

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020222\  
 Data File : VX026747.D  
 Acq On : 02 Feb 2022 19:16  
 Operator : JC/MD  
 Sample : PB142421ZHE#06  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB142421ZHE#06

Quant Time: Feb 03 03:09:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 11 14:45:13 2022  
 Response via : Initial Calibration

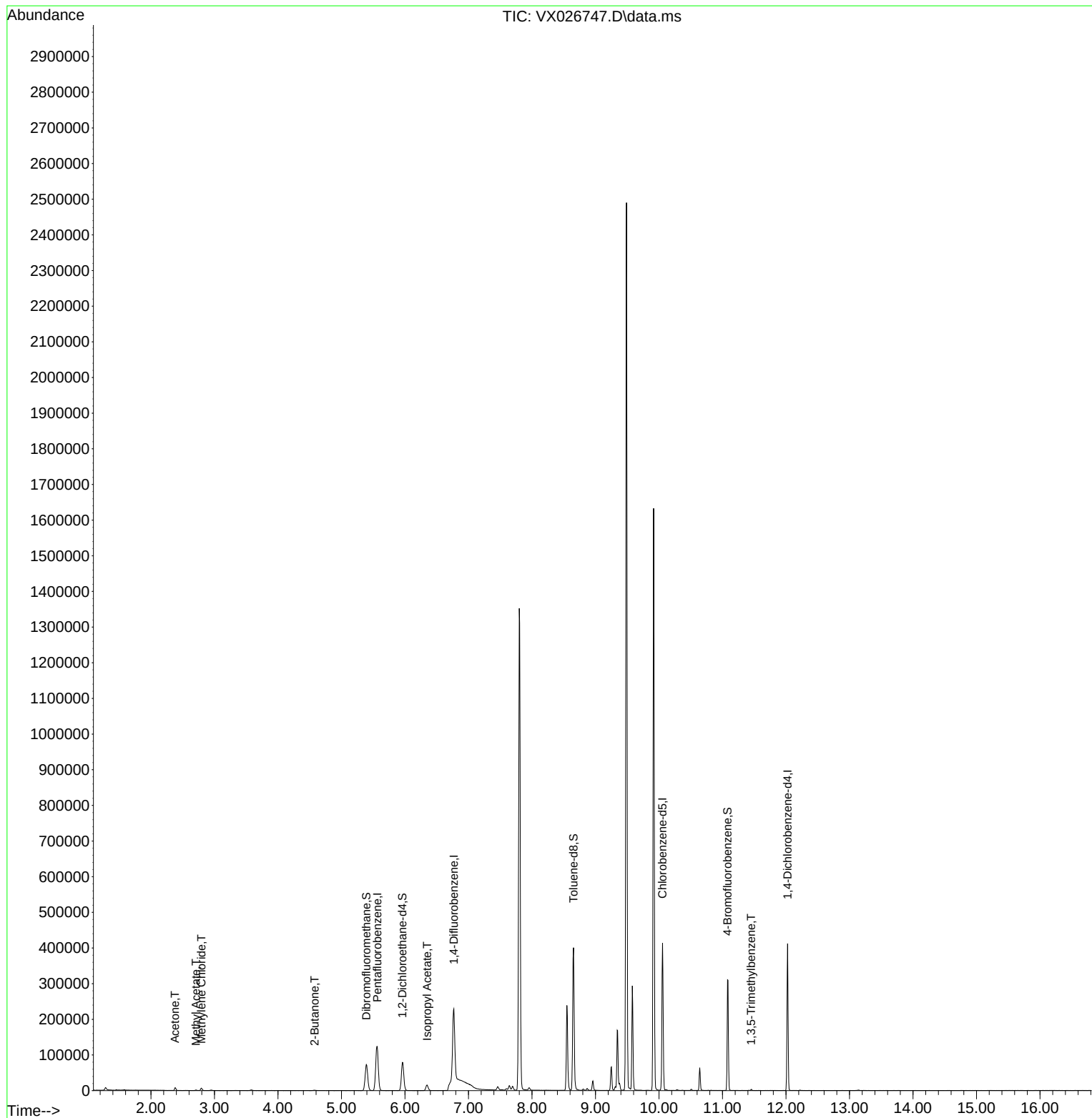
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 121316   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 205073   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 182871   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 81234    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 77584    | 45.781   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 91.560%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 63808    | 48.183   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 96.360%  |
| 50) Toluene-d8              | 8.653  | 98    | 238619   | 50.002   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 100.000% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 87713    | 51.740   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 103.480% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 8947     | 10.353   | ug/l # | 89       |
| 18) Methyl Acetate          | 2.709  | 43    | 2383     | 1.387    | ug/l   | 92       |
| 20) Methylene Chloride      | 2.794  | 84    | 2981     | 2.088    | ug/l   | 96       |
| 25) 2-Butanone              | 4.574  | 43    | 1707     | 1.519    | ug/l # | 90       |
| 43) Isopropyl Acetate       | 6.349  | 43    | 22116    | 6.474    | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene  | 11.451 | 105   | 1678     | 0.306    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

