

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112321\  
 Data File : VX025272.D  
 Acq On : 23 Nov 2021 14:21  
 Operator : JC/MD  
 Sample : M4801-02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT-TB-20211119

Quant Time: Nov 23 15:22:45 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

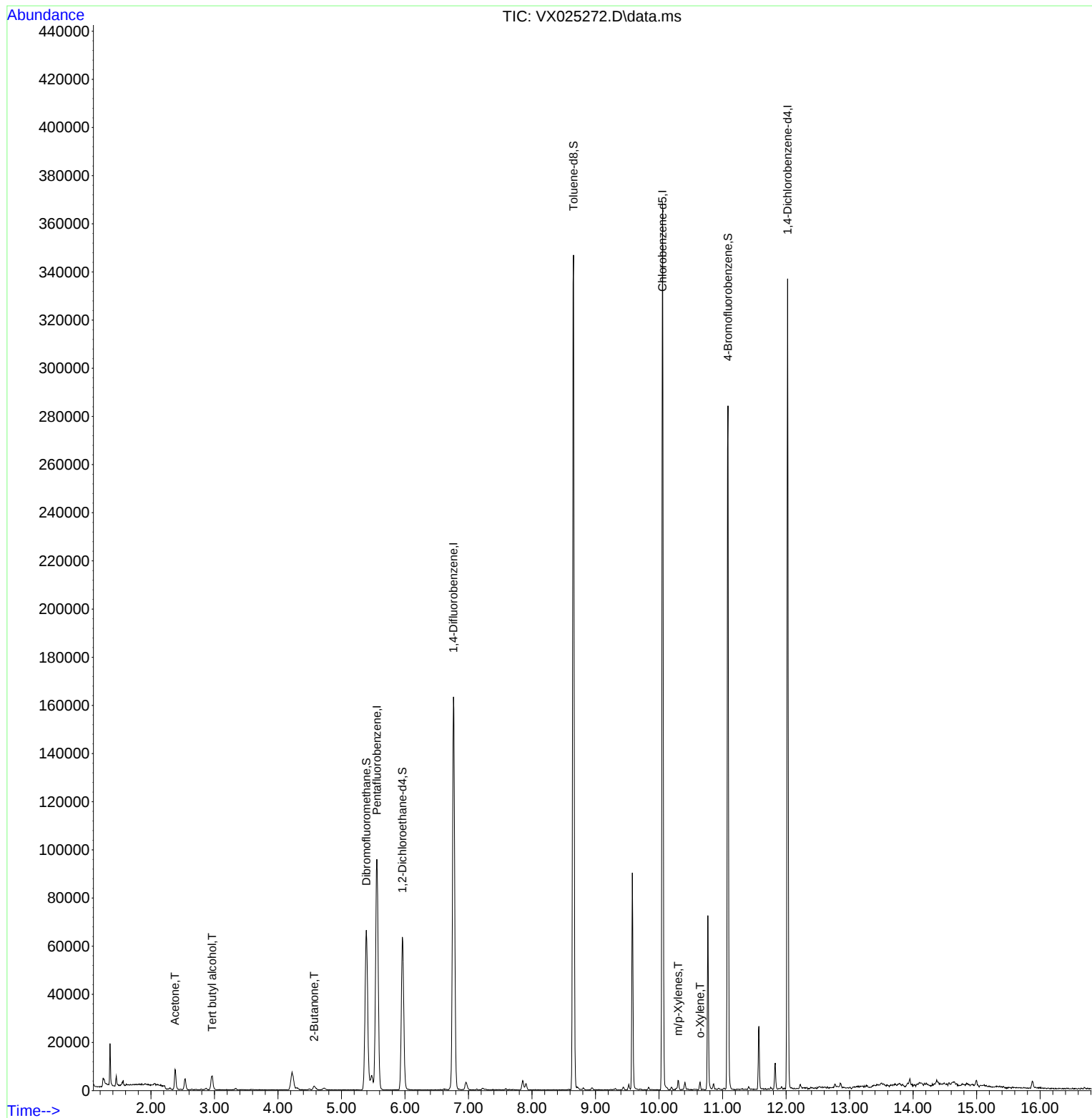
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 100149   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 177047   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 167557   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 71992    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 58112    | 55.049   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 110.100% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 57156    | 52.615   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 105.240% |          |
| 50) Toluene-d8              | 8.653     | 98    | 208867   | 51.138   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 102.280% |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 77213    | 49.971   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 99.940%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 2.965     | 59    | 7419     | 20.193   | ug/l       | 99       |
| 16) Acetone                 | 2.380     | 43    | 8571     | 14.612   | ug/l       | 90       |
| 25) 2-Butanone              | 4.568     | 43    | 2522     | 2.974    | ug/l       | 94       |
| 68) m/p-Xylenes             | 10.299    | 106   | 1001     | 0.415    | ug/l       | 90       |
| 69) o-Xylene                | 10.646    | 106   | 741      | 0.314    | ug/l       | 94       |
| -----                       |           |       |          |          |            |          |

