

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120121\  
 Data File : VX025407.D  
 Acq On : 01 Dec 2021 12:51  
 Operator : JC/MD  
 Sample : M4866-14  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 40469

Quant Time: Dec 02 08:27:09 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

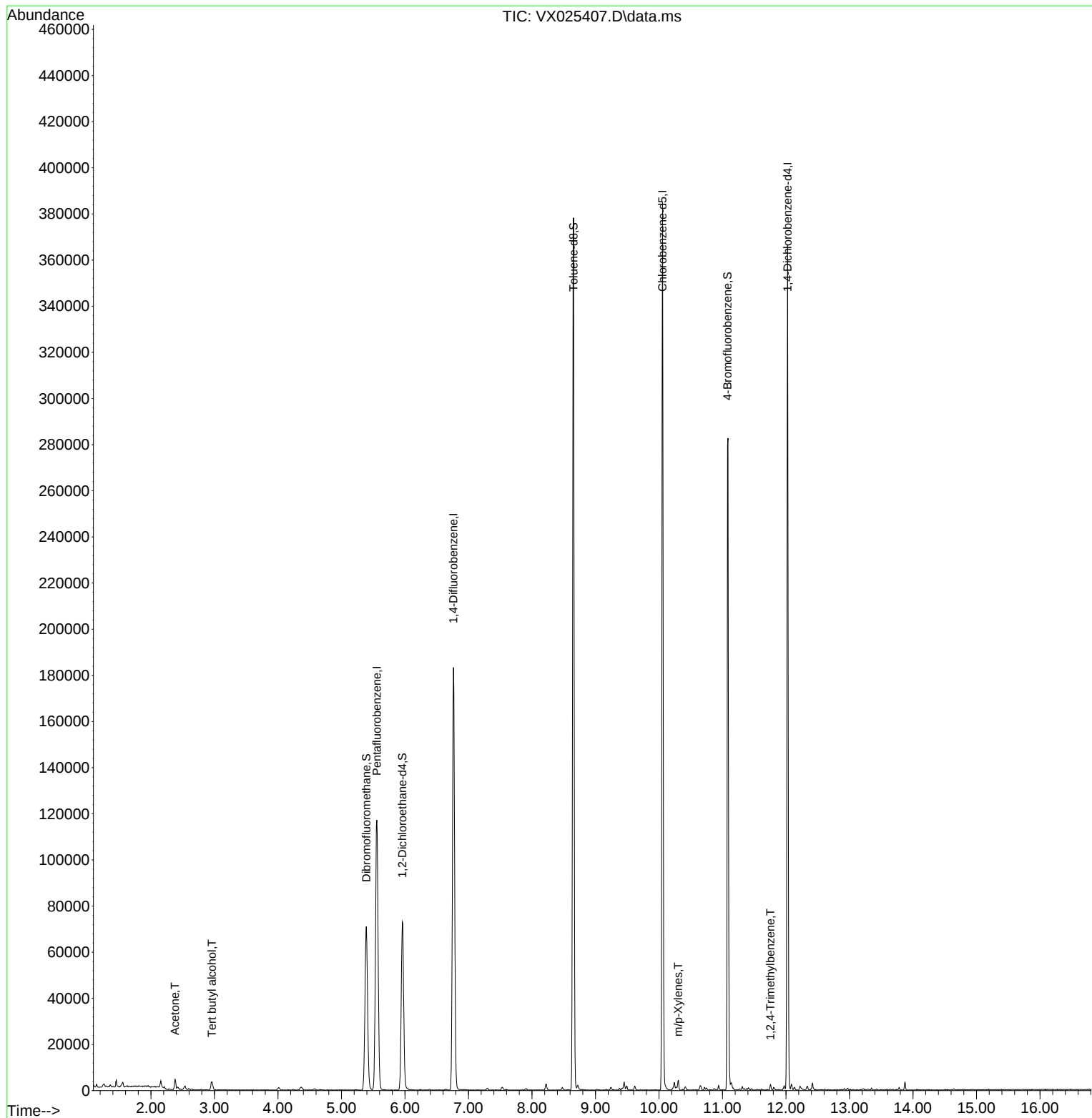
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 120718   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 197241   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 175894   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 78545    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 68390    | 53.747   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 107.500% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 60642    | 50.109   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 100.220% |          |
| 50) Toluene-d8              | 8.653     | 98    | 227293   | 49.952   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 99.900%  |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 78175    | 45.414   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 90.820%  |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          | Qvalue     |          |
| 11) Tert butyl alcohol      | 2.959     | 59    | 4456     | 5.409    | ug/l       | 97       |
| 16) Acetone                 | 2.380     | 43    | 4761     | 6.734    | ug/l       | 93       |
| 68) m/p-Xylenes             | 10.299    | 106   | 1070     | 0.423    | ug/l       | 96       |
| 84) 1,2,4-Trimethylbenzene  | 11.756    | 105   | 1151     | 0.247    | ug/l       | 93       |
| -----                       |           |       |          |          |            |          |