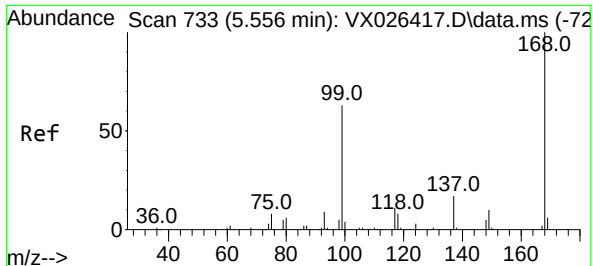
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X011122W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 11 14:45:13 2022  
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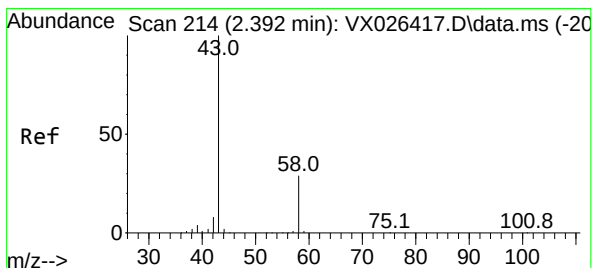
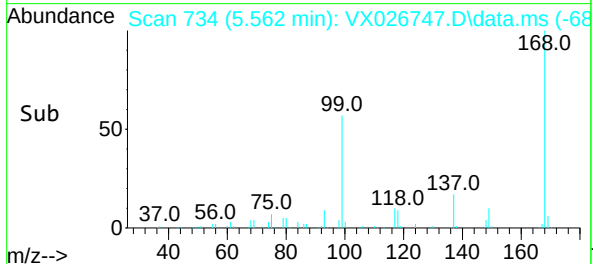
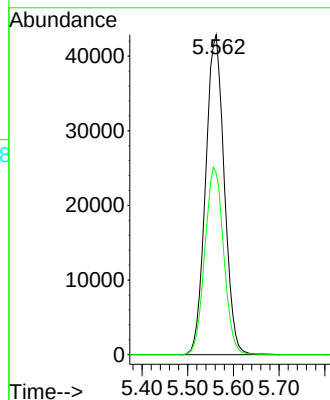
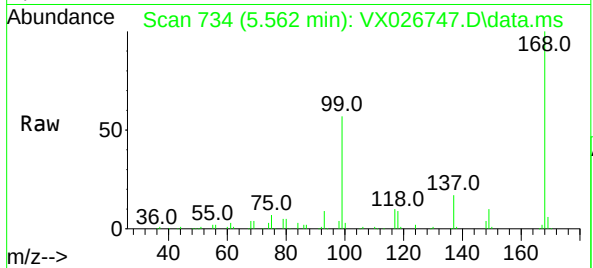




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

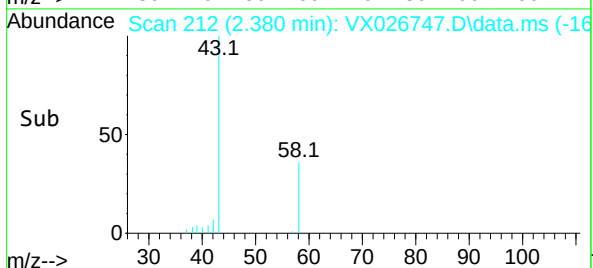
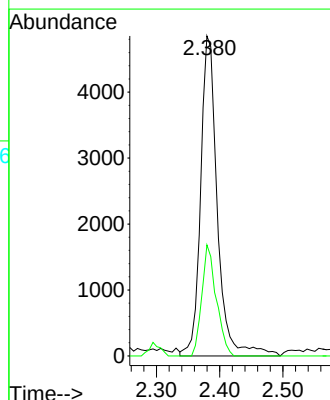
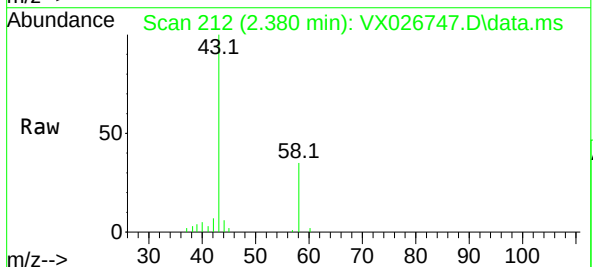
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142421ZHE#06

