# 2115  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD05074

Tgt Ion: 97 Resp: 208538

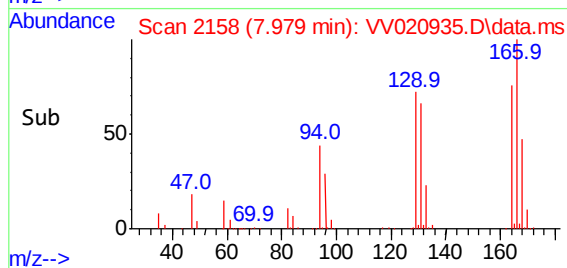
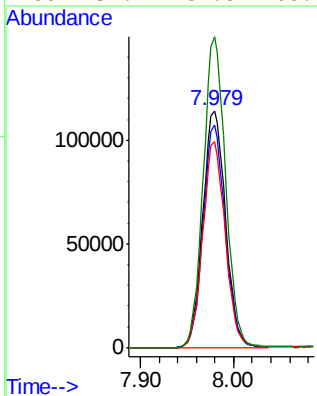
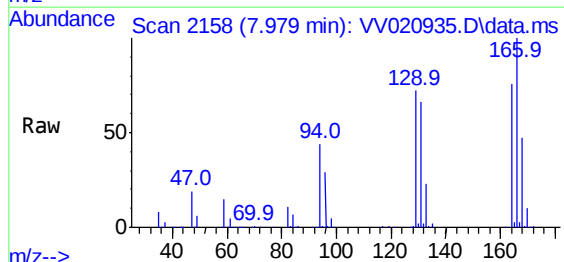
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 61.9  | 44.1  | 81.9  |
| 83  | 84.3  | 60.7  | 112.7 |
| 85  | 52.0  | 38.9  | 72.2  |

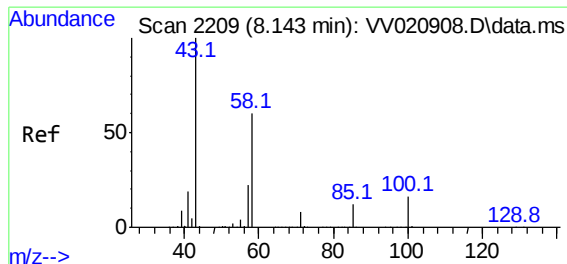


#46  
Tetrachloroethene  
Concen: 52.05 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 164 Resp: 193814

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.1  | 64.3  | 119.5 |
| 131 | 87.1  | 63.5  | 117.9 |
| 166 | 131.4 | 89.8  | 166.8 |

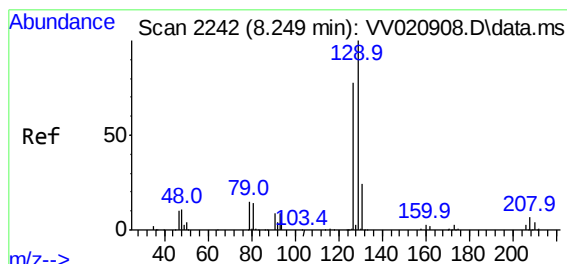
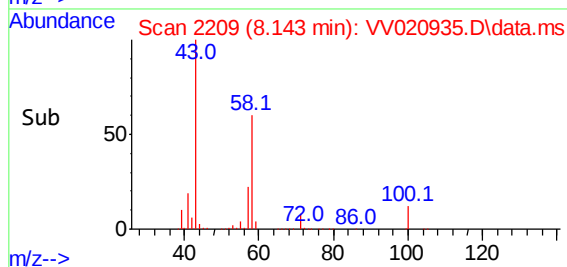
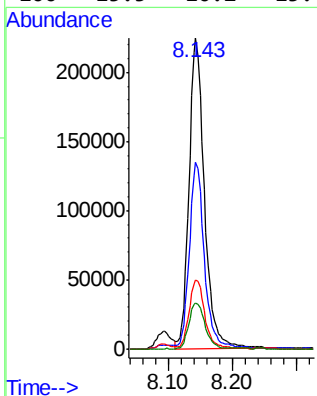
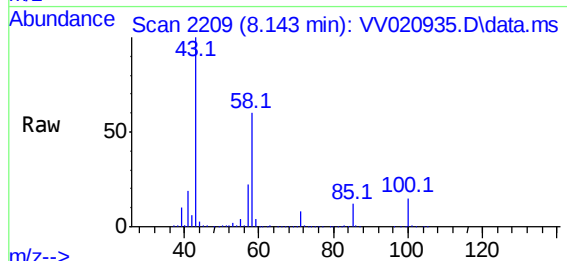




#48  
2-Hexanone  
Concen: 85.57 ug/L  
RT: 8.143 min Scan# 2209  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

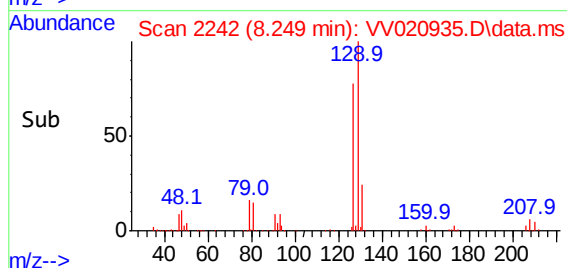
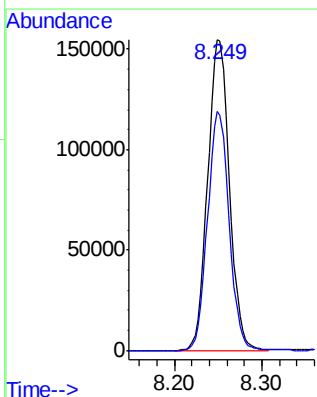
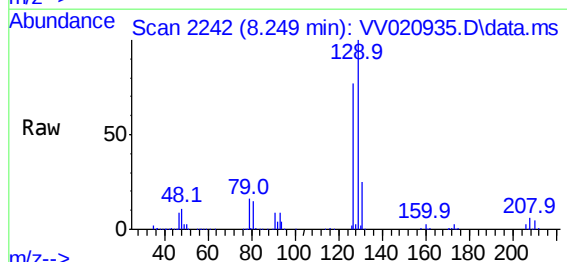
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

