

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110922\  
 Data File : VX032685.D  
 Acq On : 09 Nov 2022 17:24  
 Operator : JC/MD  
 Sample : N5512-09  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AUD-1896-TOTE

Quant Time: Nov 10 03:06:01 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X102622W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 27 08:28:06 2022  
 Response via : Initial Calibration

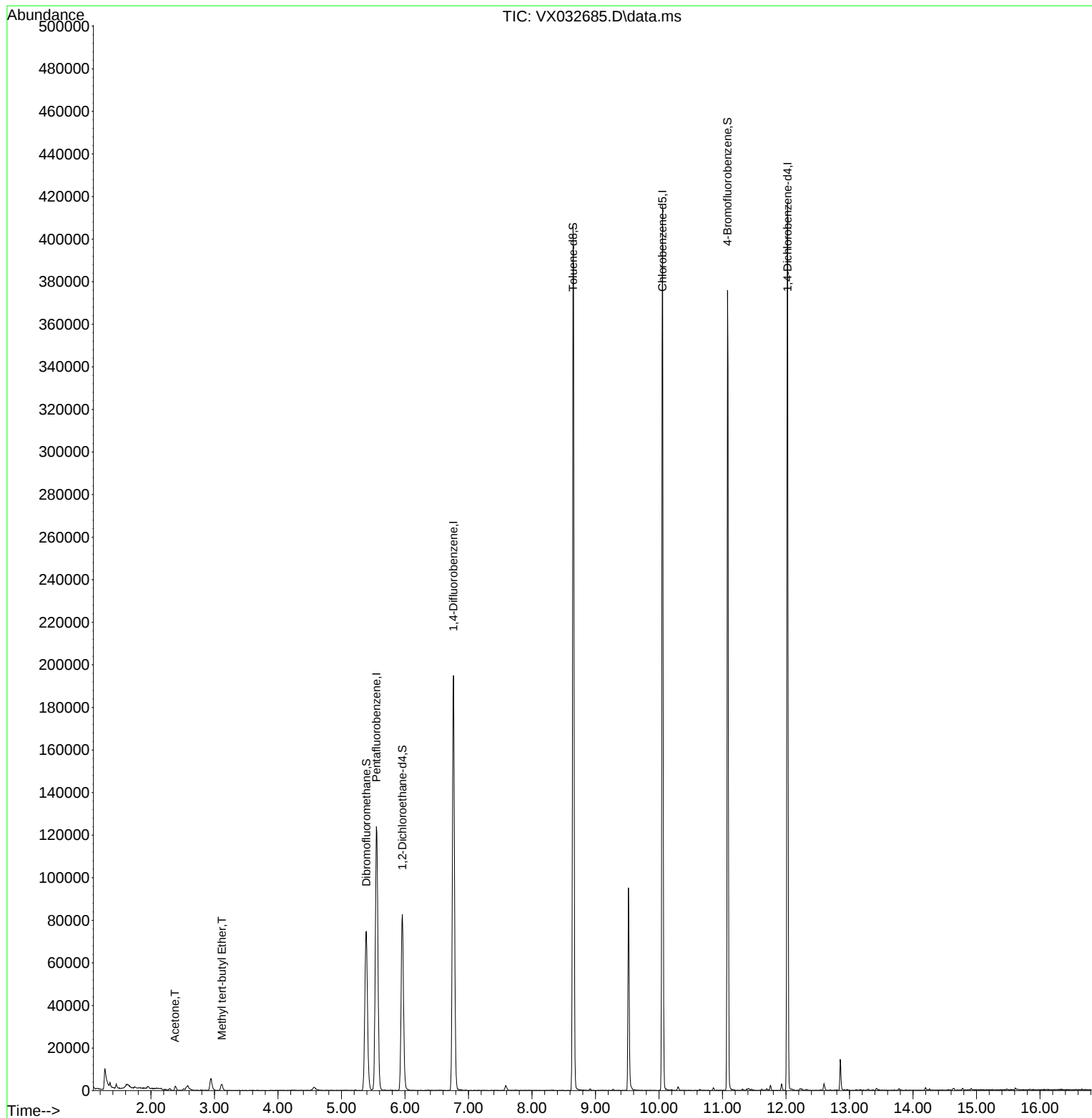
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.550  | 168   | 118658   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 196108   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 177731   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 84791    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 82629    | 50.117   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =      | 100.240% |
| 35) Dibromofluoromethane    | 5.391  | 113   | 63979    | 45.737   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 91.480%  |
| 50) Toluene-d8              | 8.647  | 98    | 238552   | 49.043   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =      | 98.080%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 93563    | 49.242   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 98.480%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.380  | 43    | 2351     | 3.923    | ug/l # | 85       |
| 19) Methyl tert-butyl Ether | 3.117  | 73    | 3038     | 0.726    | ug/l   | 98       |
| -----                       |        |       |          |          |        |          |