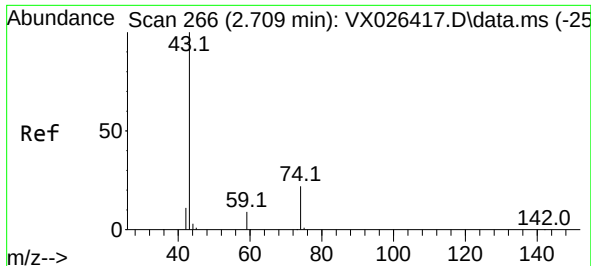
Tgt Ion:168 Resp: 121316  
Ion Ratio Lower Upper  
168 100  
99 56.8 50.3 75.5



#16  
Acetone  
Concen: 10.353 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Tgt Ion: 43 Resp: 8947  
Ion Ratio Lower Upper  
43 100  
58 34.7 23.0 34.6#

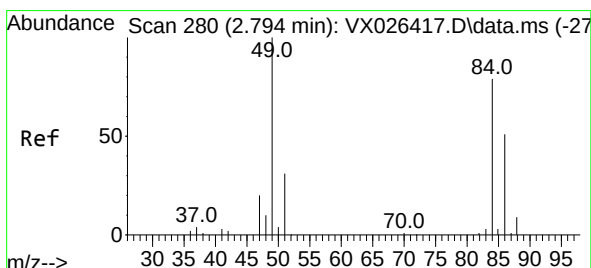
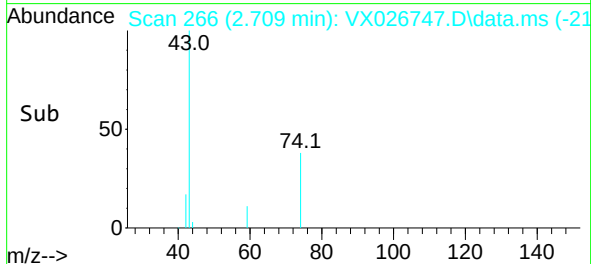
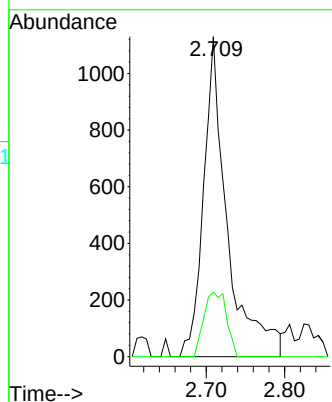
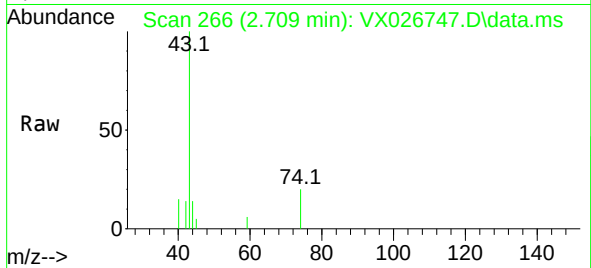




#18  
Methyl Acetate  
Concen: 1.387 ug/l  
RT: 2.709 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

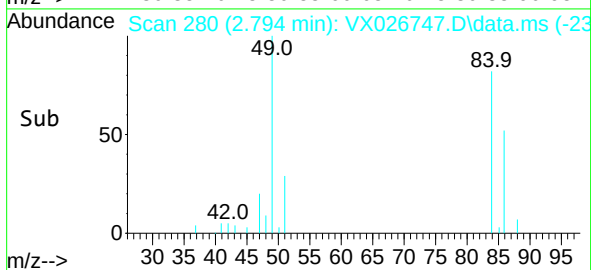
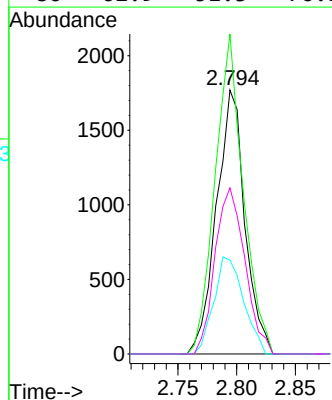
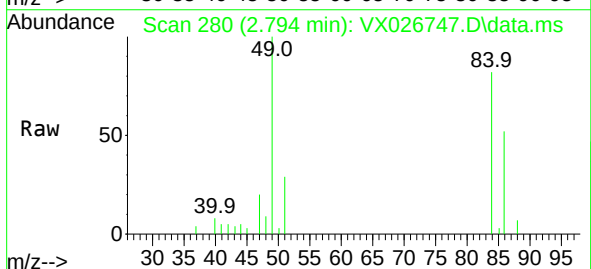
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142421ZHE#06