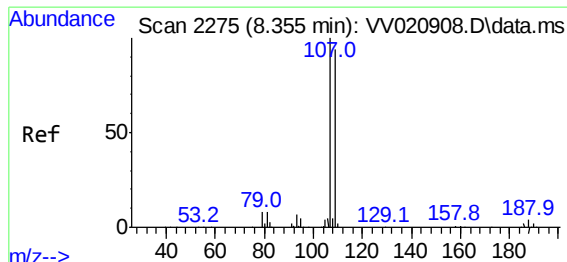
Tgt Ion: 43 Resp: 373799  
Ion Ratio Lower Upper  
43 100  
58 57.6 45.8 68.8  
57 22.9 15.4 23.2  
100 15.5 10.2 15.4#



#49  
Dibromochloromethane  
Concen: 54.42 ug/L  
RT: 8.249 min Scan# 2242  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 129 Resp: 266119  
Ion Ratio Lower Upper  
129 100  
127 76.8 54.6 101.4

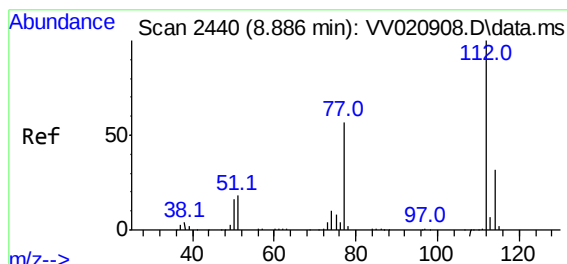
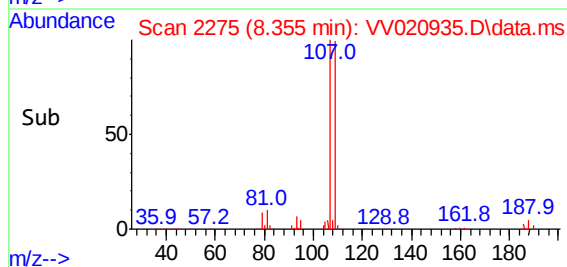
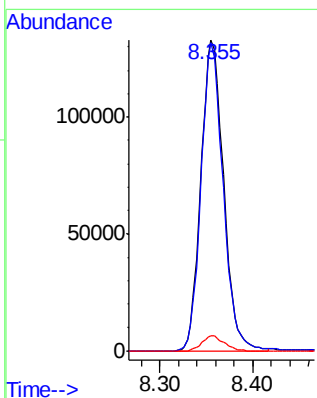
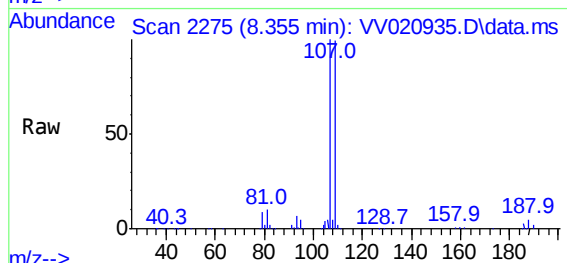




#50  
1,2-Dibromoethane  
Concen: 50.15 ug/L  
RT: 8.355 min Scan# 2275  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

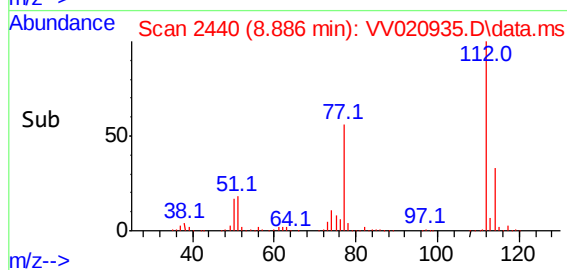
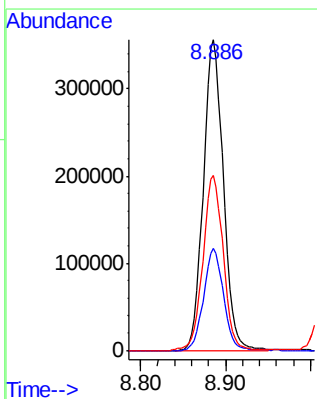
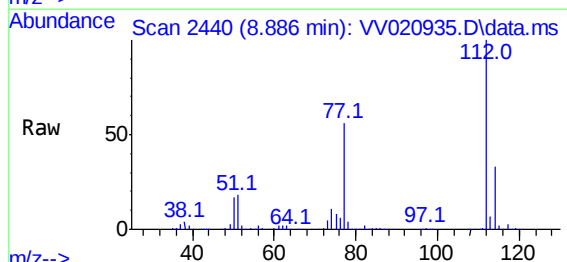
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MSVOA\_V  
ClientSampled :  
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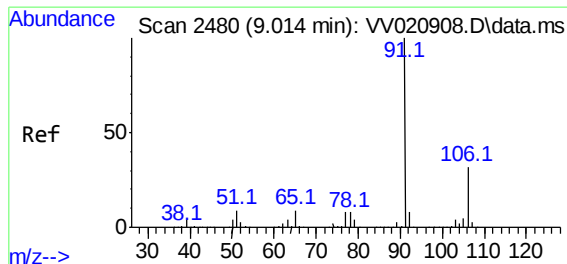
Tgt Ion:107 Resp: 225494  
Ion Ratio Lower Upper  
107 100  
109 99.4 66.7 123.9  
188 4.9 3.0 4.4#



#51  
Chlorobenzene  
Concen: 48.90 ug/L  
RT: 8.886 min Scan# 2440  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion:112 Resp: 580633  
Ion Ratio Lower Upper  
112 100  
114 32.9 22.4 41.6  
77 56.2 46.7 70.1

