

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX112524\  
 Data File : VX043983.D  
 Acq On : 25 Nov 2024 13:53  
 Operator : JC/MD  
 Sample : P4846-16DL 10X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 FSND-MW-EVAL-01D-20241113DL

Quant Time: Nov 26 03:54:11 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Nov 22 03:45:52 2024  
 Response via : Initial Calibration

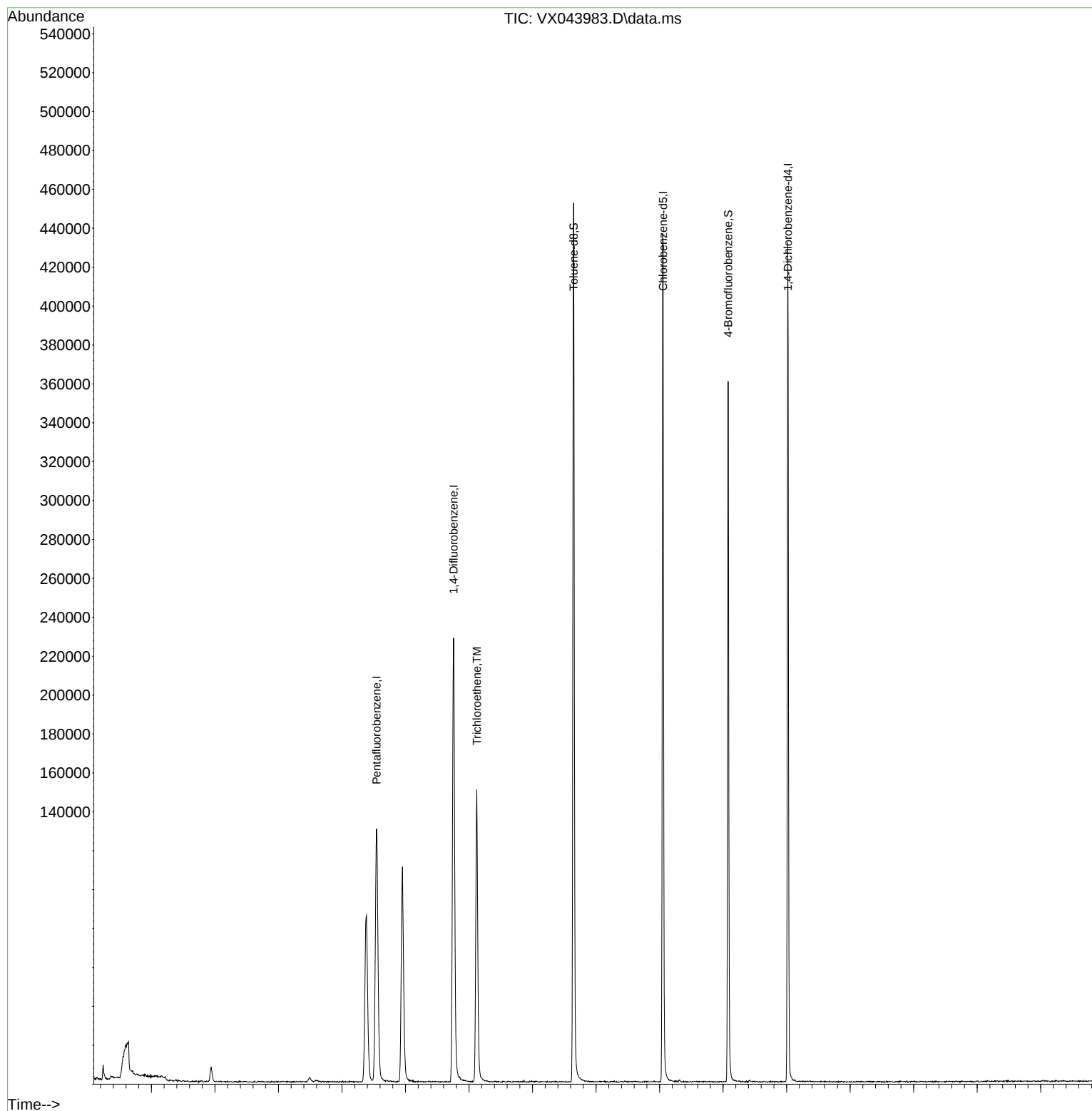
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.544  | 168   | 113736   | 50.000   | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 225557   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 194624   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.018 | 152   | 82992    | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 103045   | 52.823   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 105.640% |
| 35) Dibromofluoromethane    | 5.385  | 113   | 75384    | 46.772   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 93.540%  |
| 50) Toluene-d8              | 8.647  | 98    | 270166   | 48.628   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 97.260%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 92171    | 48.748   | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =     | 97.500%  |
| Target Compounds            |        |       |          |          |       |          |
| 27) cis-1,2-Dichloroethene  | 4.495  | 96    | 1398     | 0.836    | ug/l  | 83       |
| 44) Trichloroethene         | 7.123  | 130   | 54163    | 30.583   | ug/l  | 99       |
| -----                       |        |       |          |          |       |          |