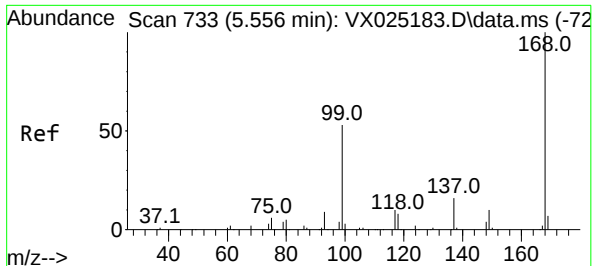
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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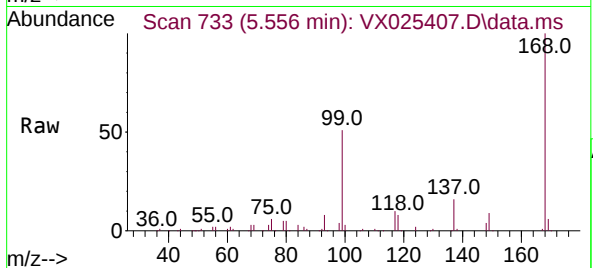
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X111721W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 17 15:36:16 2021  
Response via : Initial Calibration



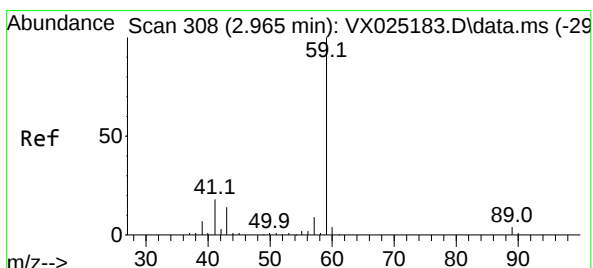
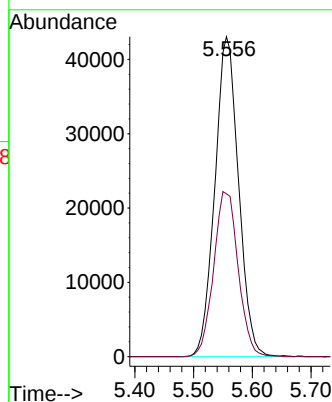
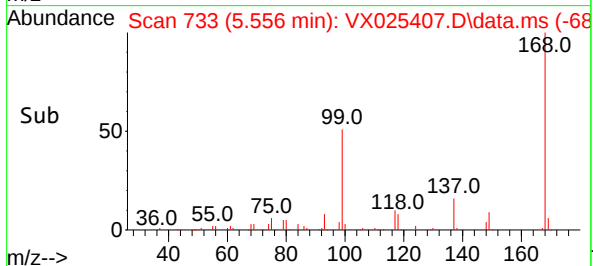


