

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120221\  
 Data File : VX025465.D  
 Acq On : 03 Dec 2021 06:24  
 Operator : JC/MD  
 Sample : M4918-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 MW-44

Quant Time: Dec 03 07:39:27 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 17 15:36:16 2021  
 Response via : Initial Calibration

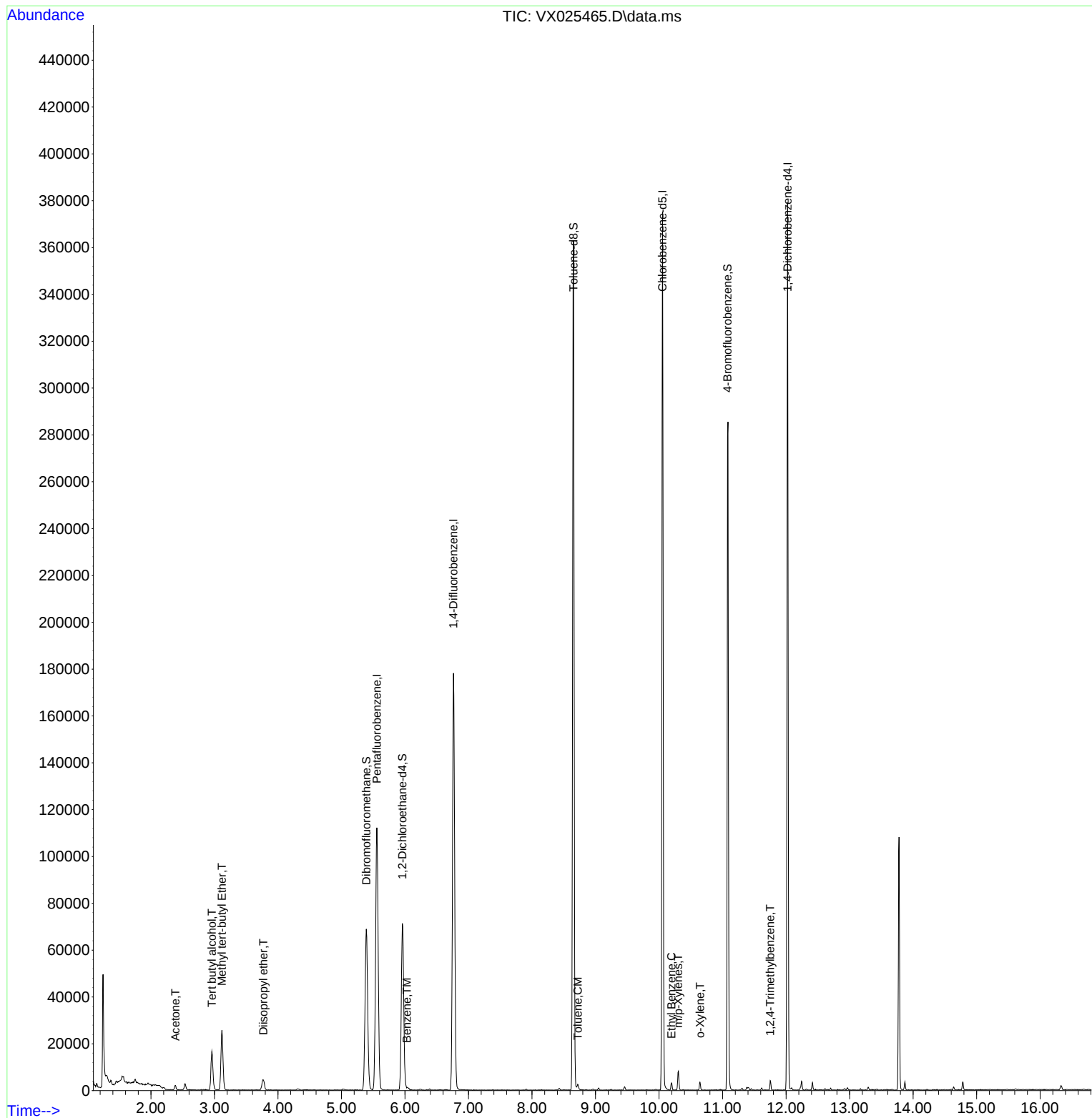
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 113880   | 50.00    | ug/l      | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 192233   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 173088   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 78436    | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 66612    | 55.49    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | = 110.98% |          |
| 35) Dibromofluoromethane    | 5.391  | 113   | 59274    | 50.25    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | = 100.50% |          |
| 50) Toluene-d8              | 8.653  | 98    | 221589   | 49.97    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | = 99.94%  |          |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 77687    | 46.31    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | = 92.62%  |          |
| Target Compounds            |        |       |          |          |           |          |
|                             |        |       |          |          | Qvalue    |          |
| 11) Tert butyl alcohol      | 2.959  | 59    | 19802    | 59.89    | ug/l      | 99       |
| 16) Acetone                 | 2.386  | 43    | 2228     | 3.34     | ug/l      | 91       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 28549    | 7.76     | ug/l      | 100      |
| 22) Diisopropyl ether       | 3.769  | 45    | 5084     | 1.40     | ug/l #    | 84       |
| 40) Benzene                 | 6.031  | 78    | 1155     | 0.23     | ug/l      | 97       |
| 52) Toluene                 | 8.720  | 92    | 855      | 0.26     | ug/l      | 79       |
| 67) Ethyl Benzene           | 10.195 | 91    | 2195     | 0.36     | ug/l      | 96       |
| 68) m/p-Xylenes             | 10.299 | 106   | 2163     | 0.87     | ug/l      | 92       |
| 69) o-Xylene                | 10.646 | 106   | 843      | 0.35     | ug/l      | 91       |
| 84) 1,2,4-Trimethylbenzene  | 11.750 | 105   | 1941     | 0.42     | ug/l      | 96       |
| -----                       |        |       |          |          |           |          |