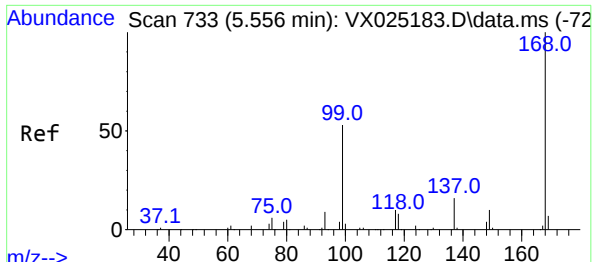
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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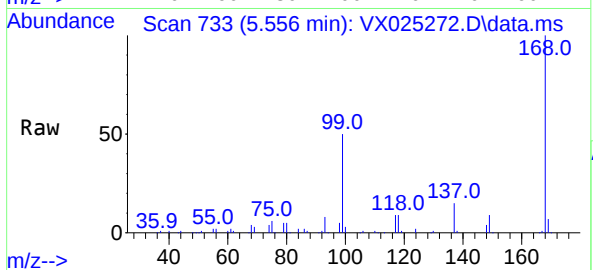
Quant Time: Nov 23 15:22:45 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
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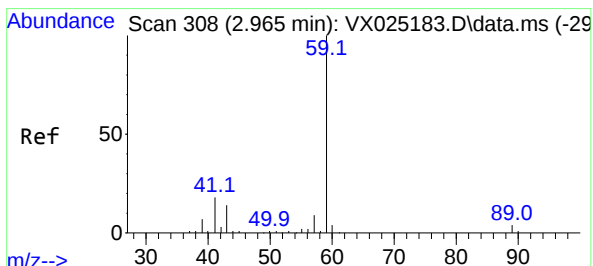
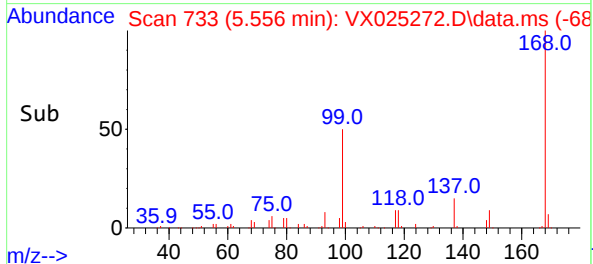
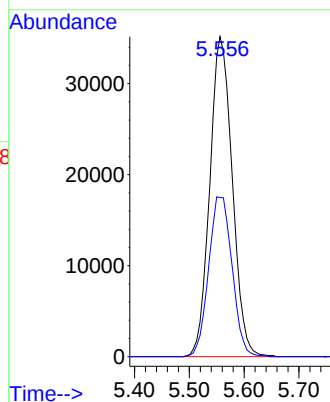


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

Instrument :  
MSVOA\_X  
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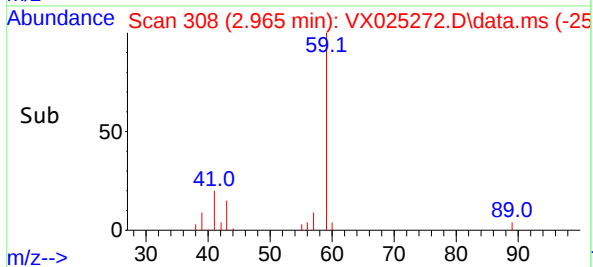
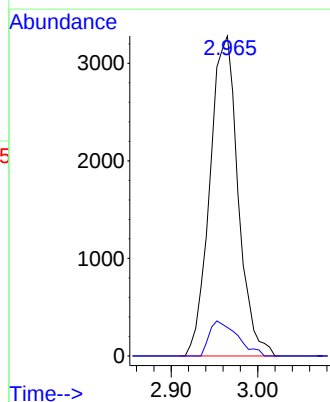
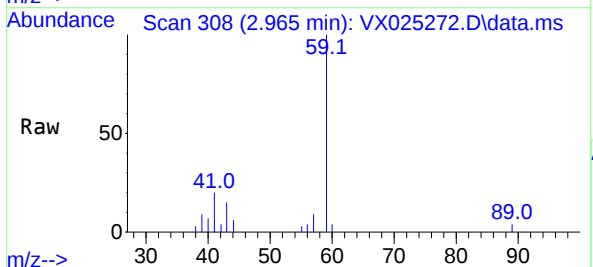