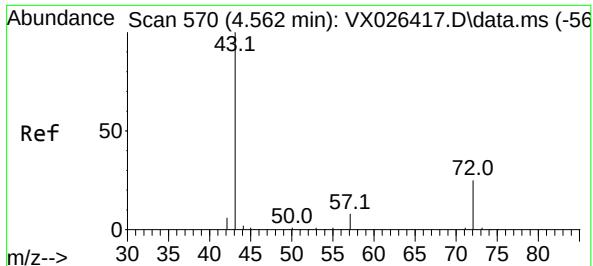
Tgt Ion: 43 Resp: 2383  
Ion Ratio Lower Upper  
43 100  
74 19.2 18.3 27.5



#20  
Methylene Chloride  
Concen: 2.088 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Tgt Ion: 84 Resp: 2981  
Ion Ratio Lower Upper  
84 100  
49 121.2 101.5 152.3  
51 35.5 31.2 46.8  
86 62.9 51.3 76.9





#25

2-Butanone

Concen: 1.519 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX026747.D

Acq: 02 Feb 2022 19:16

Instrument :

MSVOA\_X

ClientSampleId :

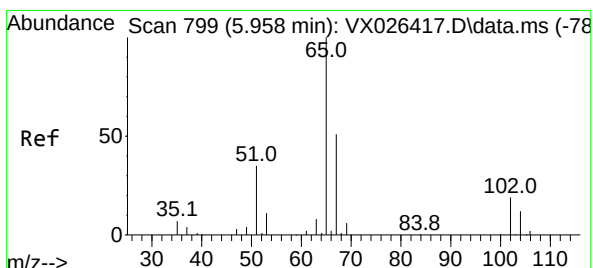
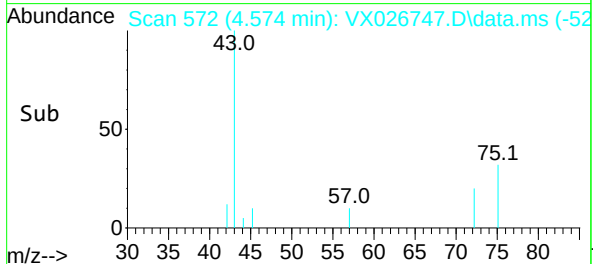
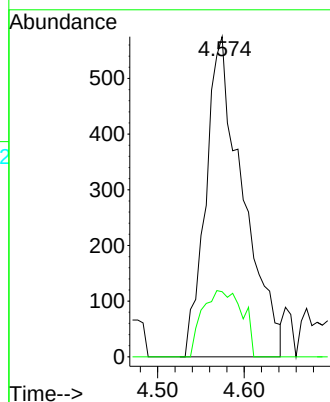
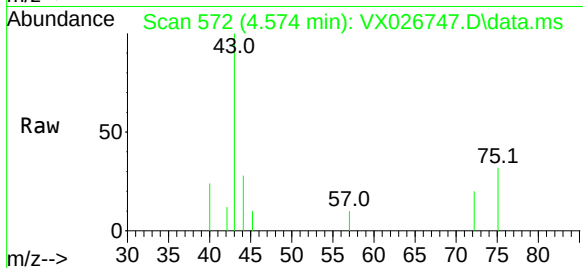
PB142421ZHE#06