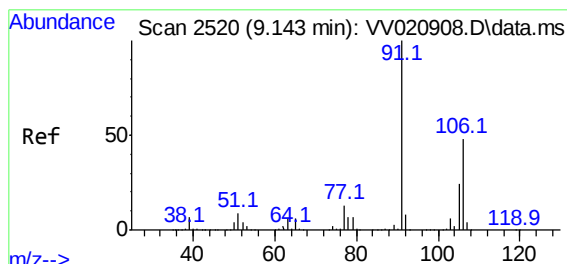
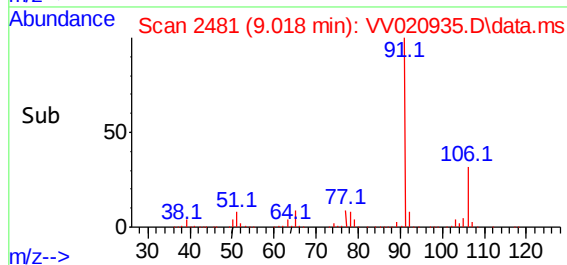
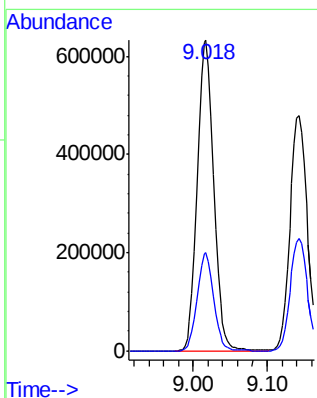
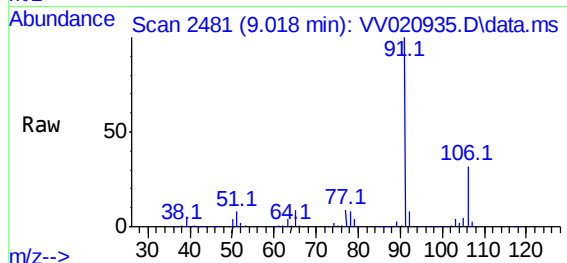




#52  
Ethylbenzene  
Concen: 48.70 ug/L  
RT: 9.018 min Scan# 2481  
Delta R.T. 0.003 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

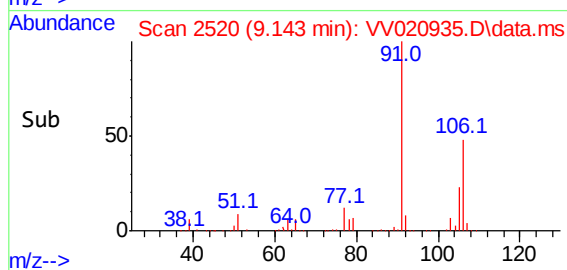
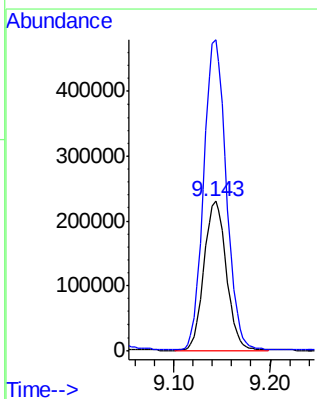
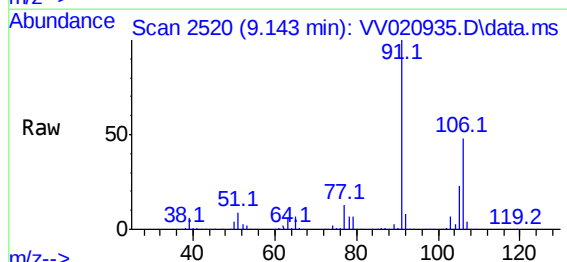
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ClientSampled :  
VSTD05074

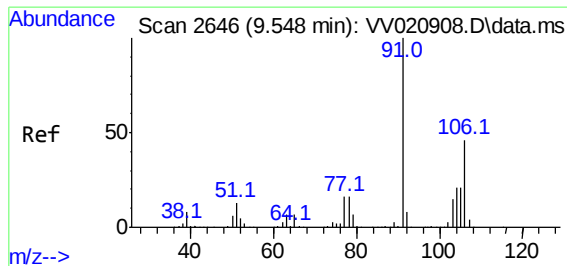
Tgt Ion: 91 Resp: 982886  
Ion Ratio Lower Upper  
91 100  
106 31.7 21.4 39.8



#53  
m,p-Xylene  
Concen: 49.18 ug/L  
RT: 9.143 min Scan# 2520  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 106 Resp: 369205  
Ion Ratio Lower Upper  
106 100  
91 208.7 145.7 270.7

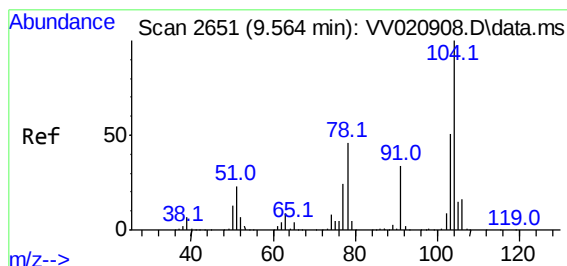
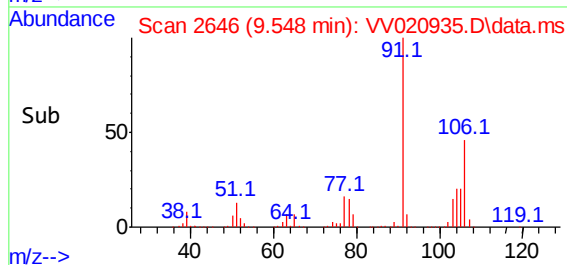
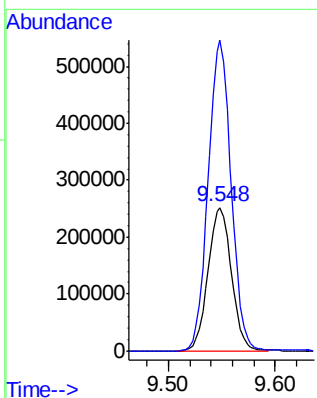
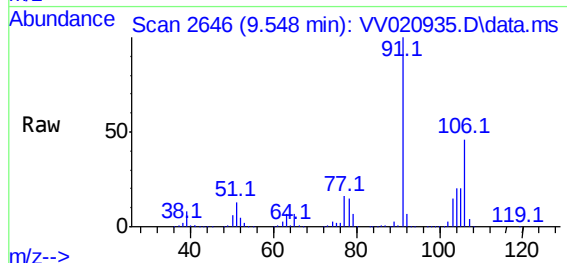