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

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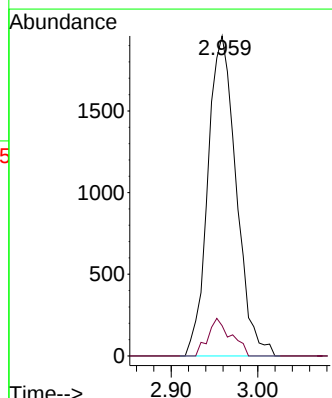
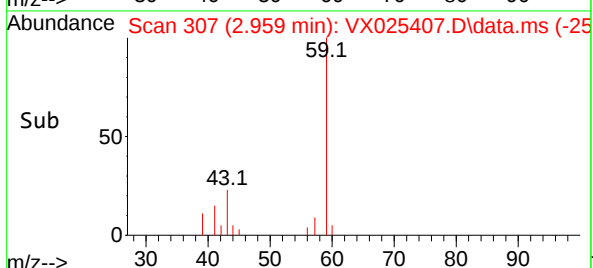
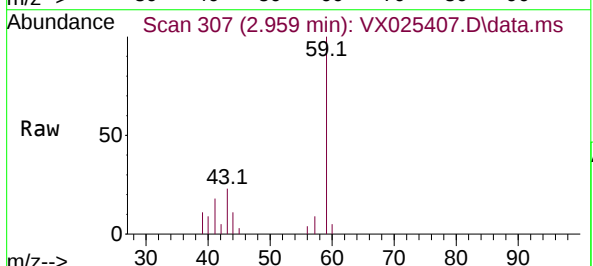


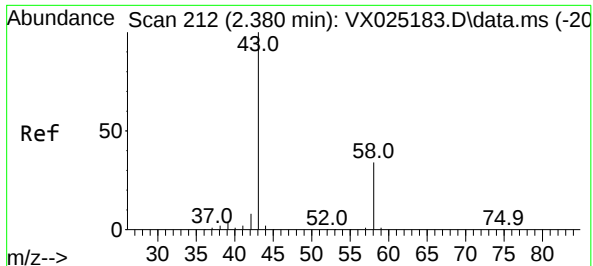
Tgt Ion:168 Resp: 120718  
Ion Ratio Lower Upper  
168 100  
99 50.9 46.4 69.6



#11  
Tert butyl alcohol  
Concen: 5.409 ug/l  
RT: 2.959 min Scan# 307  
Delta R.T. -0.006 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

Tgt Ion: 59 Resp: 4456  
Ion Ratio Lower Upper  
59 100  
57 9.5 8.5 12.7

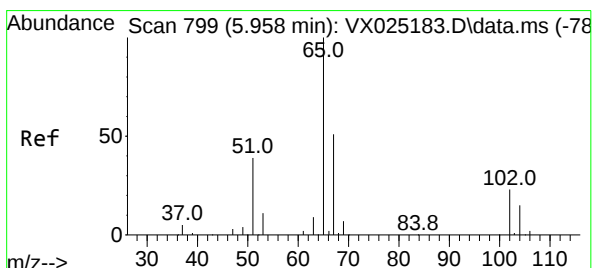
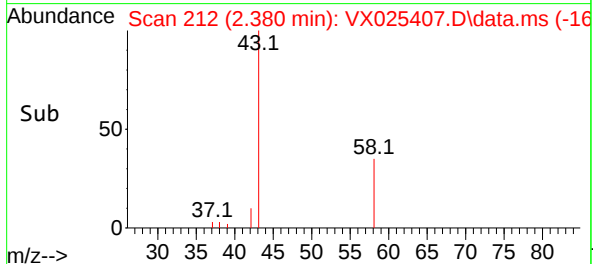
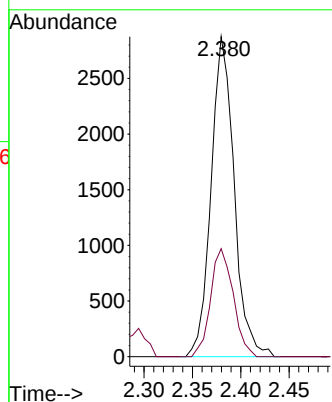
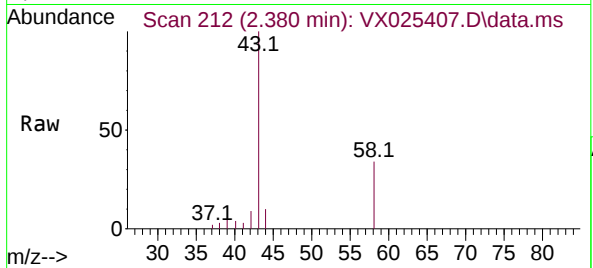