Tgt Ion: 43 Resp: 1707

Ion Ratio Lower Upper

43 100

72 20.3 20.4 30.6#



#33

1,2-Dichloroethane-d4

Concen: 45.781 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026747.D

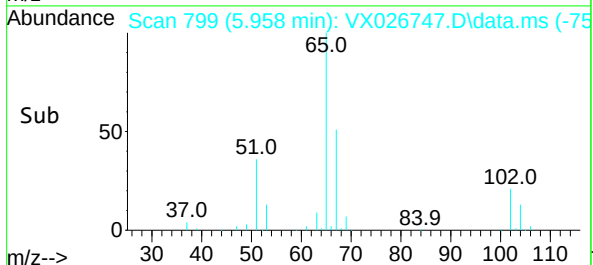
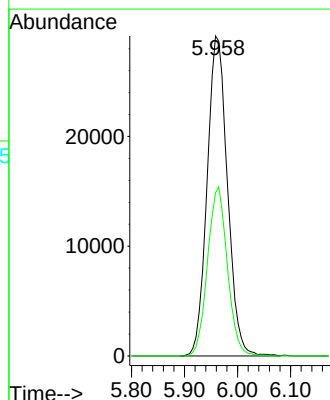
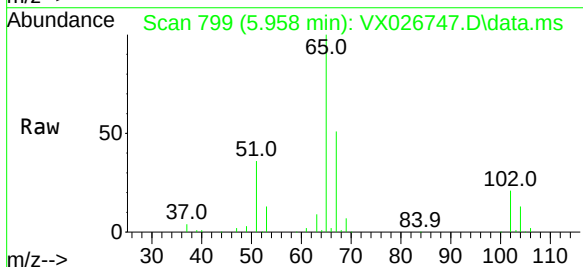
Acq: 02 Feb 2022 19:16

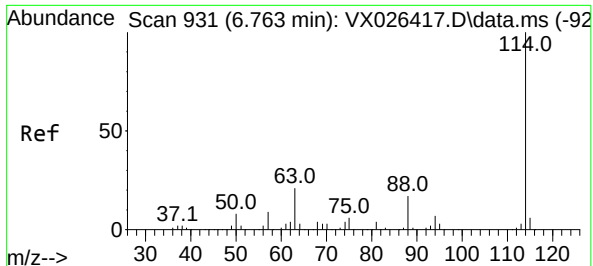
Tgt Ion: 65 Resp: 77584

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8

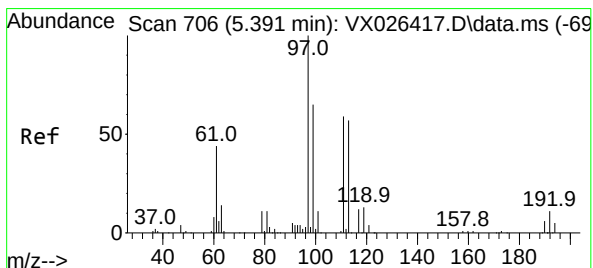
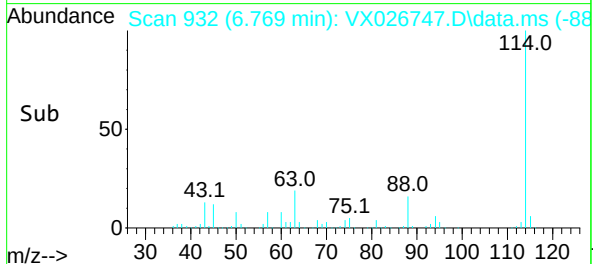
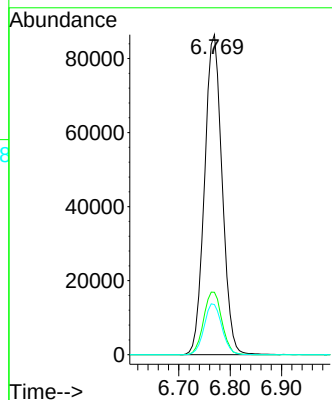
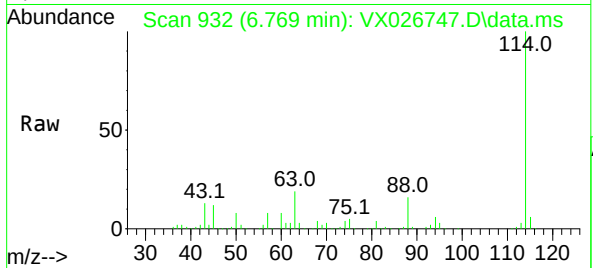




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

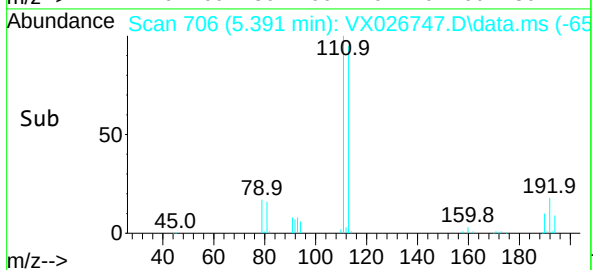
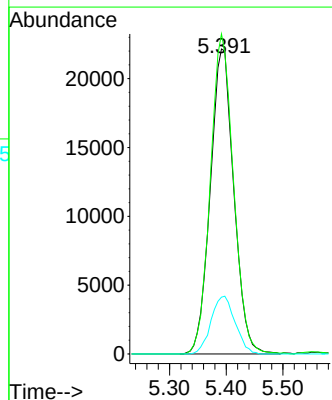
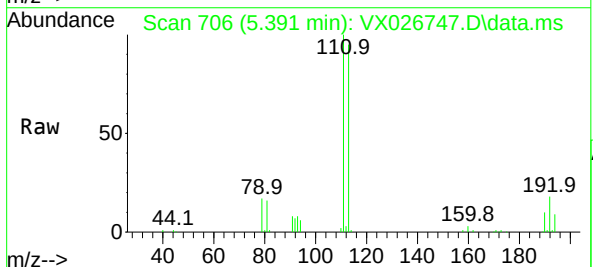
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142421ZHE#06