#54  
o-xylene  
Concen: 52.34 ug/L  
RT: 9.548 min Scan# 2646  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

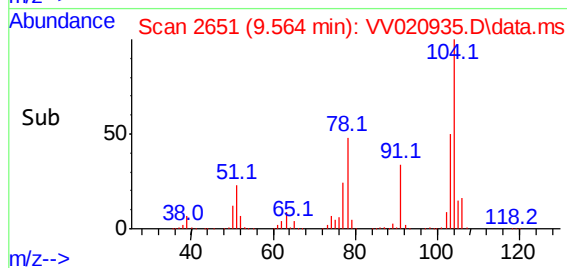
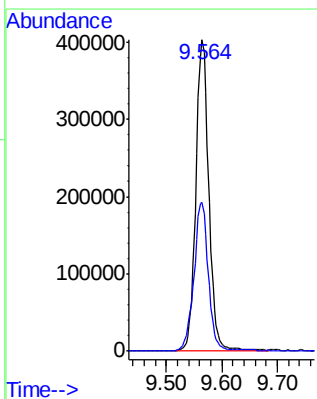
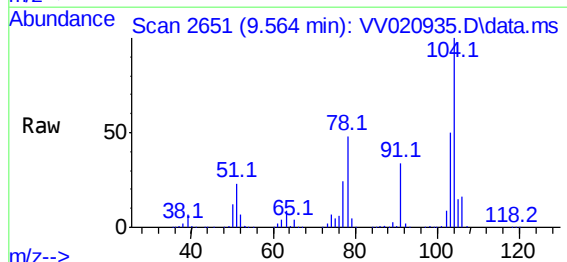
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

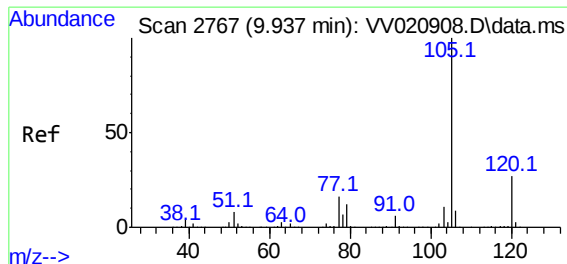
Tgt Ion:106 Resp: 378696  
Ion Ratio Lower Upper  
106 100  
91 217.2 157.8 293.1



#55  
Styrene  
Concen: 51.08 ug/L  
RT: 9.564 min Scan# 2651  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion:104 Resp: 649397  
Ion Ratio Lower Upper  
104 100  
78 47.6 33.6 62.4



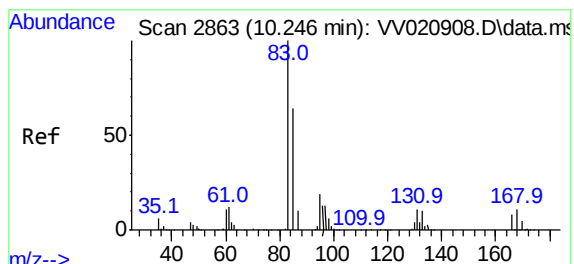
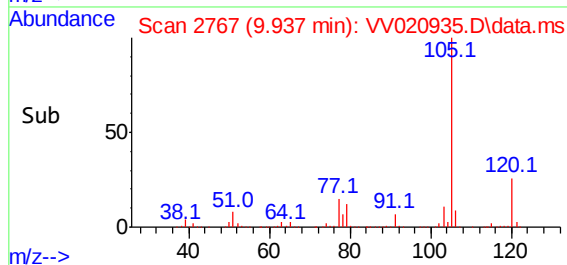
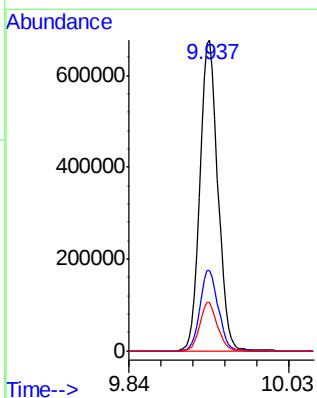
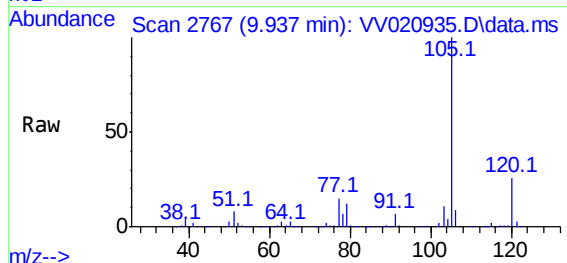


#56  
Isopropylbenzene  
Concen: 51.33 ug/L  
RT: 9.937 min Scan# 2767  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