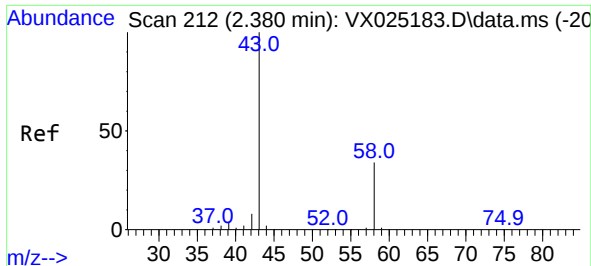
Tgt Ion:168 Resp: 100149  
Ion Ratio Lower Upper  
168 100  
99 49.7 46.4 69.6



#11  
Tert butyl alcohol  
Concen: 20.193 ug/l  
RT: 2.965 min Scan# 308  
Delta R.T. -0.000 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

Tgt Ion: 59 Resp: 7419  
Ion Ratio Lower Upper  
59 100  
57 10.9 8.5 12.7

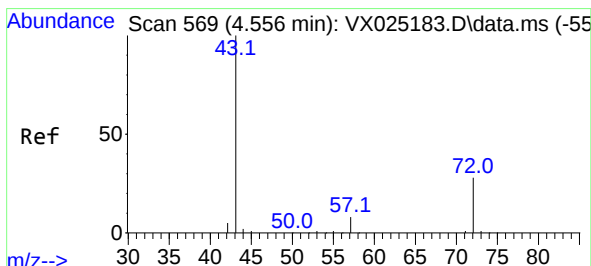
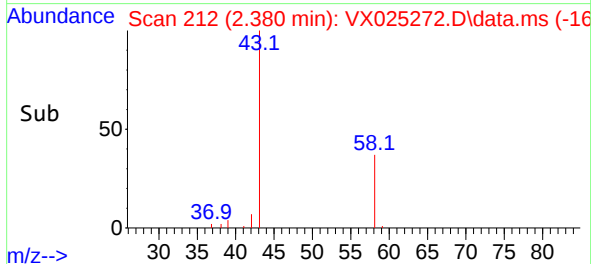
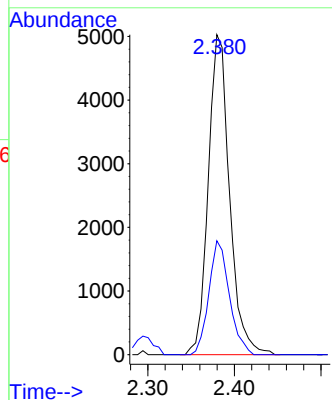
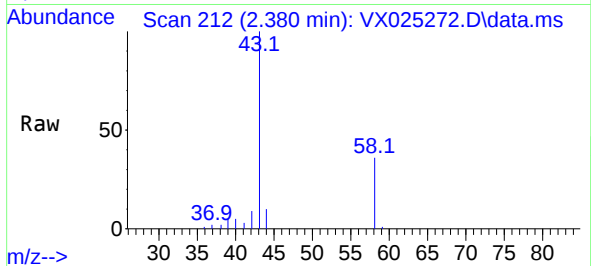




#16  
Acetone  
Concen: 14.612 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