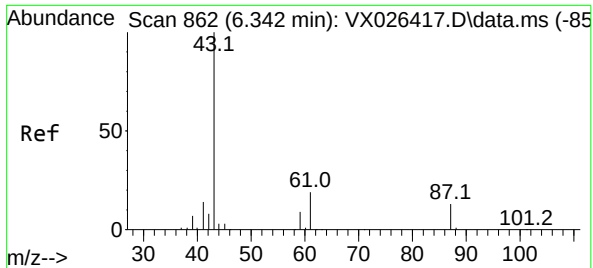
Tgt Ion:114 Resp: 205073  
Ion Ratio Lower Upper  
114 100  
63 19.5 0.0 42.8  
88 15.7 0.0 33.0



#35  
Dibromofluoromethane  
Concen: 48.183 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Tgt Ion:113 Resp: 63808  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.2 121.8  
192 19.4 15.0 22.4

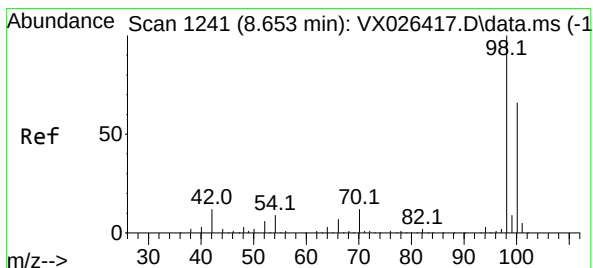
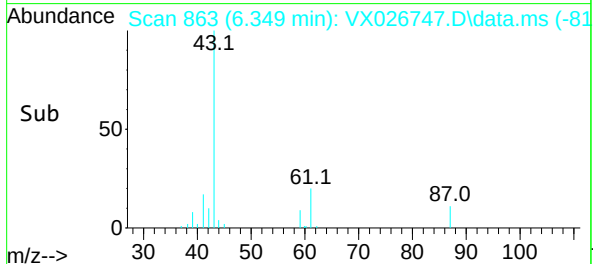
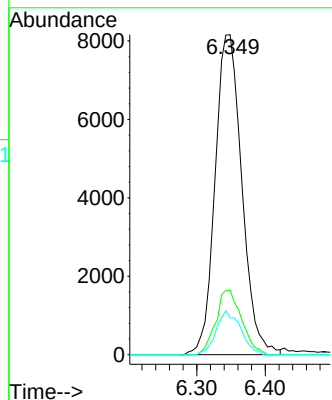
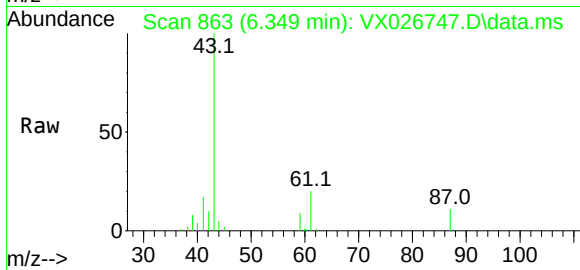




#43  
Isopropyl Acetate  
Concen: 6.474 ug/l  
RT: 6.349 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