Tgt Ion:105 Resp: 1022774

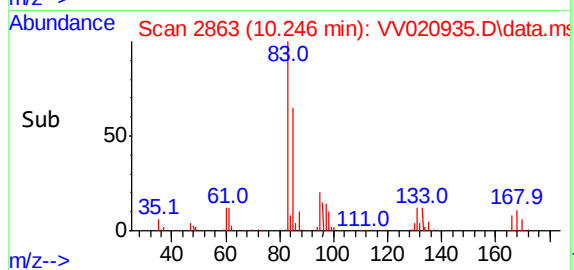
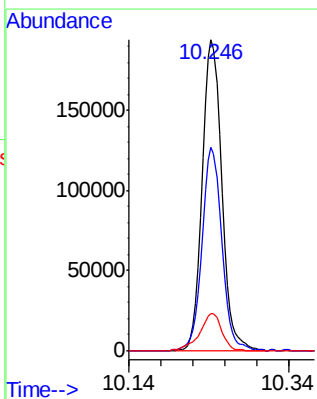
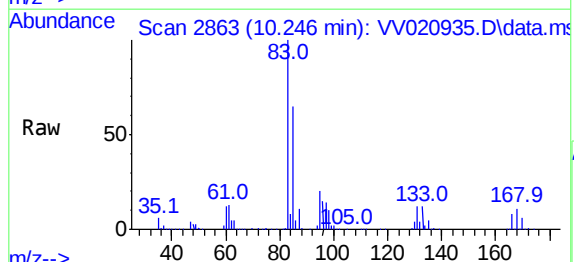
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 26.2  | 20.8  | 31.2  |
| 77  | 15.2  | 12.9  | 19.3  |

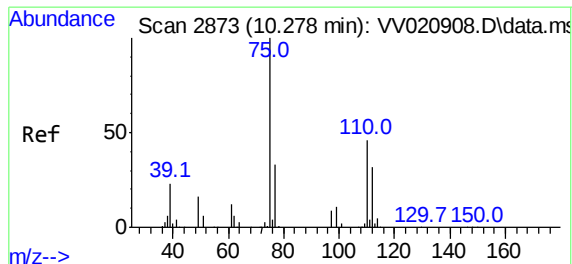


#58  
1,1,2,2-Tetrachloroethane  
Concen: 45.99 ug/L  
RT: 10.246 min Scan# 2863  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 83 Resp: 314948

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 65.5  | 44.7  | 83.1  |
| 131 | 11.8  | 8.6   | 12.8  |

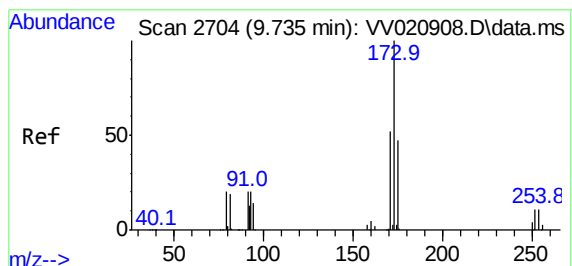
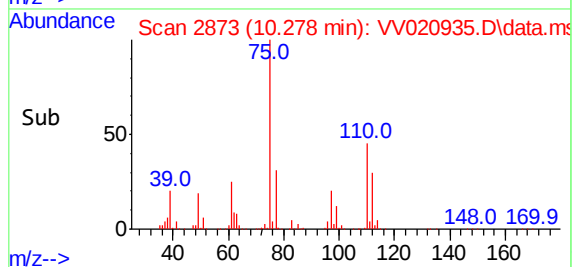
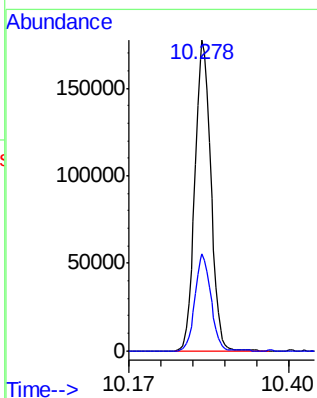
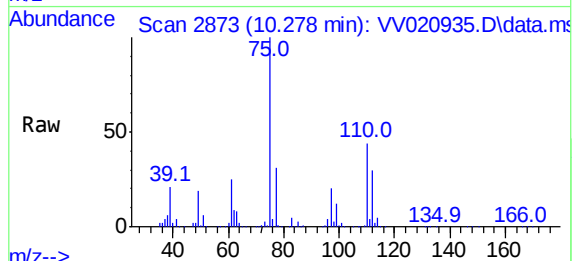




#59  
1,2,3-Trichloropropane  
Concen: 49.68 ug/L  
RT: 10.278 min Scan# 2873  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

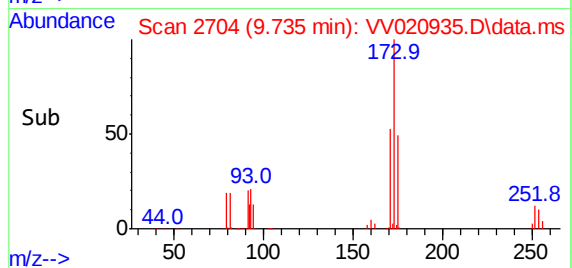
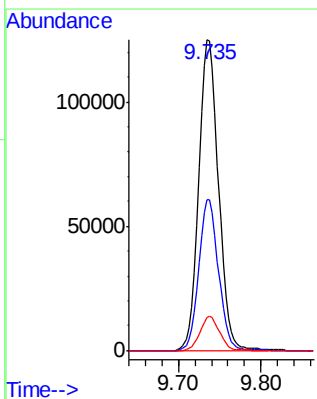
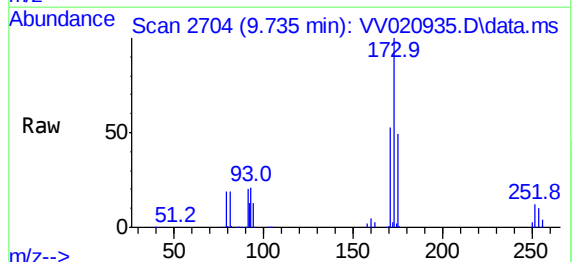
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