#16  
Acetone  
Concen: 6.734 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

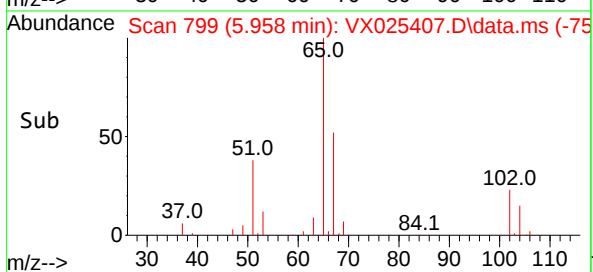
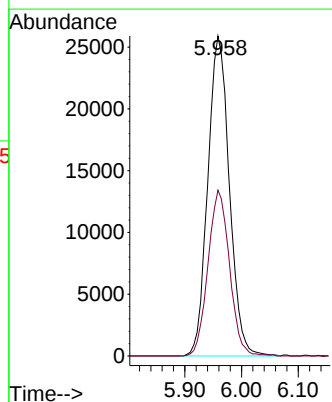
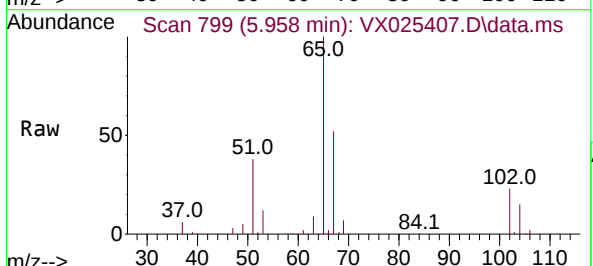
Instrument :  
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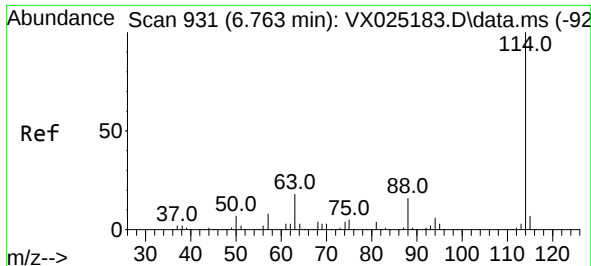
Tgt Ion: 43 Resp: 4761  
Ion Ratio Lower Upper  
43 100  
58 33.7 24.0 36.0



#33  
1,2-Dichloroethane-d4  
Concen: 53.747 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

Tgt Ion: 65 Resp: 68390  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 101.0