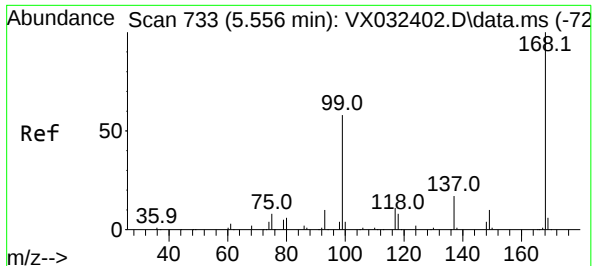
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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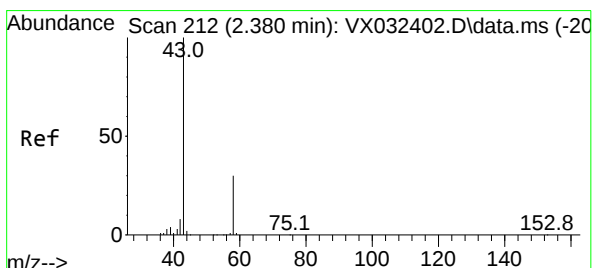
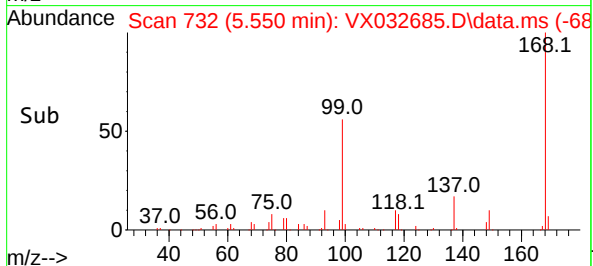
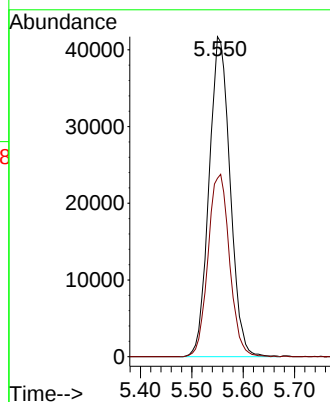
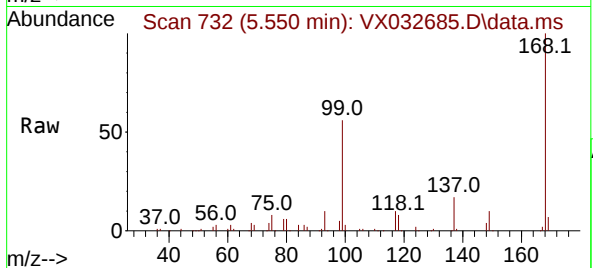