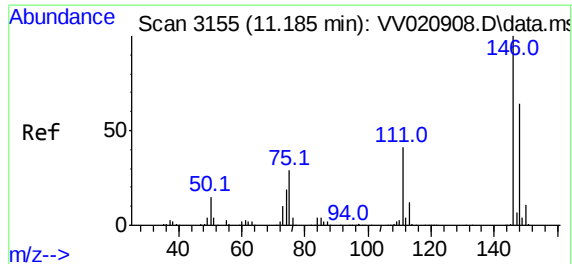
Tgt Ion: 75 Resp: 276841  
Ion Ratio Lower Upper  
75 100  
77 31.3 25.3 37.9



#61  
Bromoform  
Concen: 52.91 ug/L  
RT: 9.735 min Scan# 2704  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion: 173 Resp: 208466  
Ion Ratio Lower Upper  
173 100  
175 48.2 38.4 57.6  
254 10.7 8.5 12.7

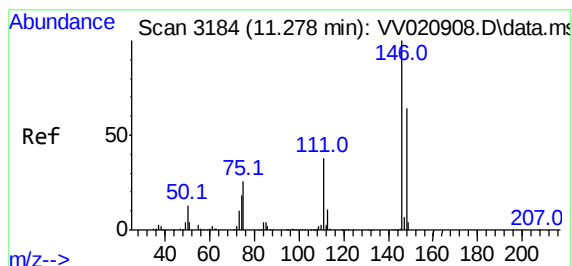
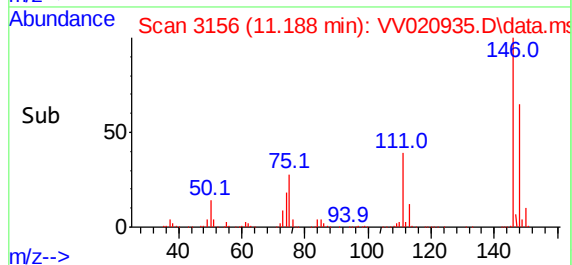
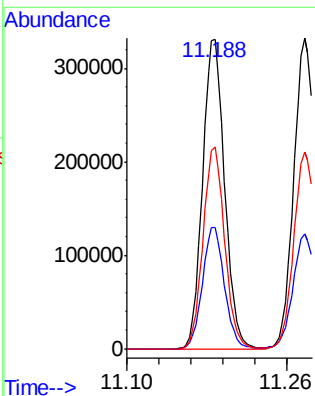
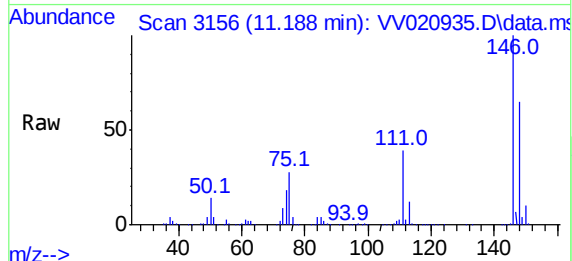




#62  
1,3-Dichlorobenzene  
Concen: 47.88 ug/L  
RT: 11.188 min Scan# 3156  
Delta R.T. 0.003 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

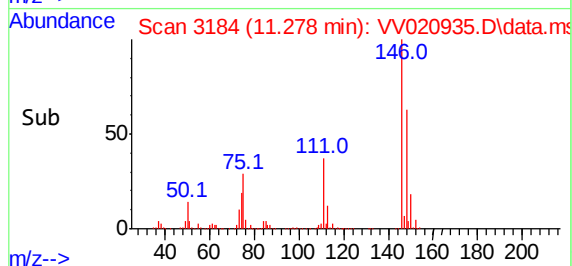
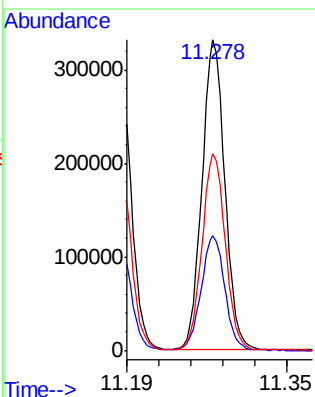
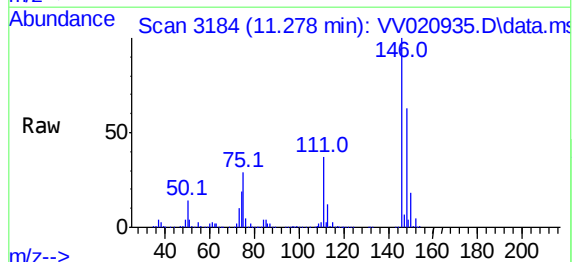
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

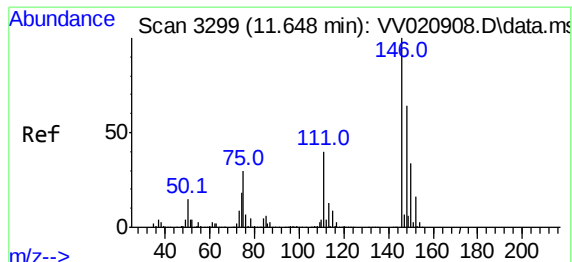
Tgt Ion:146 Resp: 507039  
Ion Ratio Lower Upper  
146 100  
111 39.1 27.4 51.0  
148 65.1 44.9 83.5



#63  
1,4-Dichlorobenzene  
Concen: 45.99 ug/L  
RT: 11.278 min Scan# 3184  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion:146 Resp: 506472  
Ion Ratio Lower Upper  
146 100  
111 36.9 26.0 48.4  
148 63.4 44.1 81.9