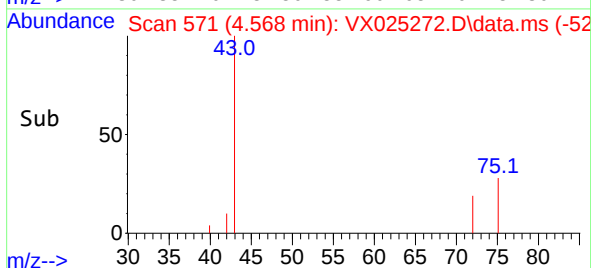
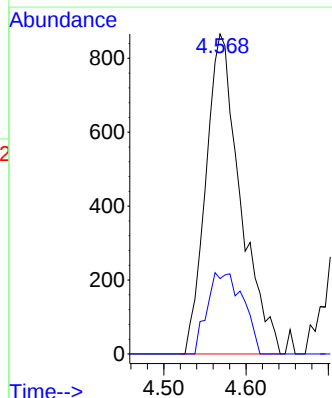
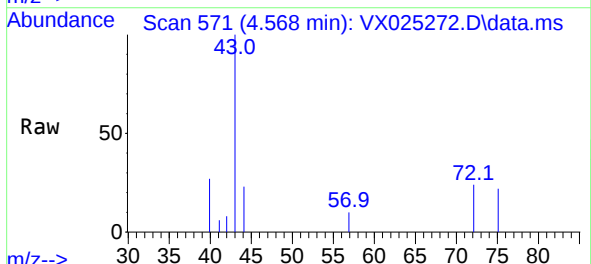
Instrument :  
MSVOA\_X  
ClientSampleId :  
TT-TB-20211119

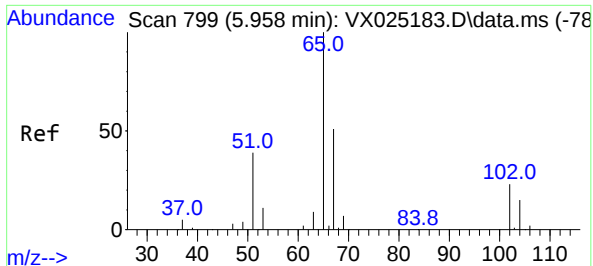
Tgt Ion: 43 Resp: 8571  
Ion Ratio Lower Upper  
43 100  
58 35.6 24.0 36.0



#25  
2-Butanone  
Concen: 2.974 ug/l  
RT: 4.568 min Scan# 571  
Delta R.T. 0.012 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

Tgt Ion: 43 Resp: 2522  
Ion Ratio Lower Upper  
43 100  
72 23.6 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 55.049 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX025272.D

Acq: 23 Nov 2021 14:21

Instrument :

MSVOA\_X

ClientSampleId :

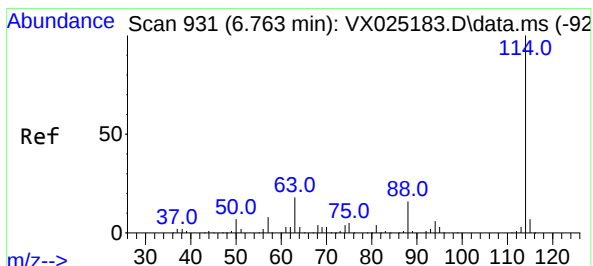
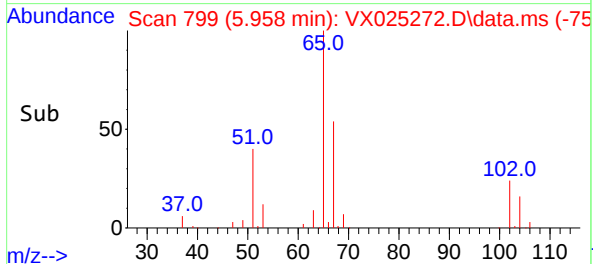
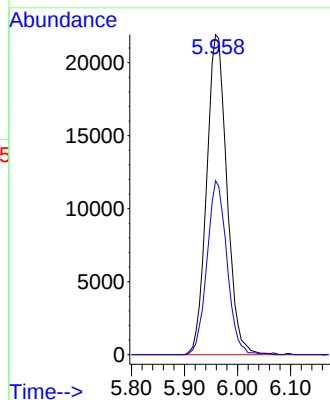
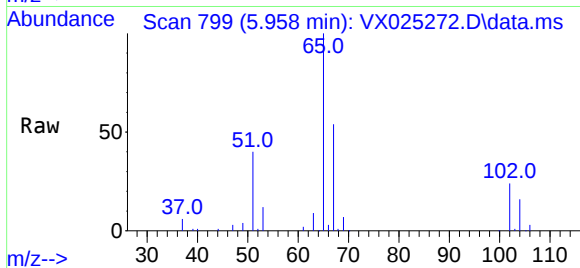
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Tgt Ion: 65 Resp: 58112