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

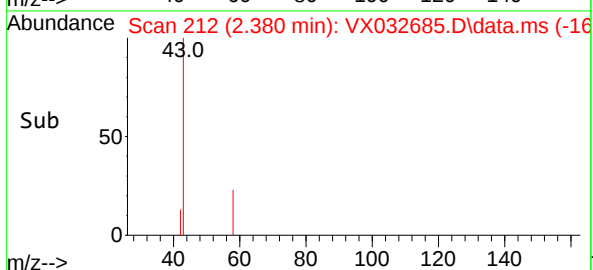
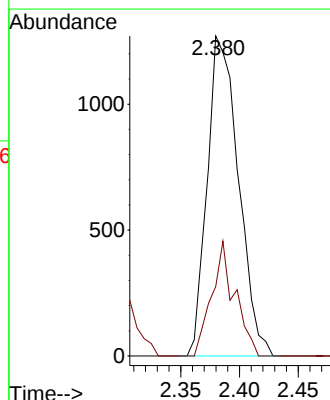
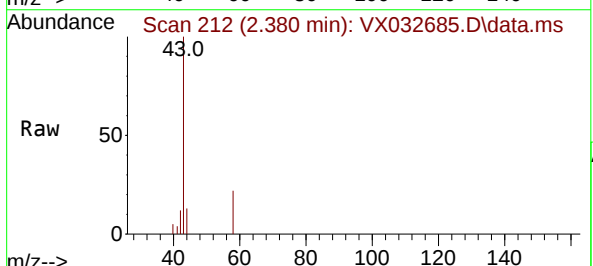
Instrument :  
MSVOA\_X  
ClientSampleId :  
AUD-1896-TOTE

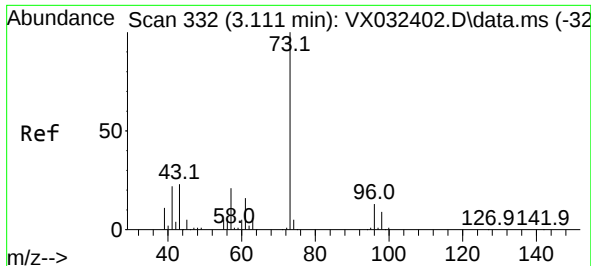
Tgt Ion:168 Resp: 118658  
Ion Ratio Lower Upper  
168 100  
99 55.8 46.1 69.1



#16  
Acetone  
Concen: 3.923 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

Tgt Ion: 43 Resp: 2351  
Ion Ratio Lower Upper  
43 100  
58 21.7 23.8 35.8#





#19

Methyl tert-butyl Ether

Concen: 0.726 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX032685.D

Acq: 09 Nov 2022 17:24

Instrument :

MSVOA\_X

ClientSampleId :

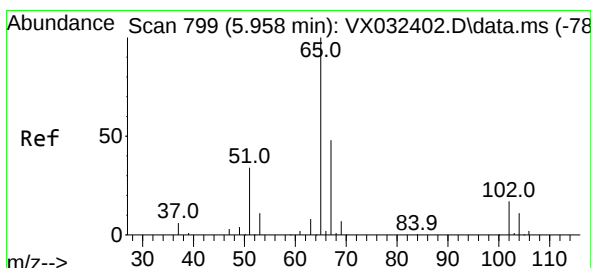
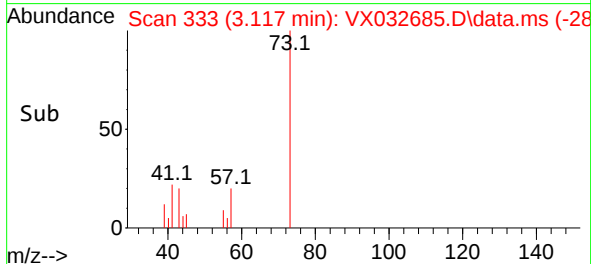
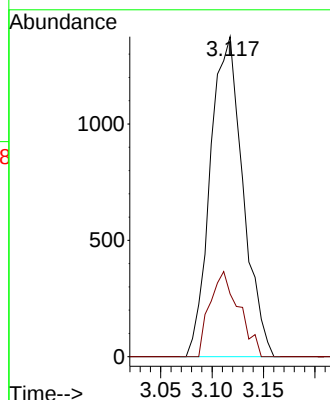
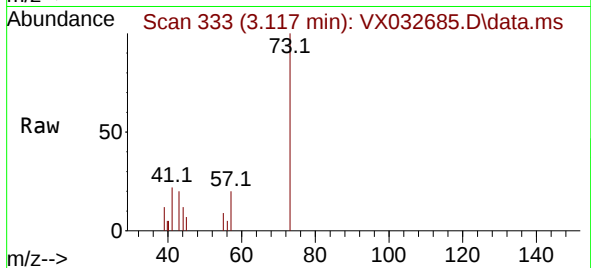
AUD-1896-TOTE