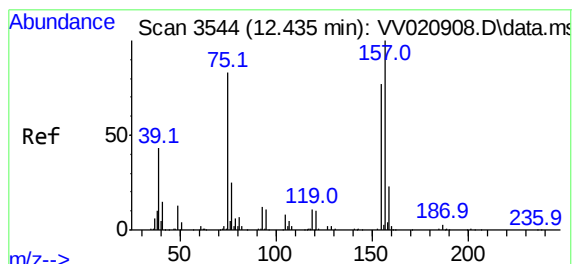
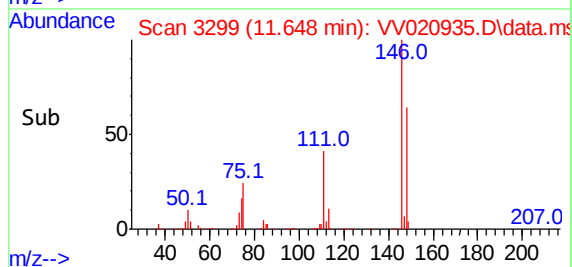
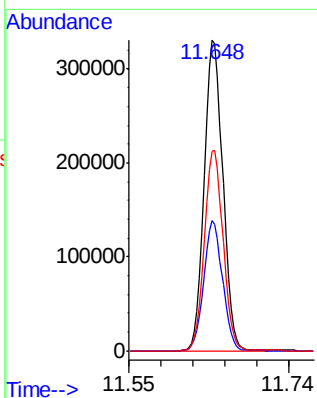
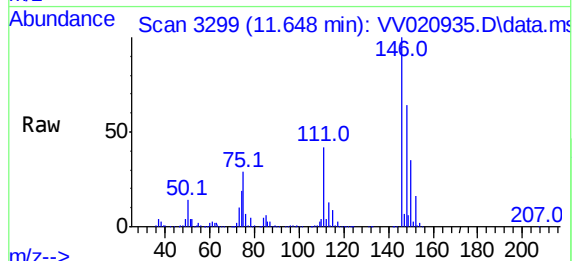




#65  
1,2-Dichlorobenzene  
Concen: 49.65 ug/L  
RT: 11.648 min Scan# 3299  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

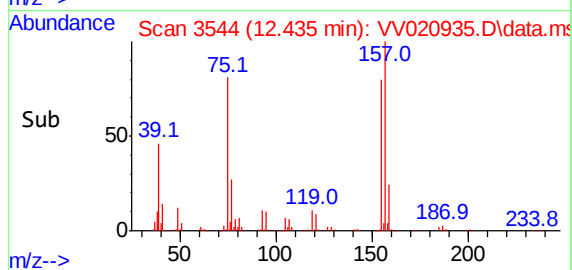
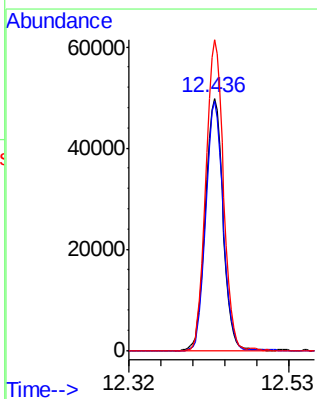
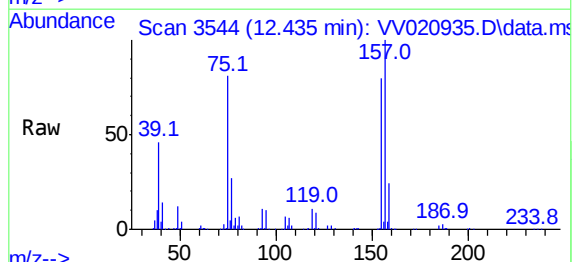
Instrument :  
MSVOA\_V  
ClientSampled :  
VSTD05074

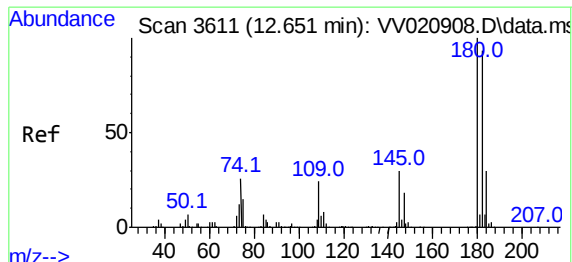
Tgt Ion:146 Resp: 518189  
Ion Ratio Lower Upper  
146 100  
111 41.7 34.1 51.1  
148 64.3 51.4 77.0



#66  
1,2-Dibromo-3-chloropropane  
Concen: 45.25 ug/L  
RT: 12.435 min Scan# 3544  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

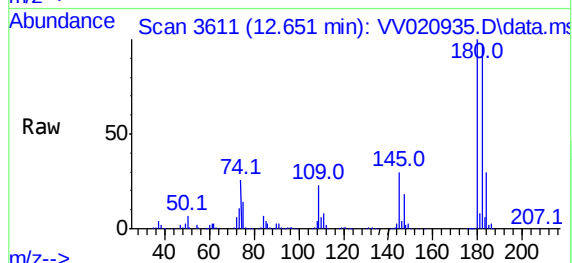
Tgt Ion: 75 Resp: 79847  
Ion Ratio Lower Upper  
75 100  
155 99.0 65.3 97.9#  
157 123.2 85.8 128.6



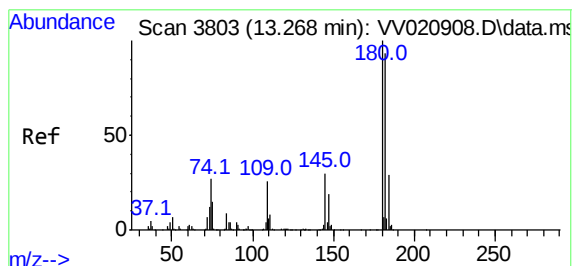
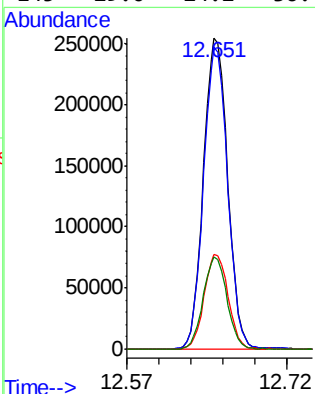
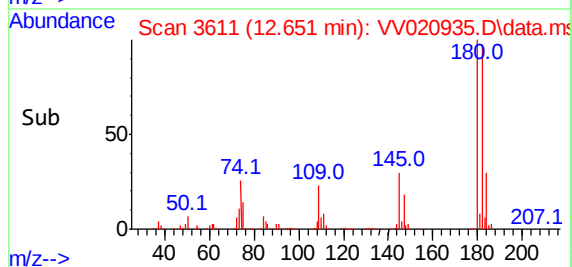