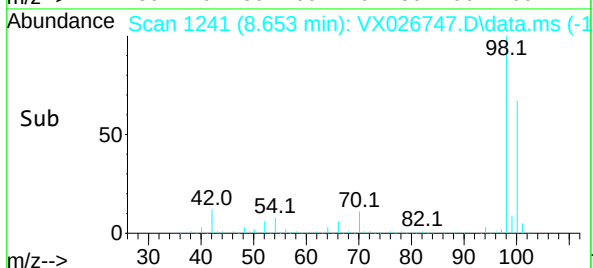
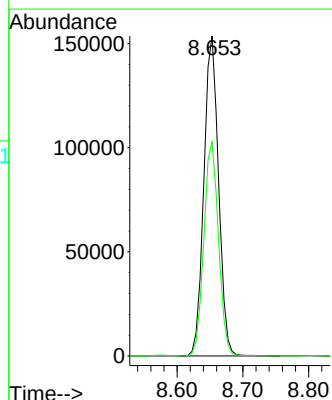
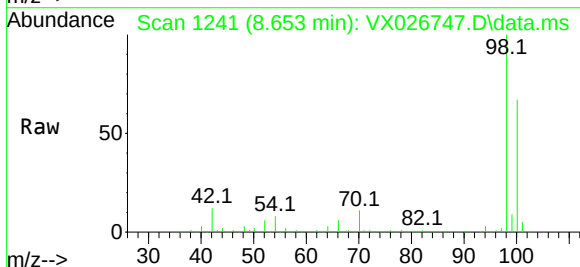
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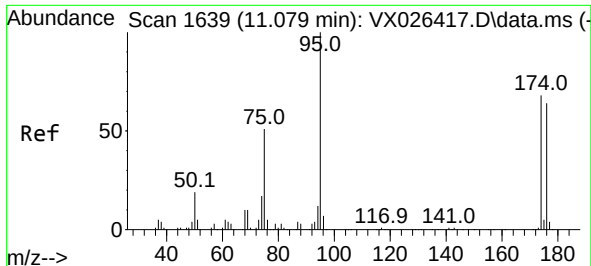
Tgt Ion: 43 Resp: 22116  
Ion Ratio Lower Upper  
43 100  
61 19.4 15.4 23.0  
87 12.6 10.2 15.2



#50  
Toluene-d8  
Concen: 50.002 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Tgt Ion: 98 Resp: 238619  
Ion Ratio Lower Upper  
98 100  
100 67.0 53.2 79.8

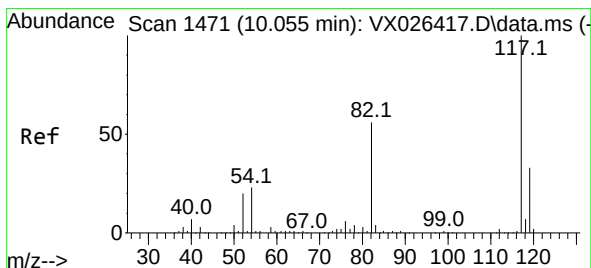
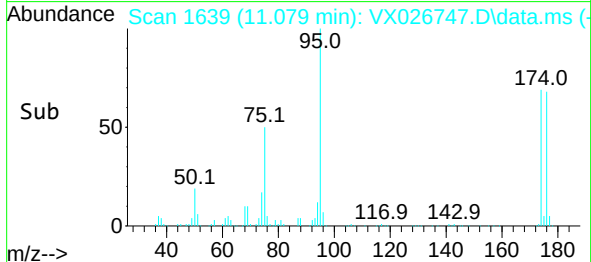
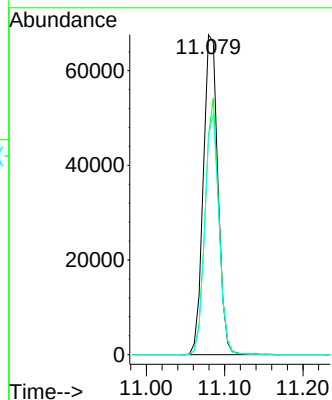
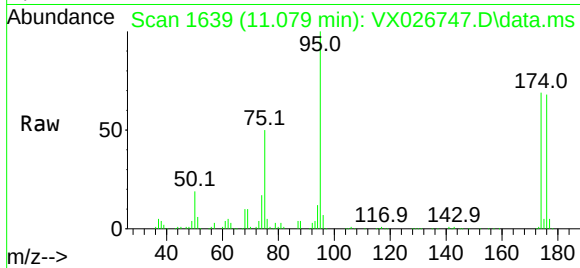




#62  
4-Bromofluorobenzene  
Concen: 51.740 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