Tgt Ion: 73 Resp: 3038

Ion Ratio Lower Upper

73 100

57 19.6 16.6 25.0



#33

1,2-Dichloroethane-d4

Concen: 50.117 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX032685.D

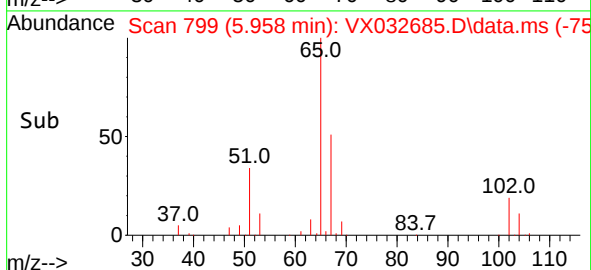
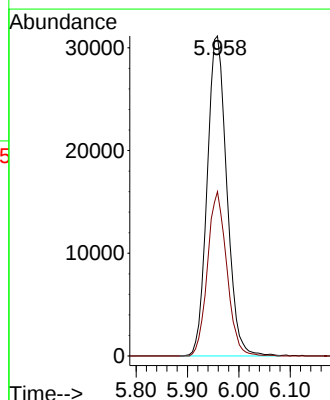
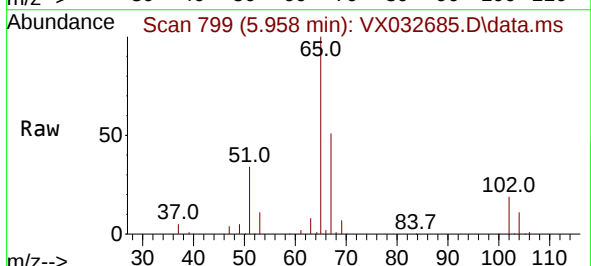
Acq: 09 Nov 2022 17:24