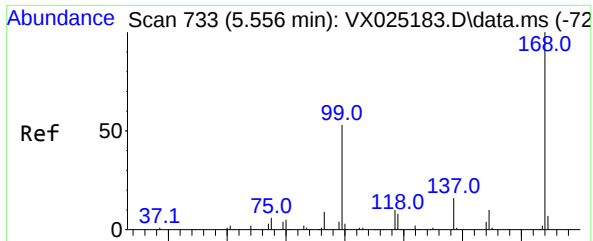
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120221\  
Data File : VX025465.D  
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MSVOA\_X  
ClientSampleId :  
MW-44

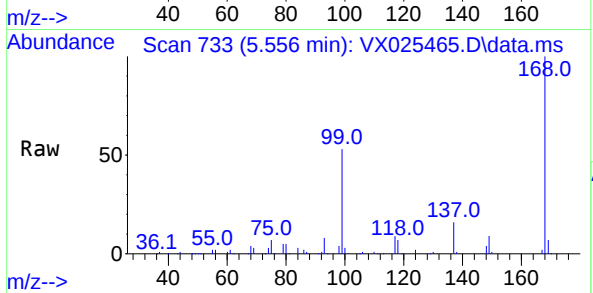
Quant Time: Dec 03 07:39:27 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 17 15:36:16 2021  
Response via : Initial Calibration



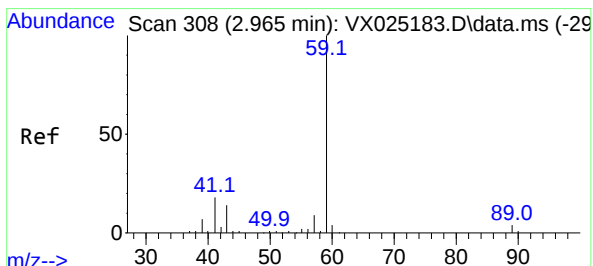
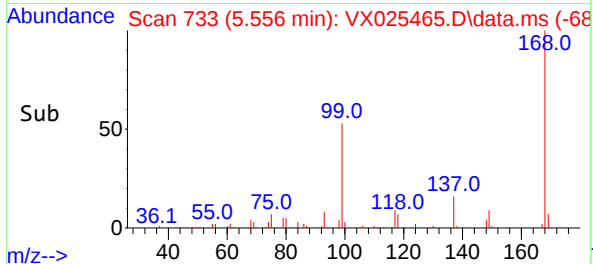
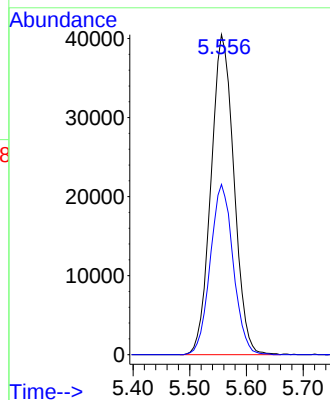


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-44

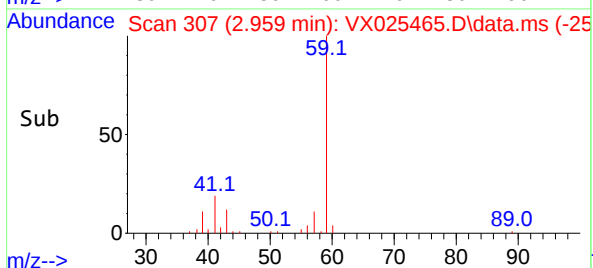
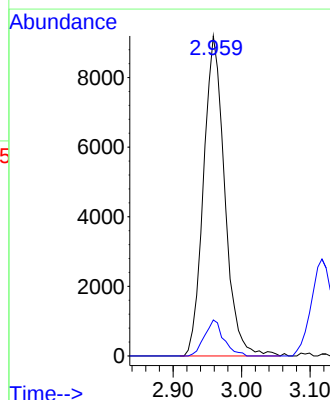
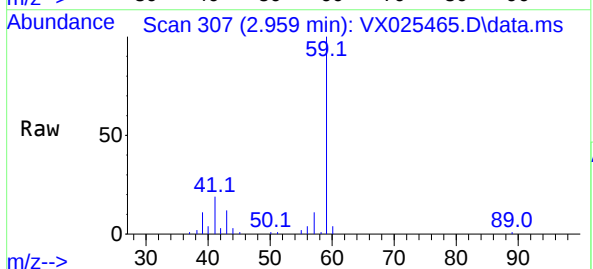


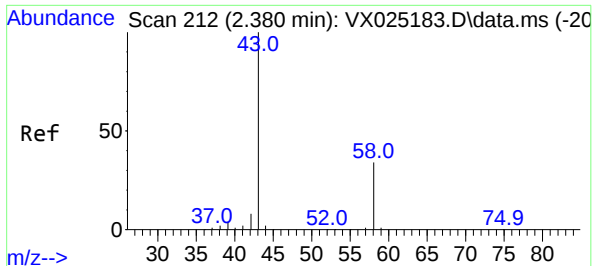
Tgt Ion:168 Resp: 113880  
Ion Ratio Lower Upper  
168 100  
99 53.2 46.4 69.6



#11  
Tert butyl alcohol  
Concen: 59.89 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion: 59 Resp: 19802  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.5 12.7