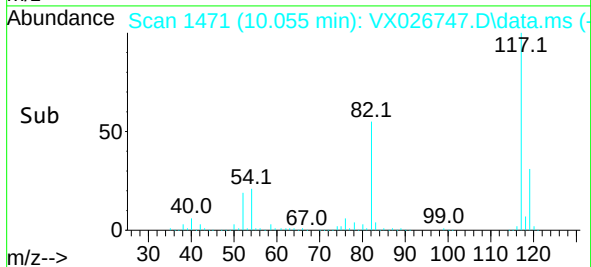
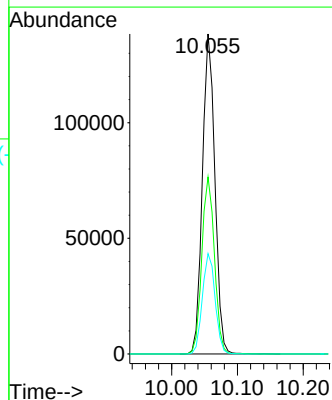
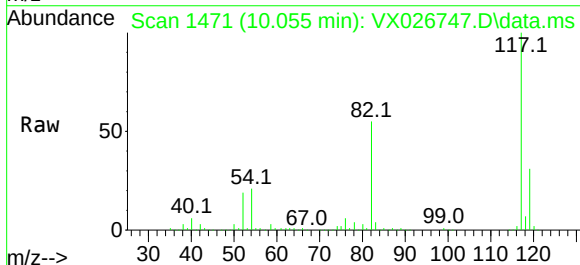
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Tgt Ion: 95 Resp: 87713  
Ion Ratio Lower Upper  
95 100  
174 75.3 0.0 148.6  
176 72.8 0.0 141.4

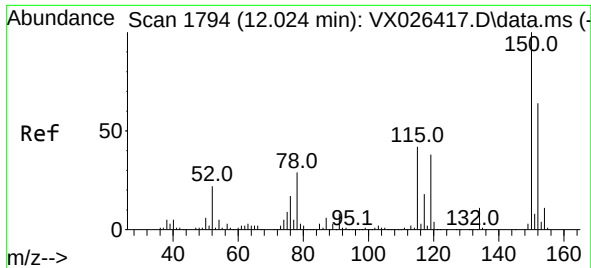


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Tgt Ion: 117 Resp: 182871  
Ion Ratio Lower Upper  
117 100  
82 55.3 45.2 67.8  
119 31.3 26.2 39.2



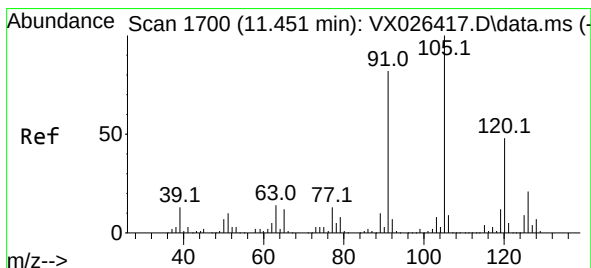
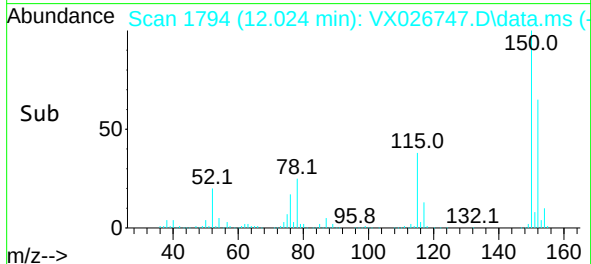
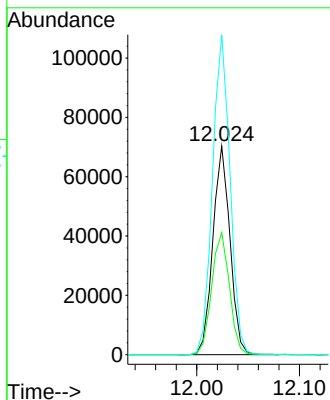
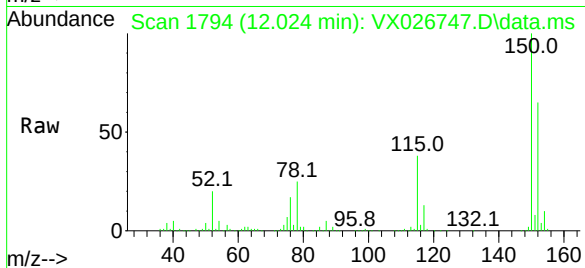




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB142421ZHE#06

Tgt Ion:152 Resp: 81234  
Ion Ratio Lower Upper  
152 100  
115 60.7 44.2 132.6  
150 157.3 0.0 348.2



#80  
1,3,5-Trimethylbenzene  
Concen: 0.306 ug/l  
RT: 11.451 min Scan# 1700  
Delta R.T. 0.000 min  
Lab File: VX026747.D  
Acq: 02 Feb 2022 19:16

Tgt Ion:105 Resp: 1678  
Ion Ratio Lower Upper  
105 100  
120 44.5 24.0 72.0