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX025272.D

Acq: 23 Nov 2021 14:21

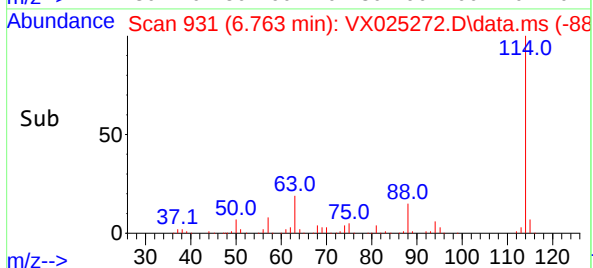
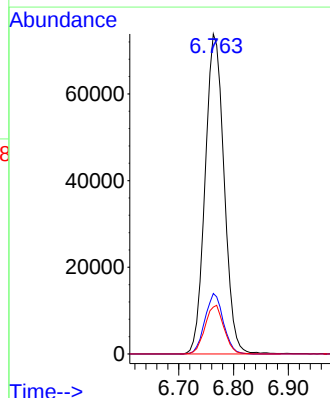
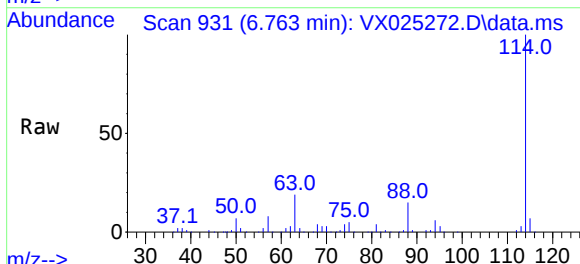
Tgt Ion: 114 Resp: 177047

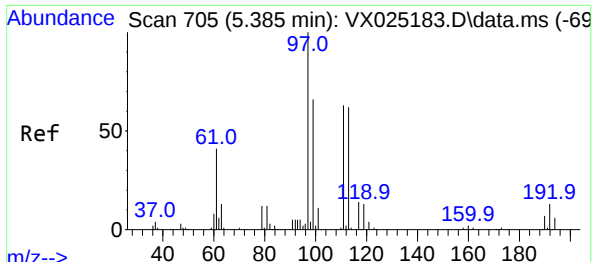
Ion Ratio Lower Upper

114 100

63 18.9 0.0 41.0

88 14.7 0.0 34.8





#35

Dibromofluoromethane

Concen: 52.615 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX025272.D

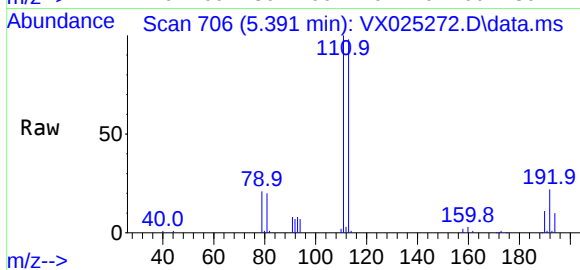
Acq: 23 Nov 2021 14:21

Instrument :

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ClientSampleId :

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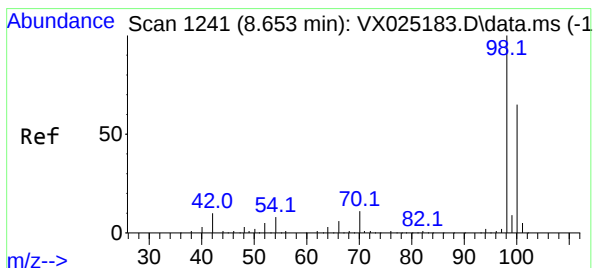
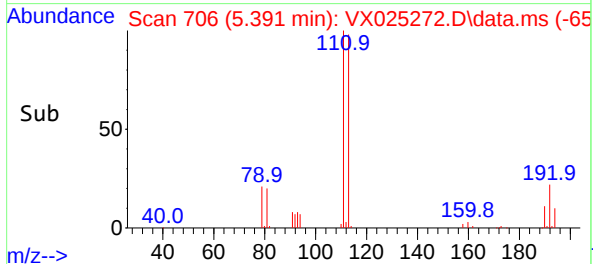
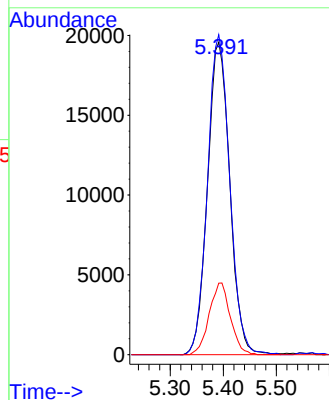
Tgt Ion:113 Resp: 57156