#67  
1,3,5-Trichlorobenzene  
Concen: 48.25 ug/L  
RT: 12.651 min Scan# 3611  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

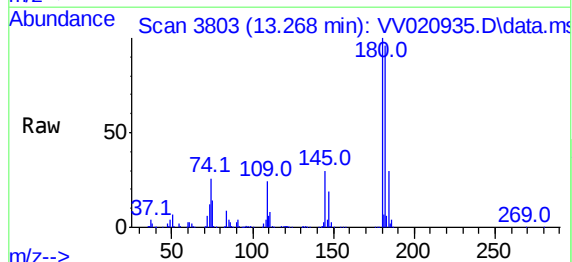
Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074



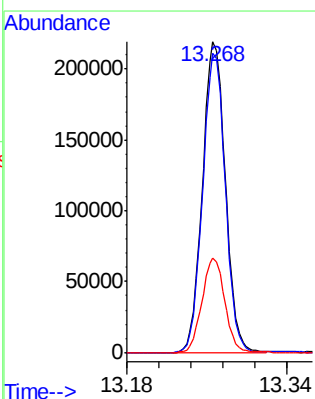
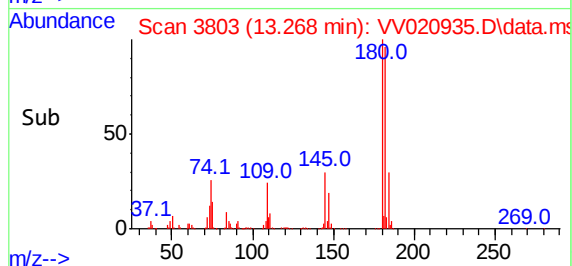
Tgt Ion:180 Resp: 396047  
Ion Ratio Lower Upper  
180 100  
182 96.8 76.3 114.5  
184 30.0 24.5 36.7  
145 29.0 24.2 36.4

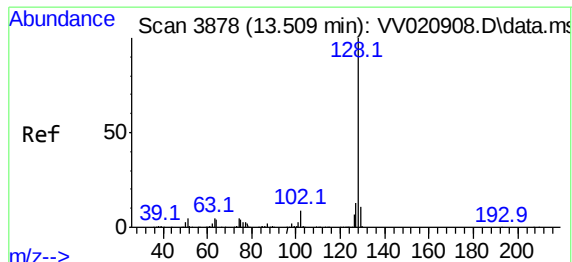


#68  
1,2,4-trichlorobenzene  
Concen: 48.37 ug/L  
RT: 13.268 min Scan# 3803  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18



Tgt Ion:180 Resp: 336681  
Ion Ratio Lower Upper  
180 100  
182 95.2 75.8 113.6  
145 30.1 23.9 35.9

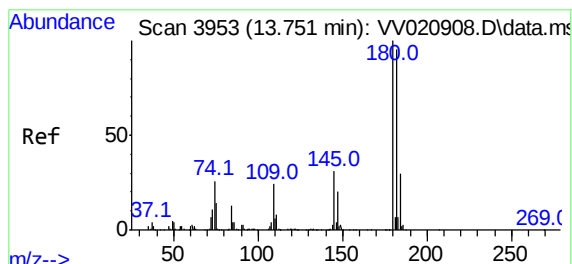
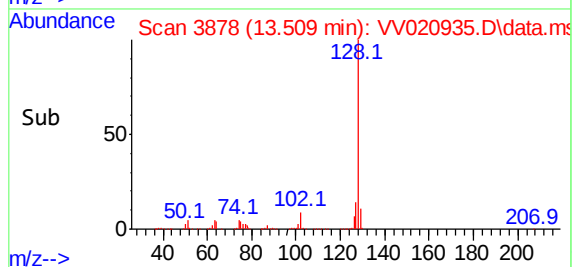
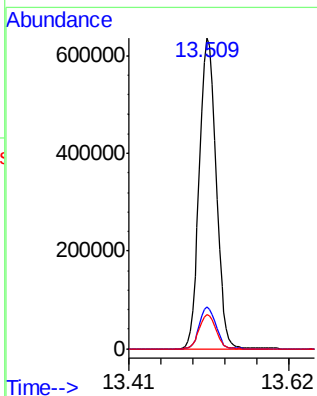
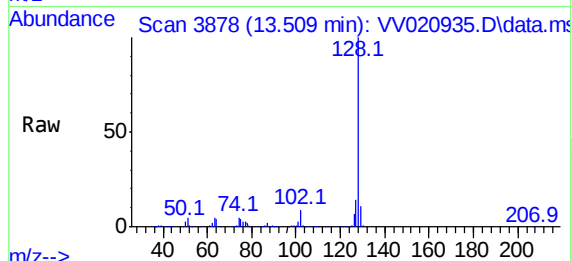




#69  
Naphthalene  
Concen: 48.56 ug/L  
RT: 13.509 min Scan# 3878  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Instrument :  
MSVOA\_V  
ClientSampleId :  
VSTD05074

Tgt Ion:128 Resp: 967368  
Ion Ratio Lower Upper  
128 100  
127 13.4 10.5 15.7  
129 11.0 8.7 13.1



#70  
1,2,3-Trichlorobenzene  
Concen: 48.78 ug/L  
RT: 13.751 min Scan# 3953  
Delta R.T. 0.000 min  
Lab File: VV020935.D  
Acq: 05 Apr 2021 23:18

Tgt Ion:180 Resp: 339963  
Ion Ratio Lower Upper  
180 100  
182 96.8 75.2 112.8  
145 32.3 25.5 38.3