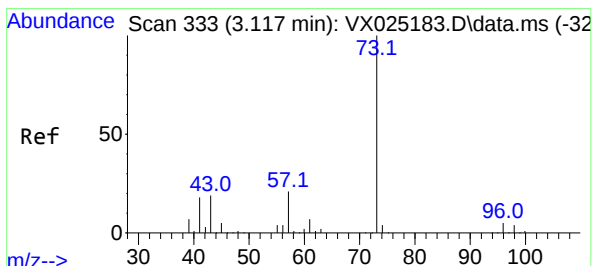
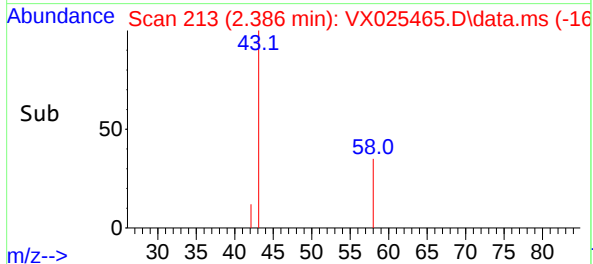
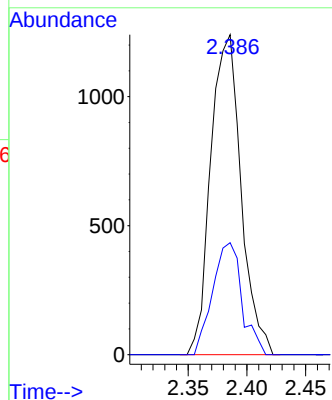
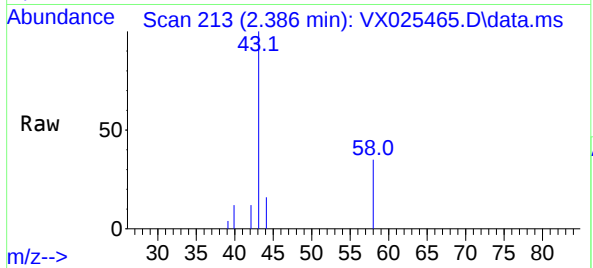




#16  
Acetone  
Concen: 3.34 ug/l  
RT: 2.386 min Scan# 212  
Delta R.T. 0.006 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

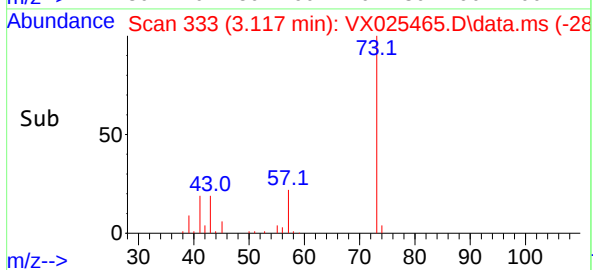
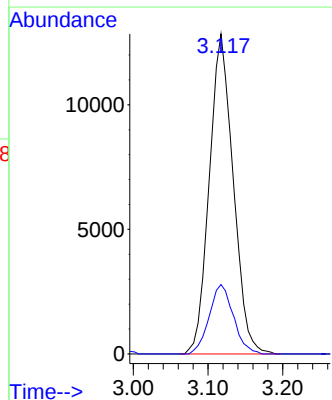
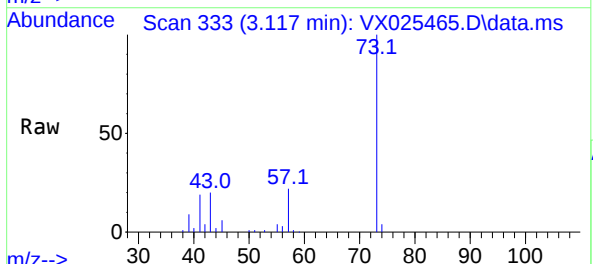
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-44

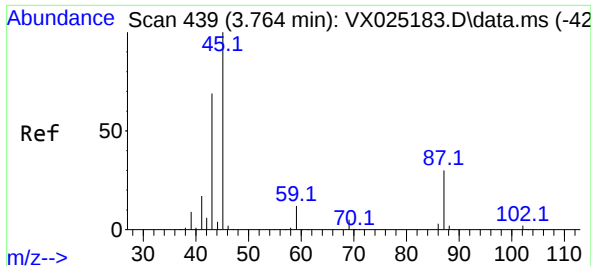
Tgt Ion: 43 Resp: 2228  
Ion Ratio Lower Upper  
43 100  
58 35.0 24.0 36.0



#19  
Methyl tert-butyl Ether  
Concen: 7.76 ug/l  
RT: 3.117 min Scan# 333  
Delta R.T. 0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion: 73 Resp: 28549  
Ion Ratio Lower Upper  
73 100  
57 21.7 17.5 26.3

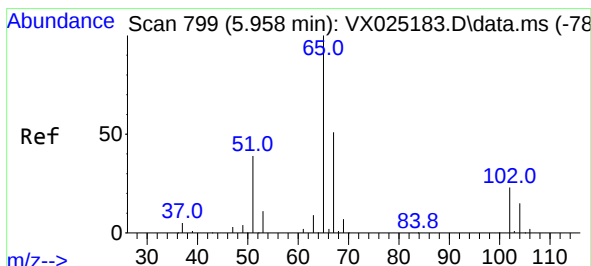
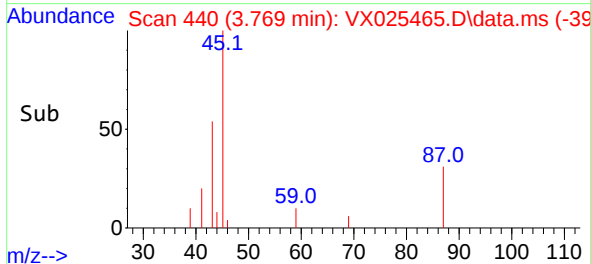
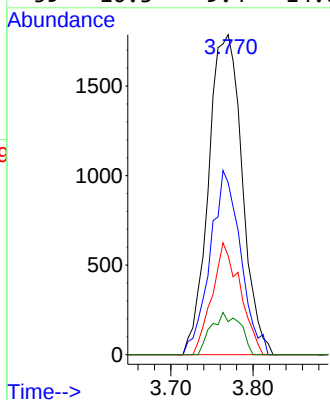
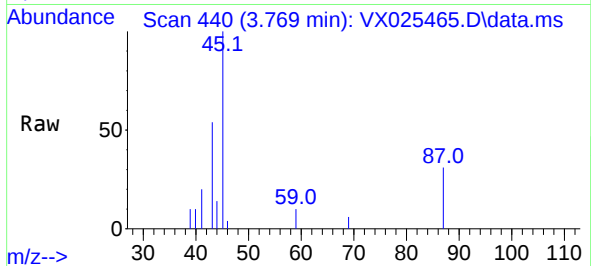