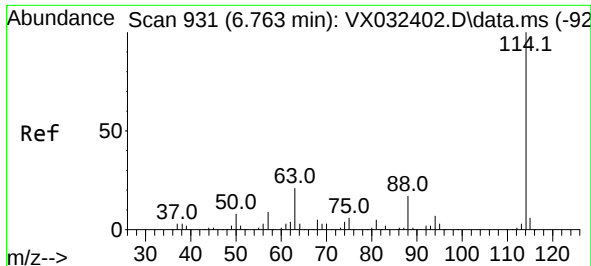
Tgt Ion: 65 Resp: 82629

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8

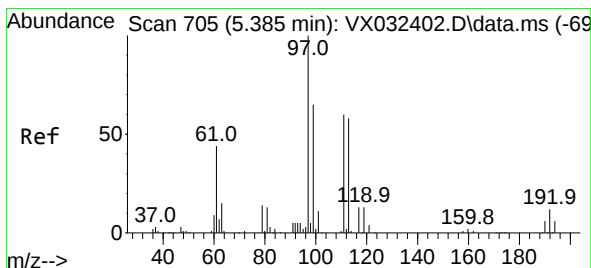
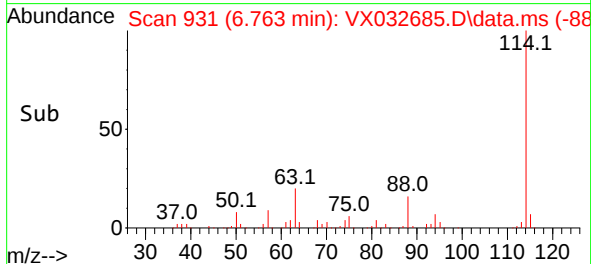
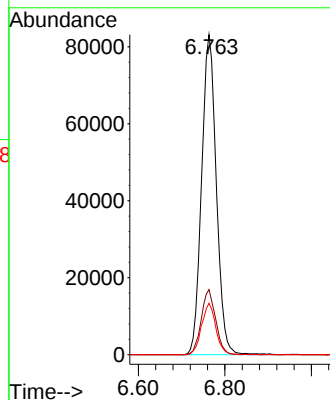
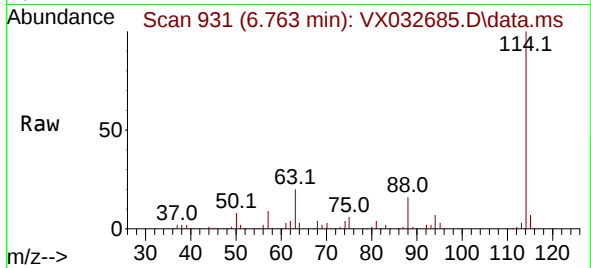




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

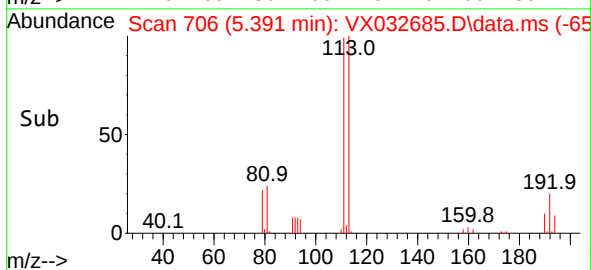
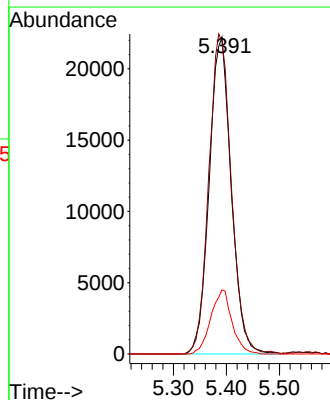
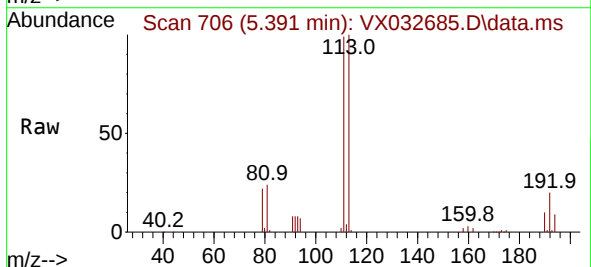
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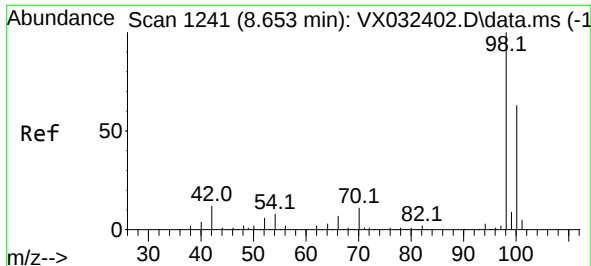
Tgt Ion:114 Resp: 196108  
Ion Ratio Lower Upper  
114 100  
63 20.3 0.0 41.6  
88 16.0 0.0 33.4