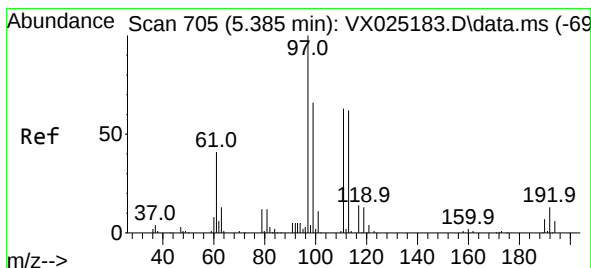
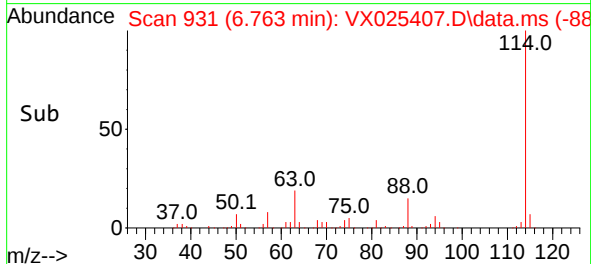
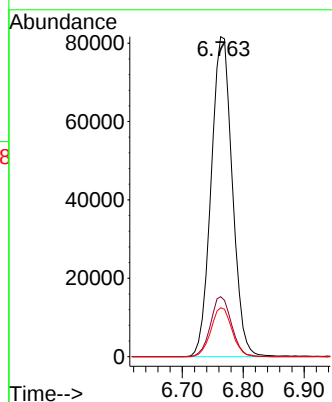
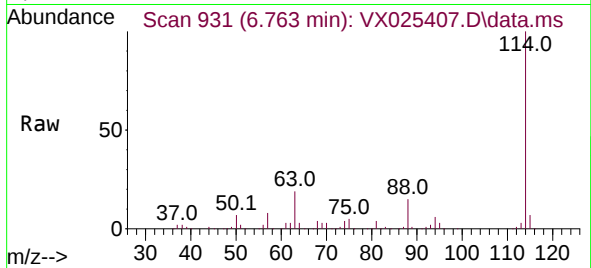




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. 0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

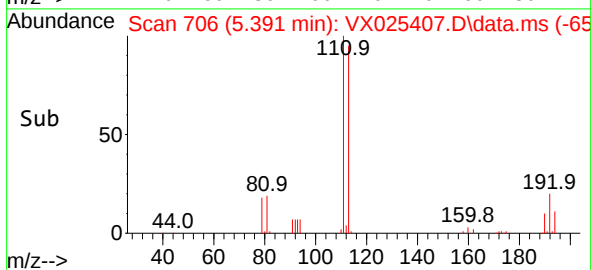
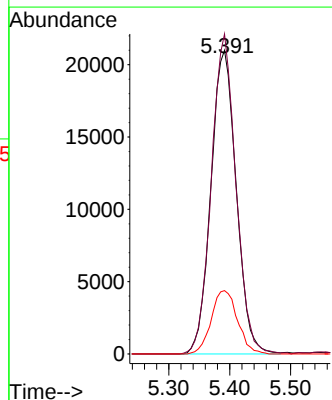
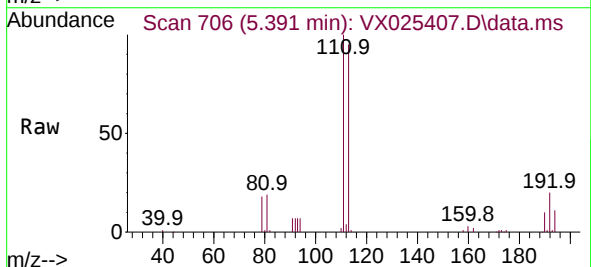
Instrument :  
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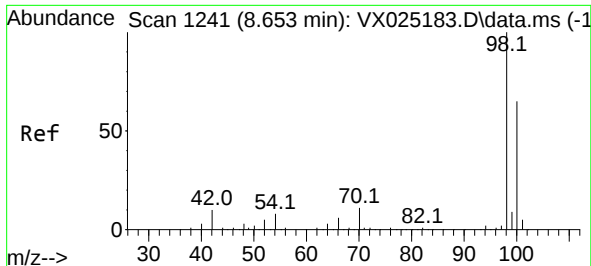
Tgt Ion:114 Resp: 197241  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 41.0  
88 15.3 0.0 34.8



#35  
Dibromofluoromethane  
Concen: 50.109 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

Tgt Ion:113 Resp: 60642  
Ion Ratio Lower Upper  
113 100  
111 102.2 82.1 123.1  
192 21.6 15.6 23.4