#22  
Diisopropyl ether  
Concen: 1.40 ug/l  
RT: 3.769 min Scan# 440  
Delta R.T. 0.006 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

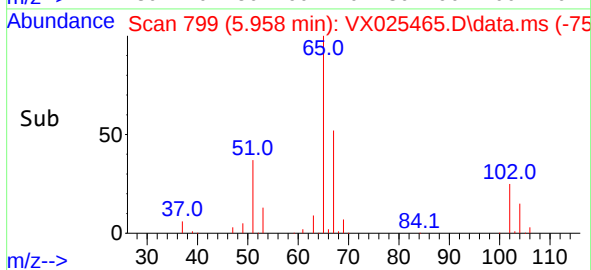
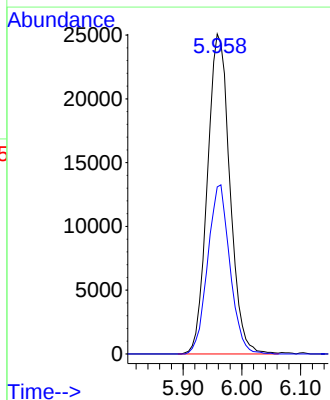
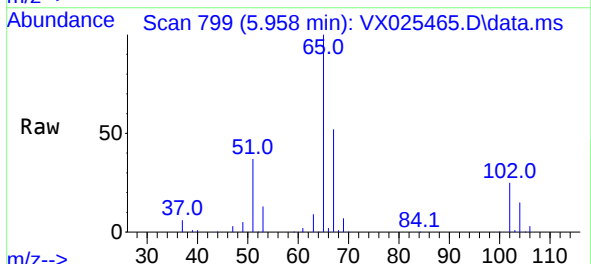
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MSVOA\_X  
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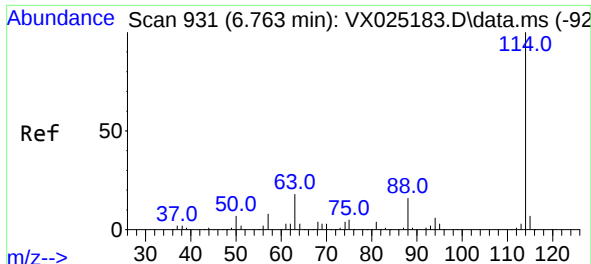
Tgt Ion: 45 Resp: 5084  
Ion Ratio Lower Upper  
45 100  
43 53.8 58.3 87.5#  
87 30.9 23.7 35.5  
59 10.3 9.4 14.0



#33  
1,2-Dichloroethane-d4  
Concen: 55.49 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion: 65 Resp: 66612  
Ion Ratio Lower Upper  
65 100  
67 52.3 0.0 101.0

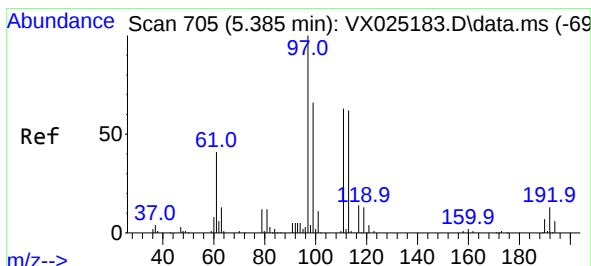
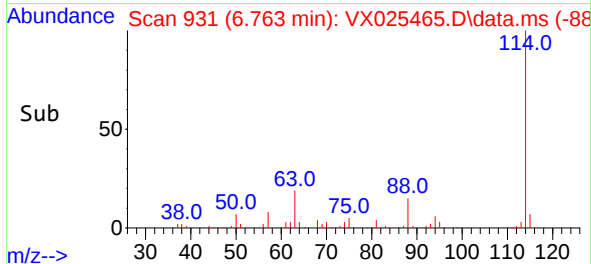
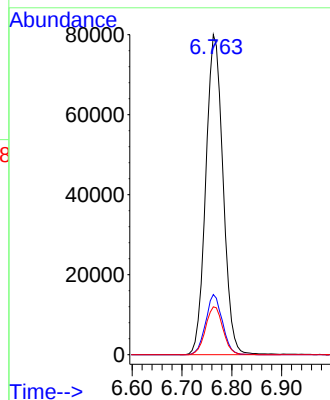
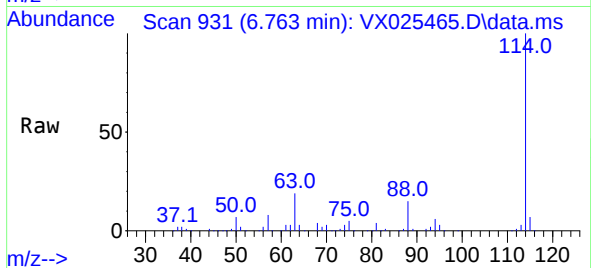