#35  
Dibromofluoromethane  
Concen: 45.737 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

Tgt Ion:113 Resp: 63979  
Ion Ratio Lower Upper  
113 100  
111 102.6 82.4 123.6  
192 19.5 15.4 23.2

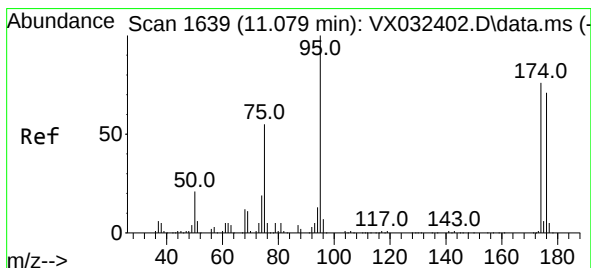
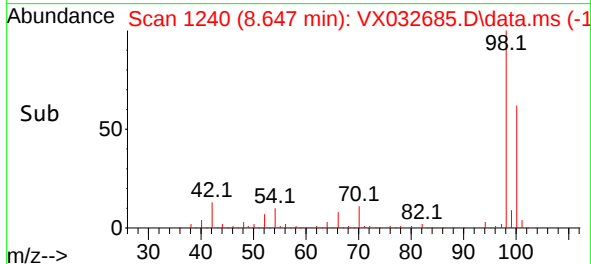
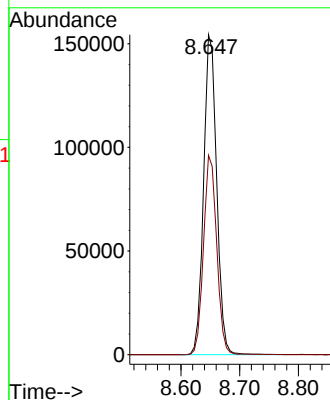
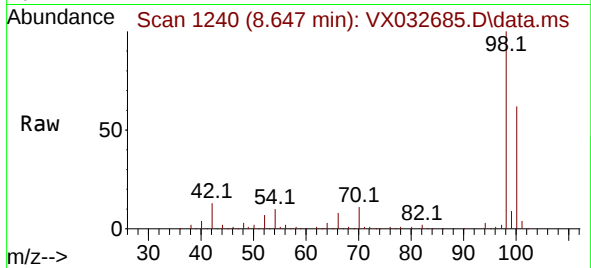




#50  
Toluene-d8  
Concen: 49.043 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

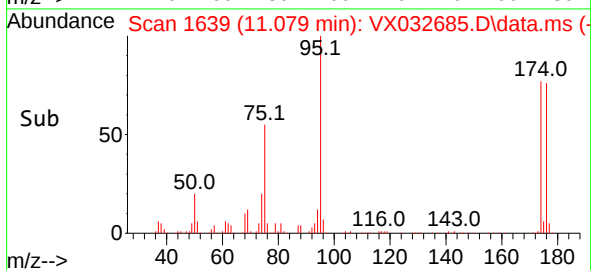
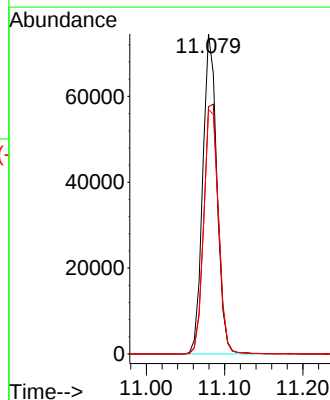
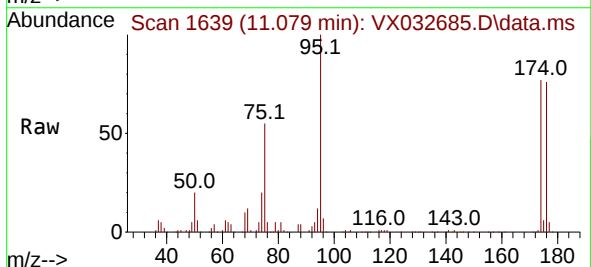
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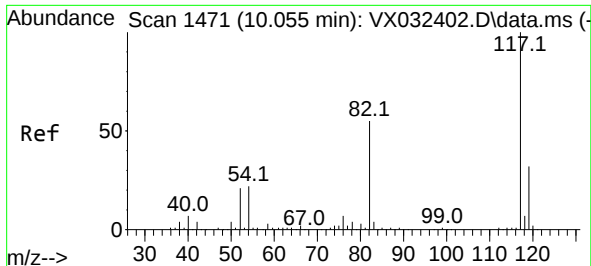
Tgt Ion: 98 Resp: 238552  
Ion Ratio Lower Upper  
98 100  
100 63.0 50.9 76.3