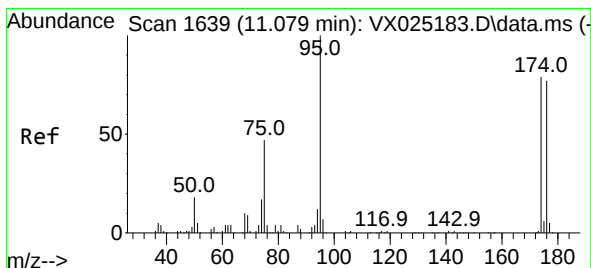
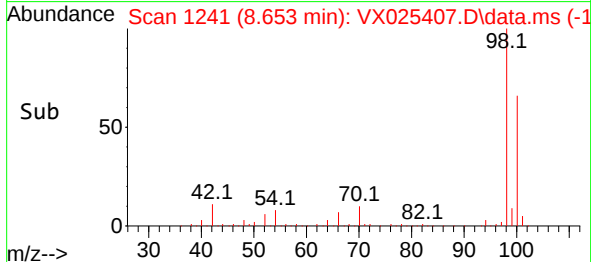
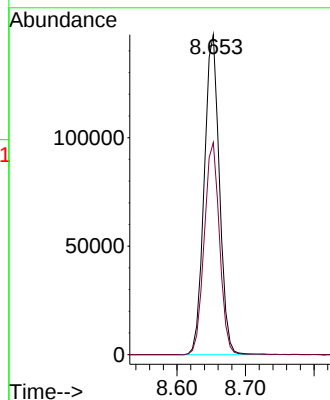
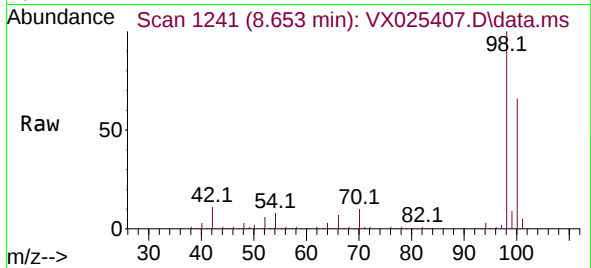




#50  
Toluene-d8  
Concen: 49.952 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

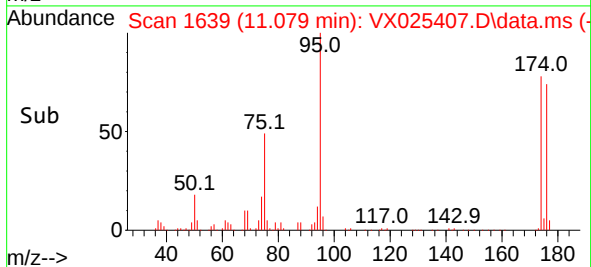
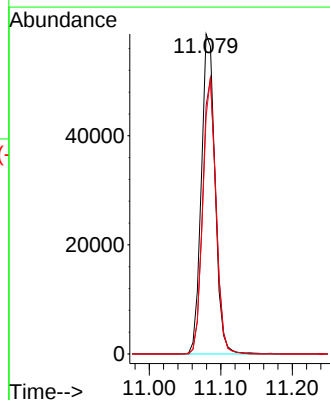
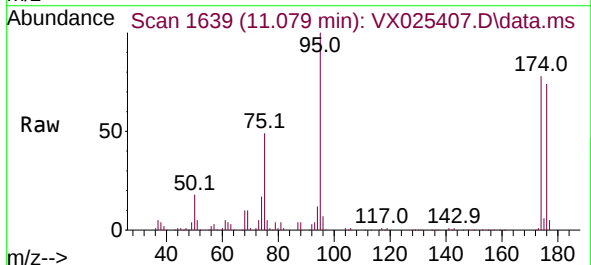
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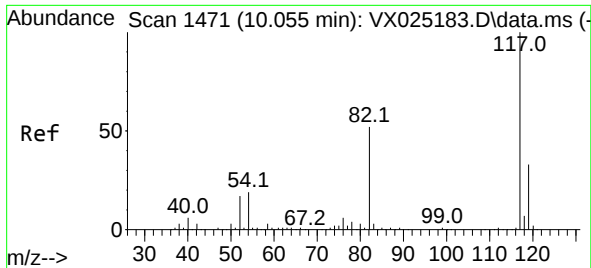
Tgt Ion: 98 Resp: 227293  
Ion Ratio Lower Upper  
98 100  
100 67.0 51.4 77.0