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

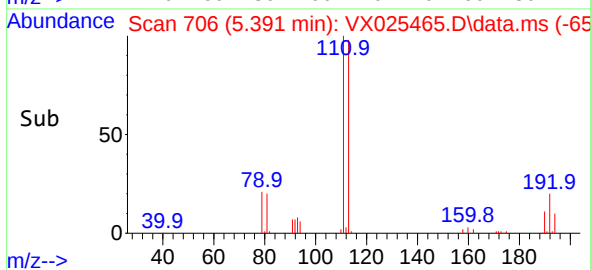
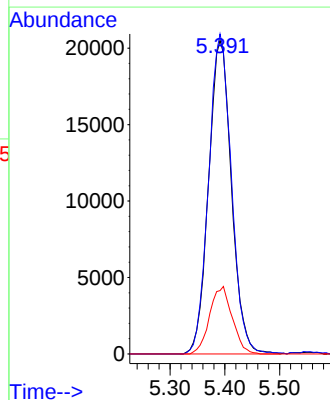
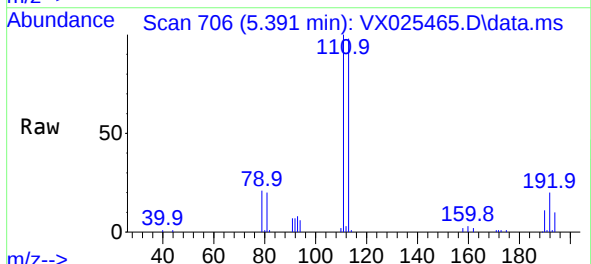
Instrument :  
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ClientSampleId :  
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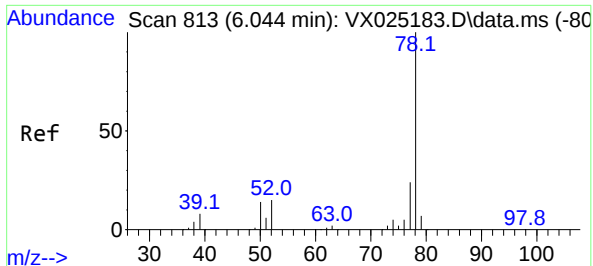
Tgt Ion:114 Resp: 192233  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 41.0  
88 14.9 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 50.25 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion:113 Resp: 59274  
Ion Ratio Lower Upper  
113 100  
111 101.8 82.1 123.1  
192 21.3 15.6 23.4

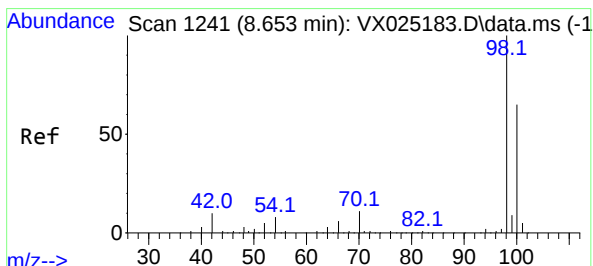
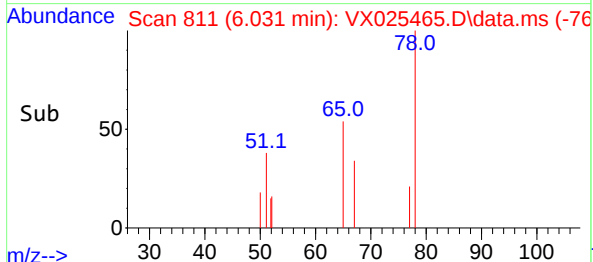
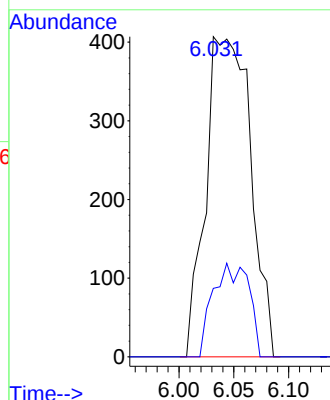
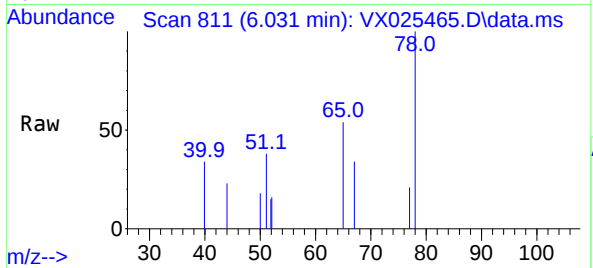




#40  
Benzene  
Concen: 0.23 ug/l  
RT: 6.031 min Scan# 813  
Delta R.T. -0.013 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

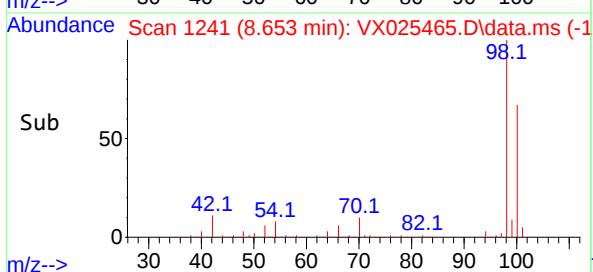
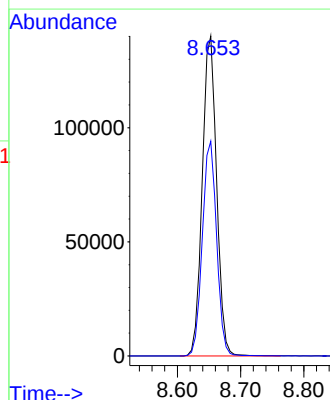
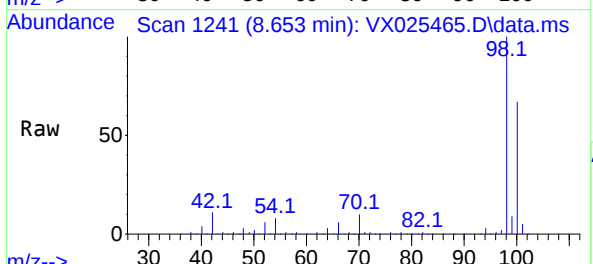
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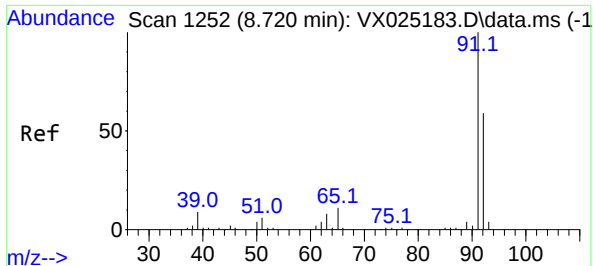
Tgt Ion: 78 Resp: 1155  
Ion Ratio Lower Upper  
78 100  
77 21.4 18.3 27.5