Ion Ratio Lower Upper

113 100

111 102.1 82.1 123.1

192 21.8 15.6 23.4



#50

Toluene-d8

Concen: 51.138 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX025272.D

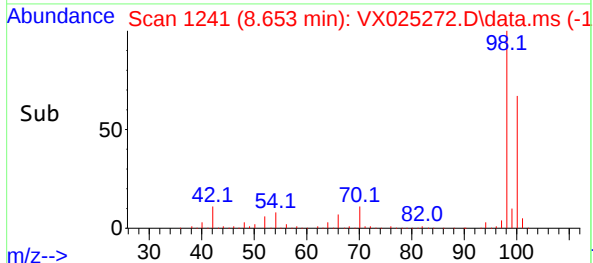
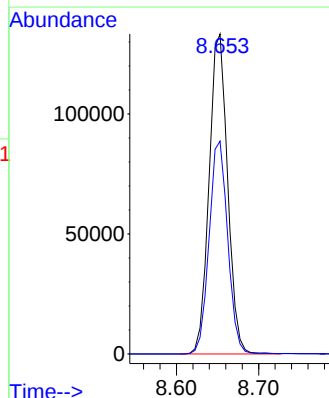
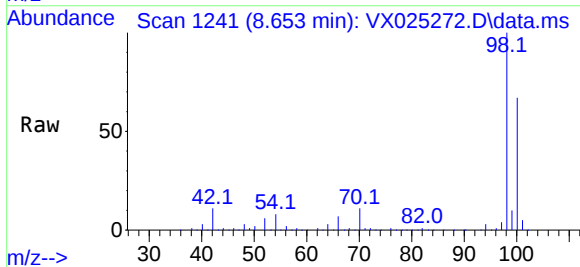
Acq: 23 Nov 2021 14:21

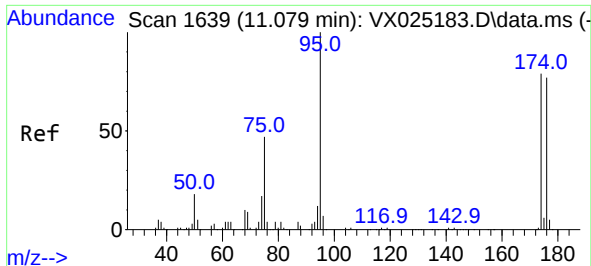
Tgt Ion: 98 Resp: 208867

Ion Ratio Lower Upper

98 100

100 66.9 51.4 77.0

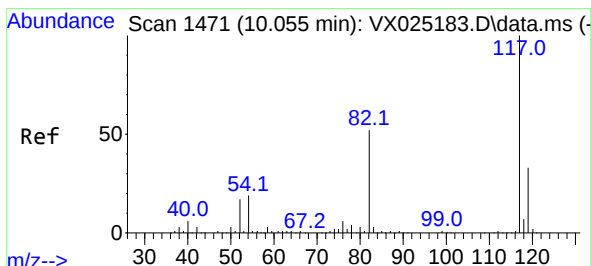
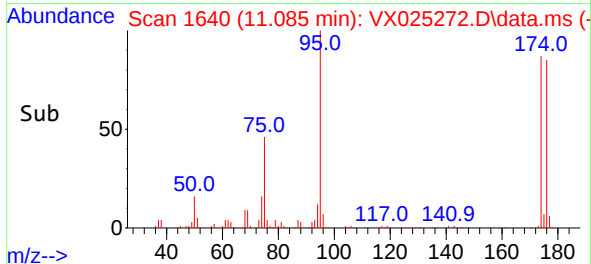
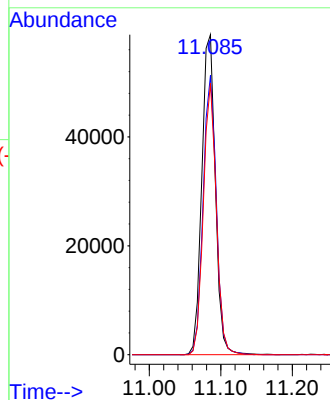
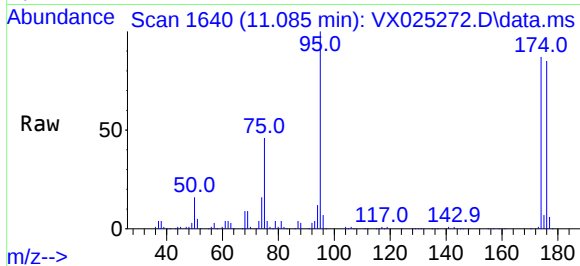