#62  
4-Bromofluorobenzene  
Concen: 49.242 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

Tgt Ion: 95 Resp: 93563  
Ion Ratio Lower Upper  
95 100  
174 81.0 0.0 164.0  
176 79.9 0.0 154.4

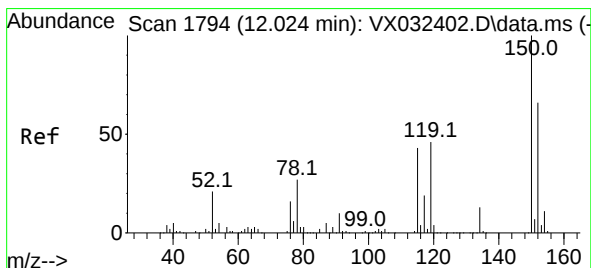
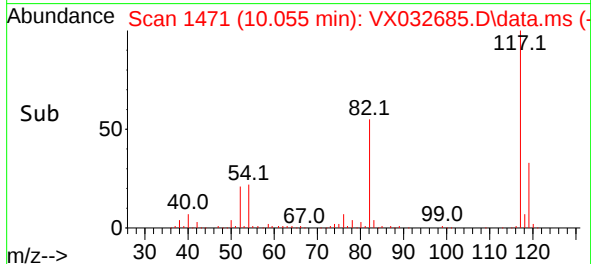
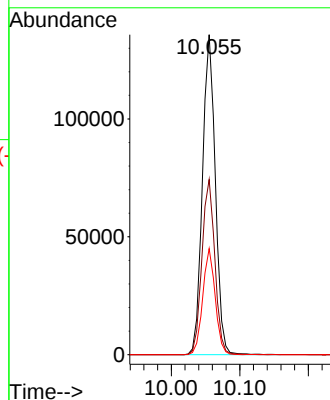
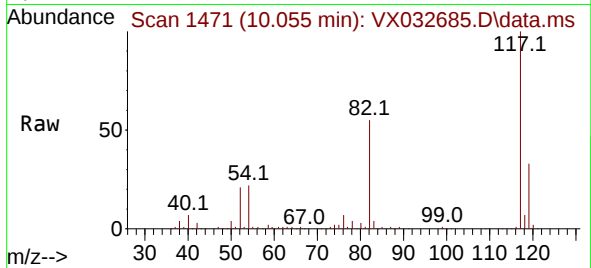




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

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MSVOA\_X  
ClientSampleId :  
AUD-1896-TOTE

Tgt Ion:117 Resp: 177731  
Ion Ratio Lower Upper  
117 100  
82 54.8 44.3 66.5  
119 33.1 25.7 38.5



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX032685.D  
Acq: 09 Nov 2022 17:24

Tgt Ion:152 Resp: 84791  
Ion Ratio Lower Upper  
152 100  
115 61.3 44.0 132.0  
150 158.6 0.0 351.8