#50  
Toluene-d8  
Concen: 49.97 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion: 98 Resp: 221589  
Ion Ratio Lower Upper  
98 100  
100 66.8 51.4 77.0

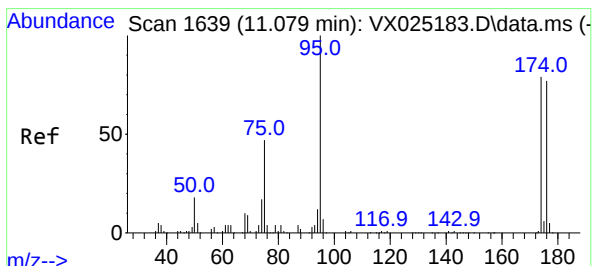
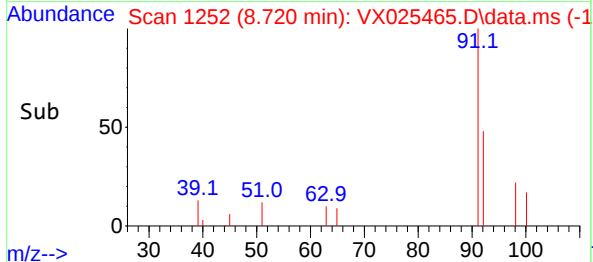
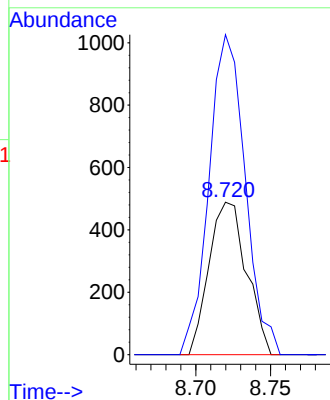
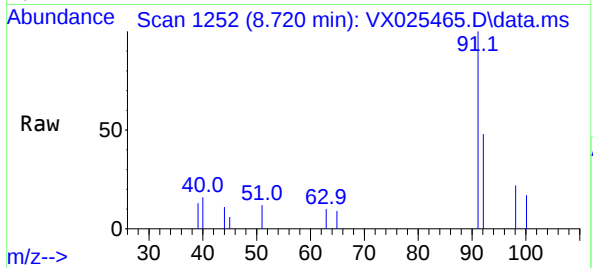




#52  
Toluene  
Concen: 0.26 ug/l  
RT: 8.720 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

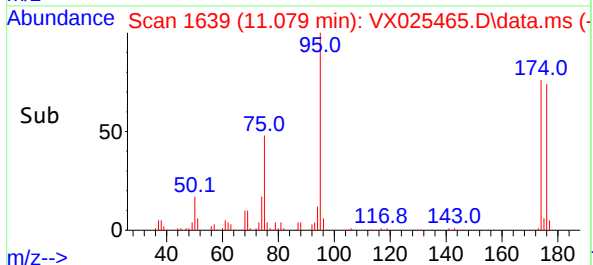
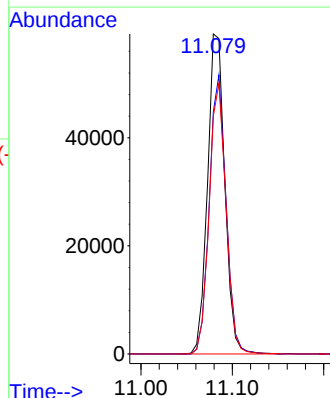
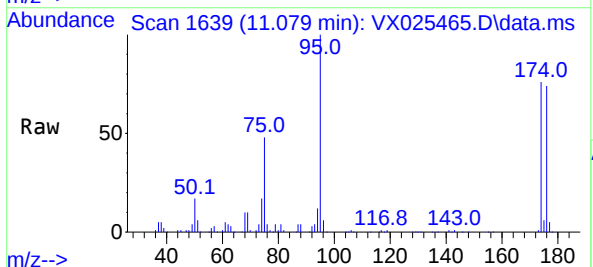
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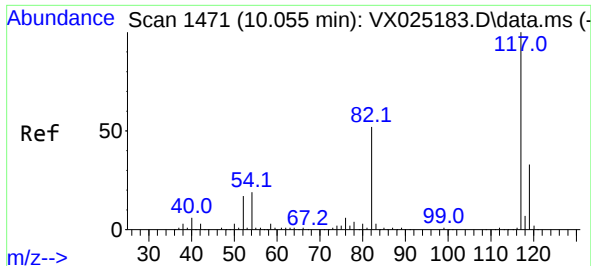
Tgt Ion: 92 Resp: 855  
Ion Ratio Lower Upper  
92 100  
91 202.1 138.6 208.0



#62  
4-Bromofluorobenzene  
Concen: 46.31 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion: 95 Resp: 77687  
Ion Ratio Lower Upper  
95 100  
174 84.2 0.0 158.0  
176 82.3 0.0 153.6