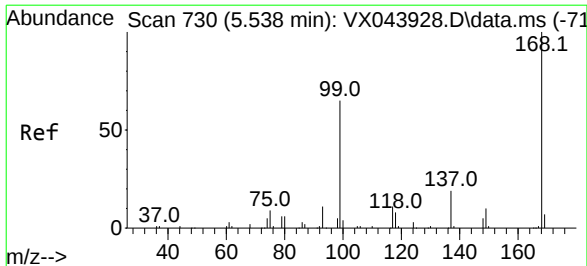
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA\_X  
ClientSampleId :  
FSND-MW-EVAL-01D-20241113DL

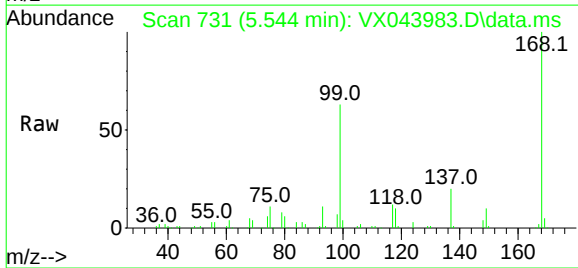
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X112124W.M  
Quant Title : SW846 8260  
QLast Update : Fri Nov 22 03:45:52 2024  
Response via : Initial Calibration



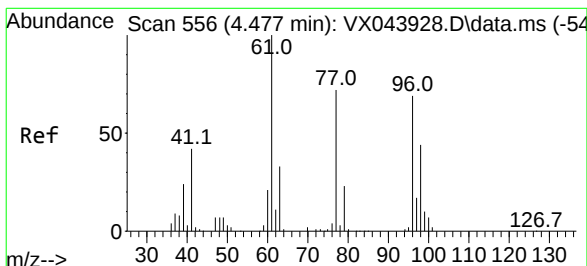
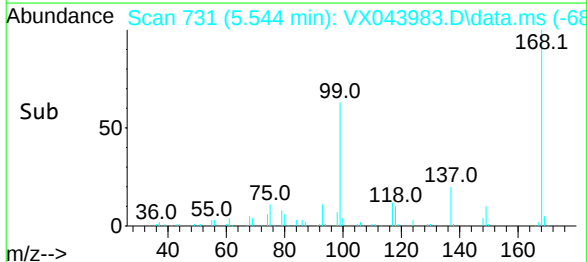
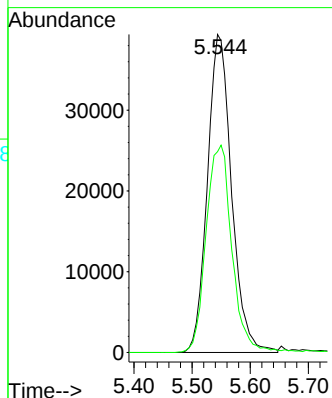


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 731  
Delta R.T. 0.006 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-EVAL-01D-20241113DL

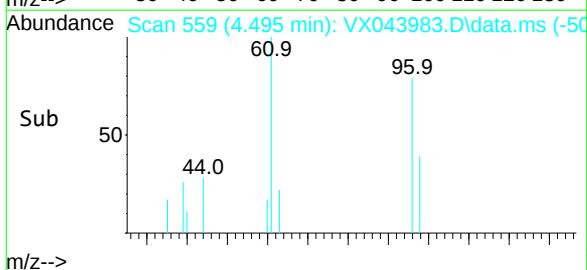
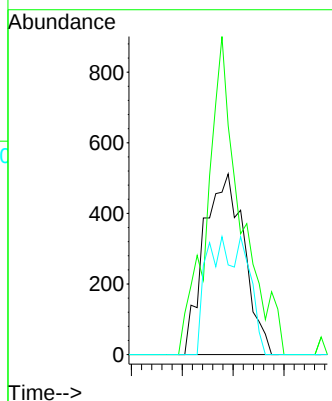
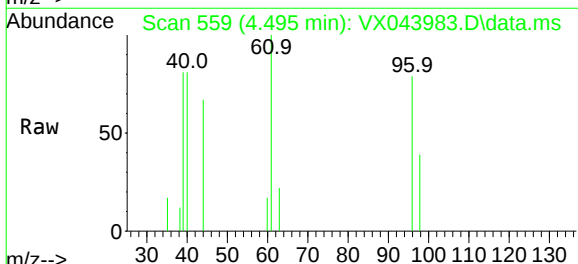