#62  
4-Bromofluorobenzene  
Concen: 49.971 ug/l  
RT: 11.085 min Scan# 1  
Delta R.T. 0.006 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

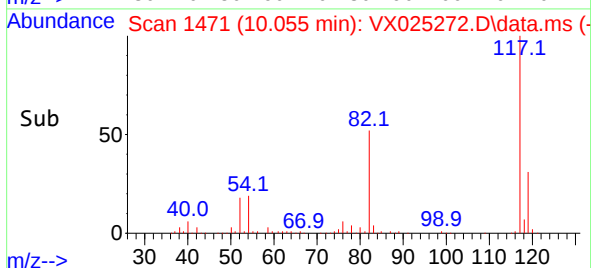
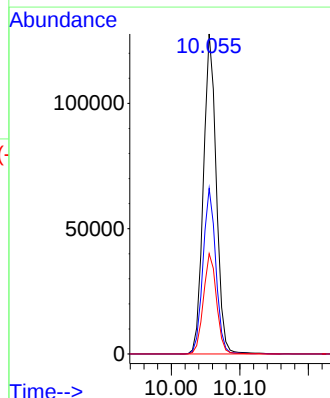
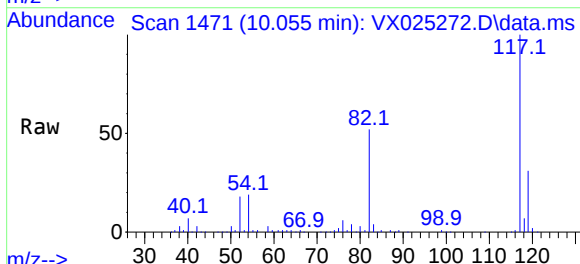
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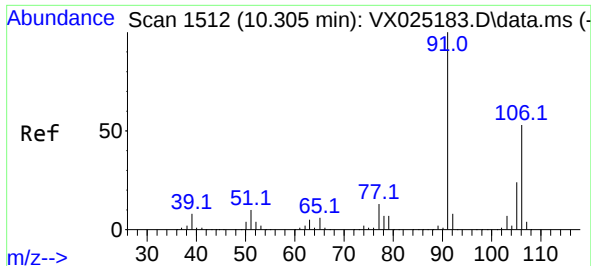
Tgt Ion: 95 Resp: 77213  
Ion Ratio Lower Upper  
95 100  
174 85.2 0.0 158.0  
176 81.4 0.0 153.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

Tgt Ion: 117 Resp: 167557  
Ion Ratio Lower Upper  
117 100  
82 51.8 44.6 67.0  
119 31.3 24.8 37.2

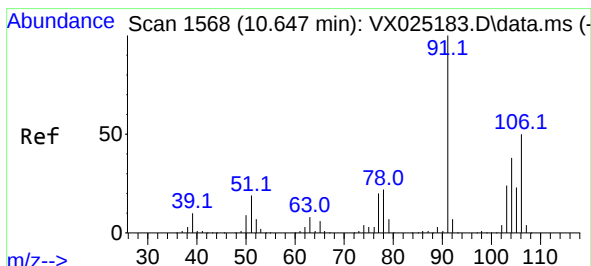
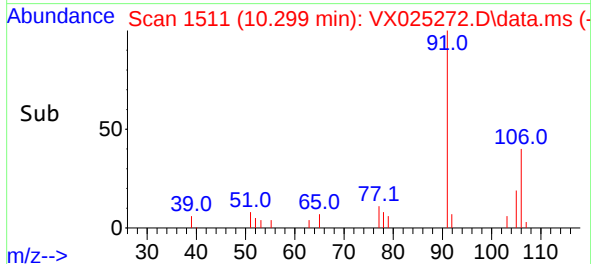
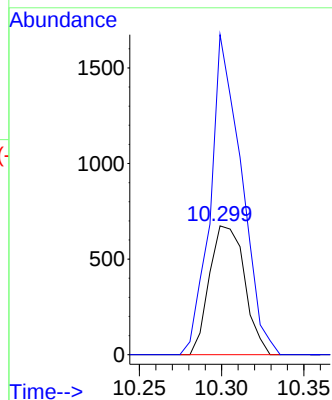
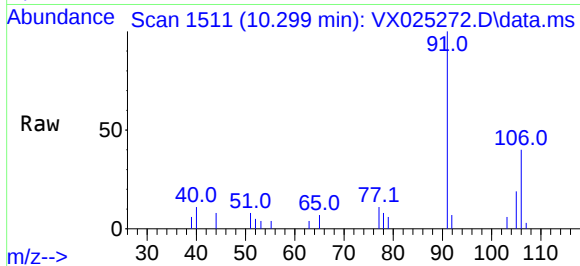