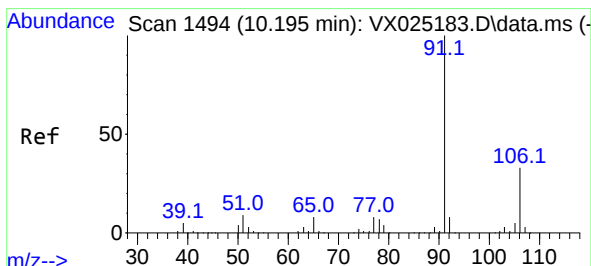
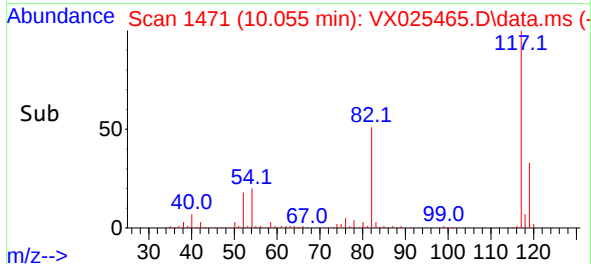
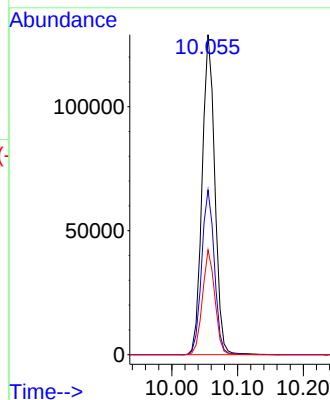
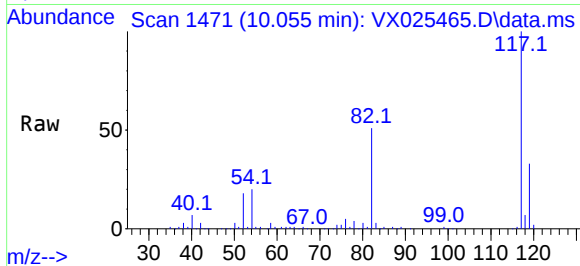




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

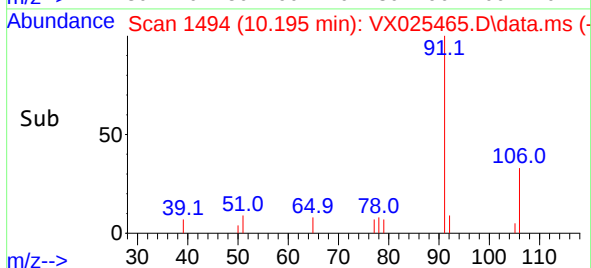
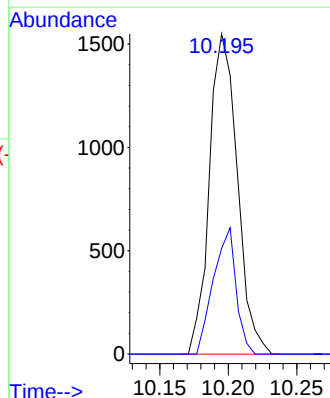
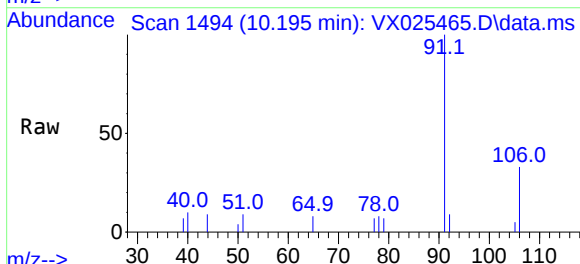
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ClientSampleId :  
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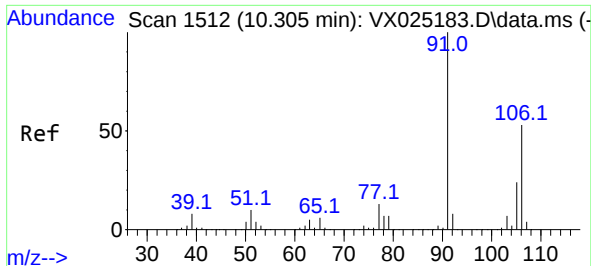
Tgt Ion:117 Resp: 173088  
Ion Ratio Lower Upper  
117 100  
82 51.4 44.6 67.0  
119 32.7 24.8 37.2



#67  
Ethyl Benzene  
Concen: 0.36 ug/l  
RT: 10.195 min Scan# 1494  
Delta R.T. 0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion: 91 Resp: 2195  
Ion Ratio Lower Upper  
91 100  
106 33.0 24.7 37.1

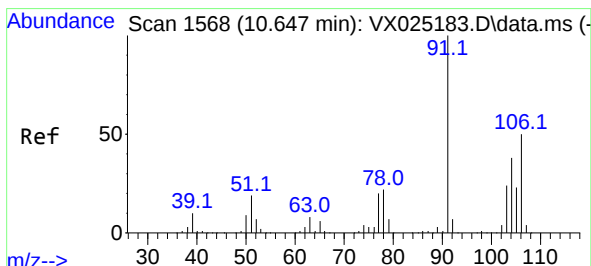
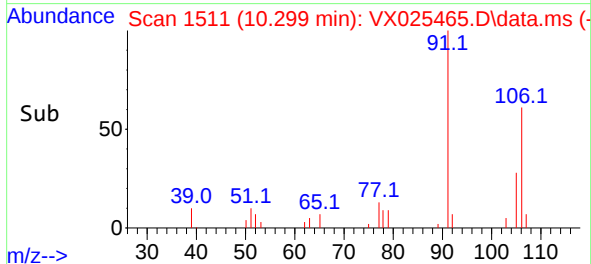
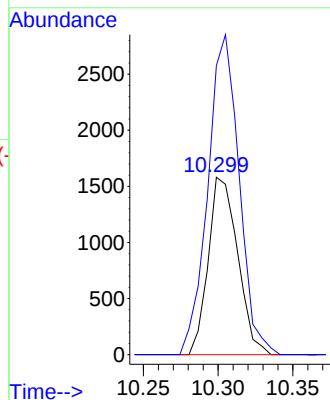
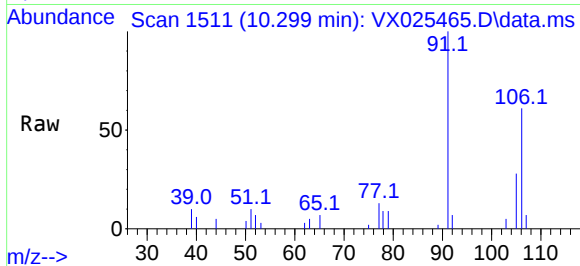