#62  
4-Bromofluorobenzene  
Concen: 45.414 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

Tgt Ion: 95 Resp: 78175  
Ion Ratio Lower Upper  
95 100  
174 84.4 0.0 158.0  
176 82.6 0.0 153.6

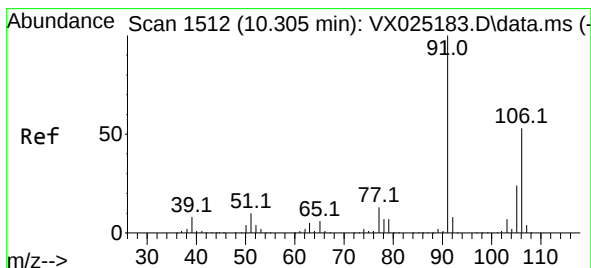
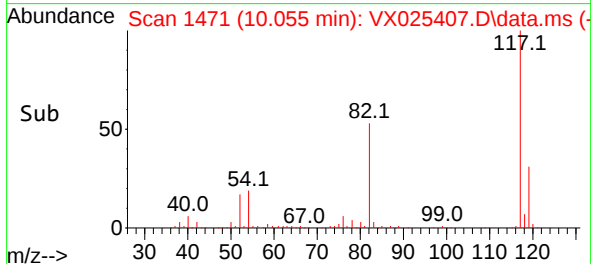
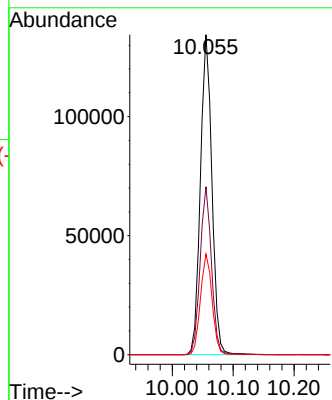
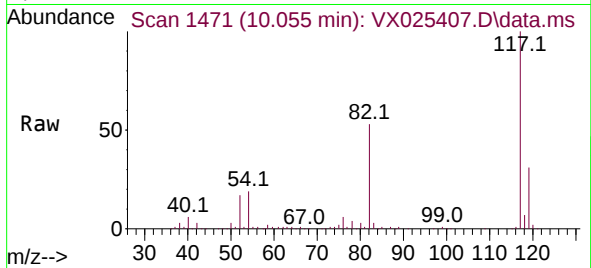




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

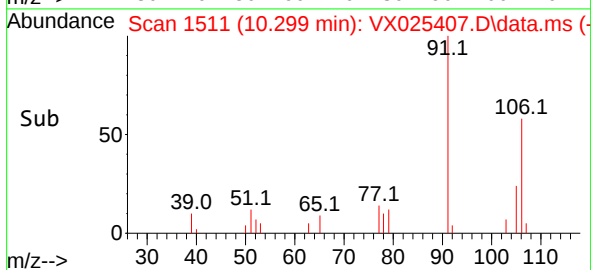
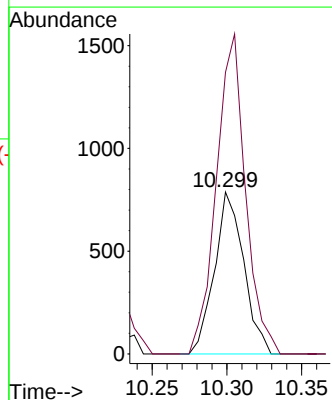
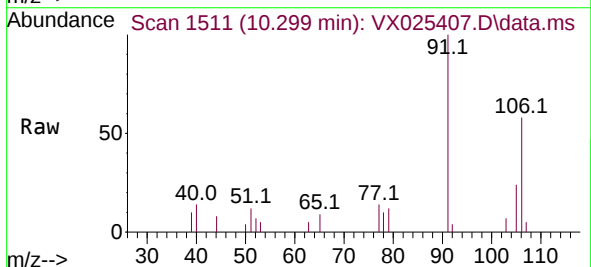
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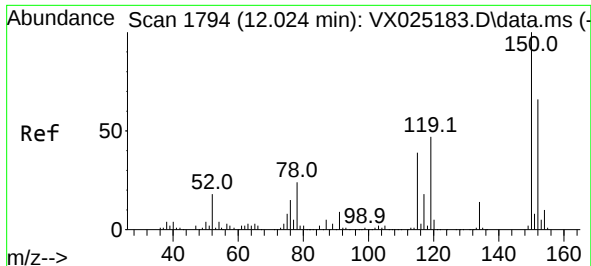
Tgt Ion:117 Resp: 175894  
Ion Ratio Lower Upper  
117 100  
82 52.5 44.6 67.0  
119 31.5 24.8 37.2