#68  
m/p-Xylenes  
Concen: 0.415 ug/l  
RT: 10.299 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

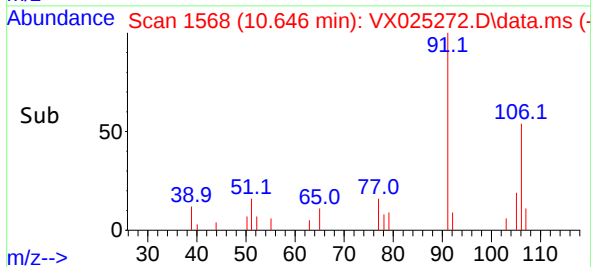
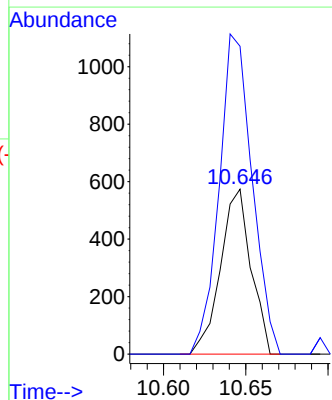
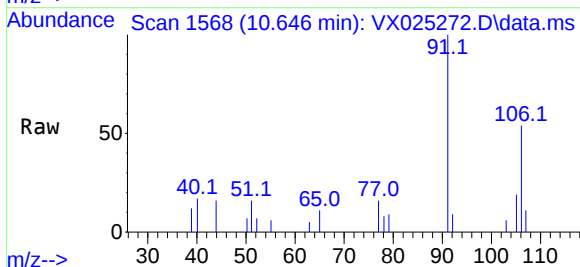
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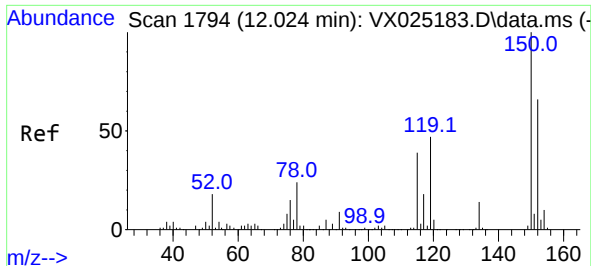
Tgt Ion:106 Resp: 1001  
Ion Ratio Lower Upper  
106 100  
91 219.9 163.4 245.0



#69  
o-Xylene  
Concen: 0.314 ug/l  
RT: 10.646 min Scan# 1568  
Delta R.T. -0.001 min  
Lab File: VX025272.D  
Acq: 23 Nov 2021 14:21

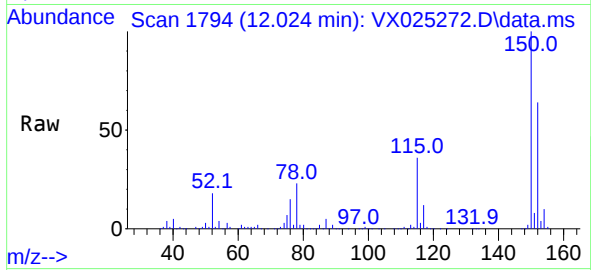
Tgt Ion:106 Resp: 741  
Ion Ratio Lower Upper  
106 100  
91 209.9 109.5 328.4





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX025272.D  
 Acq: 23 Nov 2021 14:21

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TT-TB-20211119



Tgt Ion:152 Resp: 71992  
 Ion Ratio Lower Upper  
 152 100  
 115 56.6 43.3 129.8  
 150 156.8 0.0 351.2