#68  
m/p-Xylenes  
Concen: 0.87 ug/l  
RT: 10.299 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

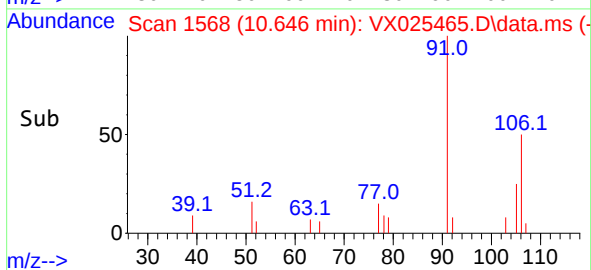
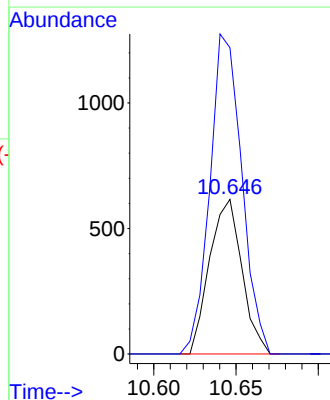
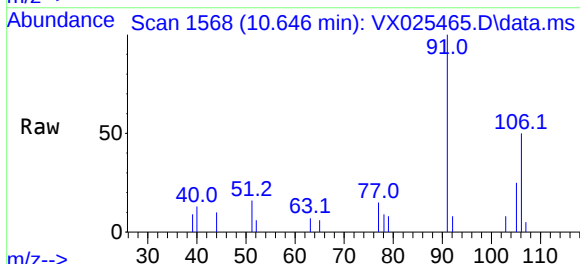
Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-44

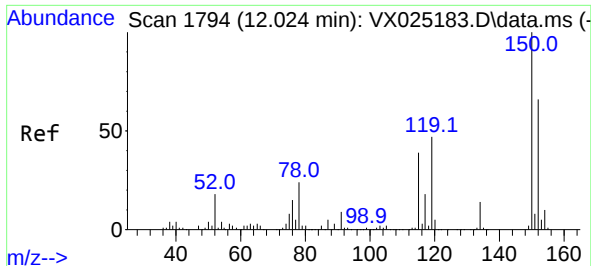
Tgt Ion:106 Resp: 2163  
Ion Ratio Lower Upper  
106 100  
91 191.9 163.4 245.0



#69  
o-Xylene  
Concen: 0.35 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion:106 Resp: 843  
Ion Ratio Lower Upper  
106 100  
91 204.4 109.5 328.4

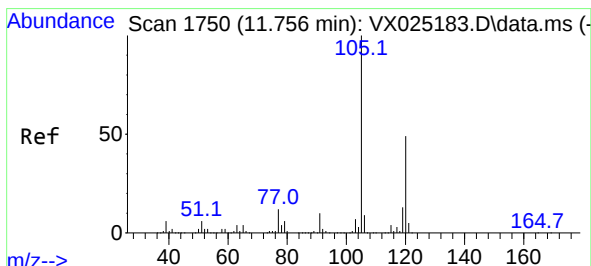
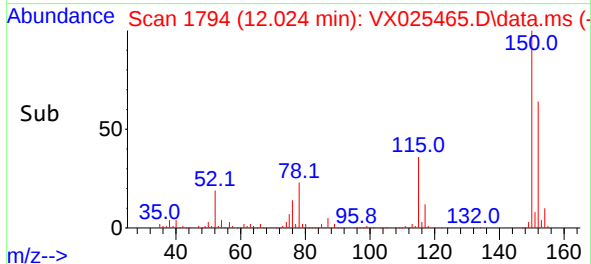
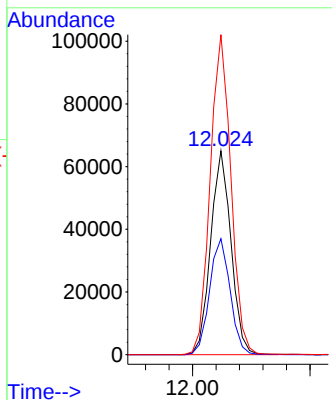
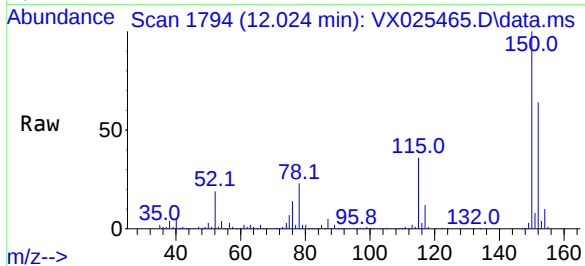




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Instrument :  
MSVOA\_X  
ClientSampleId :  
MW-44

Tgt Ion:152 Resp: 78436  
Ion Ratio Lower Upper  
152 100  
115 57.4 43.3 129.8  
150 159.6 0.0 351.2



#84  
1,2,4-Trimethylbenzene  
Concen: 0.42 ug/l  
RT: 11.750 min Scan# 1749  
Delta R.T. -0.006 min  
Lab File: VX025465.D  
Acq: 03 Dec 2021 06:24

Tgt Ion:105 Resp: 1941  
Ion Ratio Lower Upper  
105 100  
120 47.1 22.1 66.3