#68  
m/p-Xylenes  
Concen: 0.423 ug/l  
RT: 10.299 min Scan# 1511  
Delta R.T. -0.006 min  
Lab File: VX025407.D  
Acq: 01 Dec 2021 12:51

Tgt Ion:106 Resp: 1070  
Ion Ratio Lower Upper  
106 100  
91 197.4 163.4 245.0

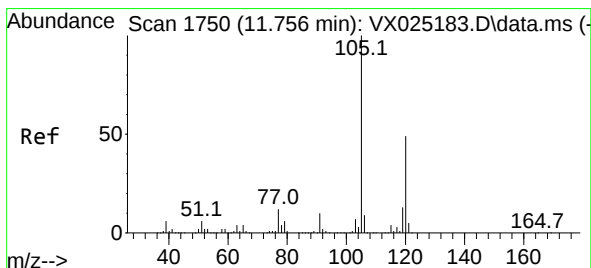
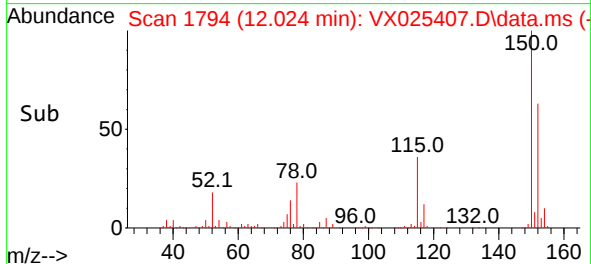
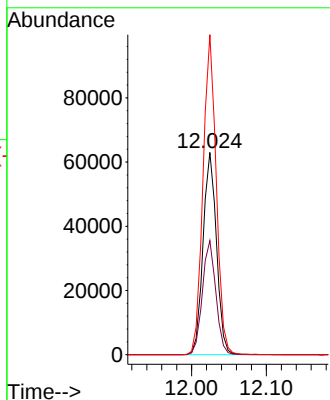
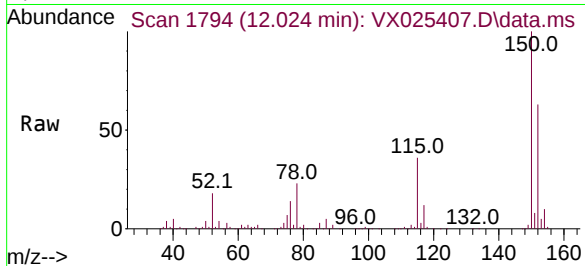




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX025407.D  
 Acq: 01 Dec 2021 12:51

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 78545  
 Ion Ratio Lower Upper  
 152 100  
 115 56.5 43.3 129.8  
 150 155.9 0.0 351.2



#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.247 ug/l  
 RT: 11.756 min Scan# 1750  
 Delta R.T. 0.000 min  
 Lab File: VX025407.D  
 Acq: 01 Dec 2021 12:51

Tgt Ion:105 Resp: 1151  
 Ion Ratio Lower Upper  
 105 100  
 120 39.5 22.1 66.3