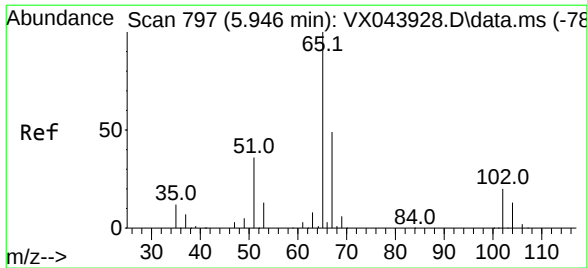
Tgt Ion:168 Resp: 113736  
Ion Ratio Lower Upper  
168 100  
99 63.0 51.8 77.8



#27  
cis-1,2-Dichloroethene  
Concen: 0.836 ug/l  
RT: 4.495 min Scan# 559  
Delta R.T. 0.018 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

Tgt Ion: 96 Resp: 1398  
Ion Ratio Lower Upper  
96 100  
61 147.9 0.0 297.4  
98 21.5 0.0 127.8

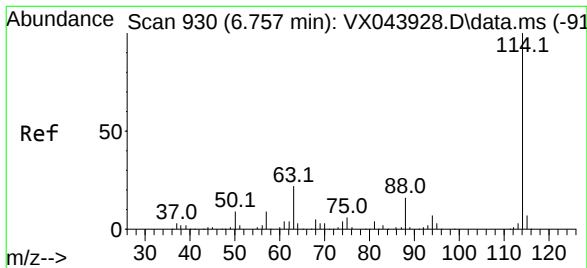
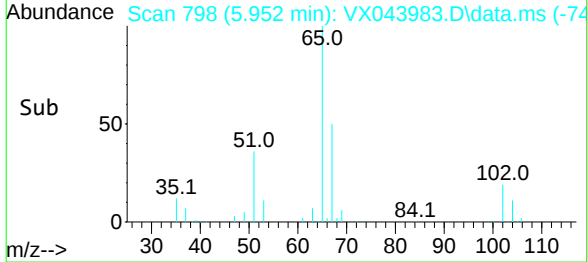
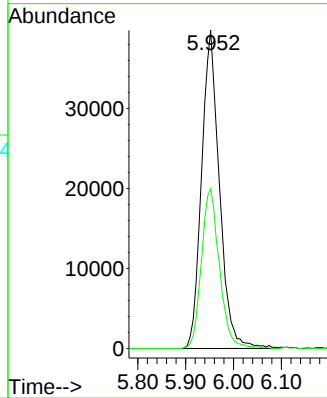
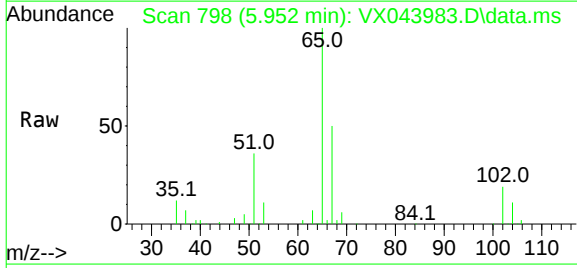




#33  
1,2-Dichloroethane-d4  
Concen: 52.823 ug/l  
RT: 5.952 min Scan# 79  
Delta R.T. 0.006 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

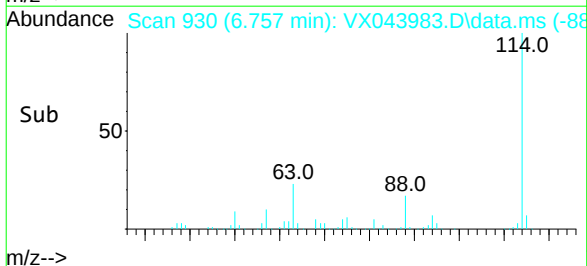
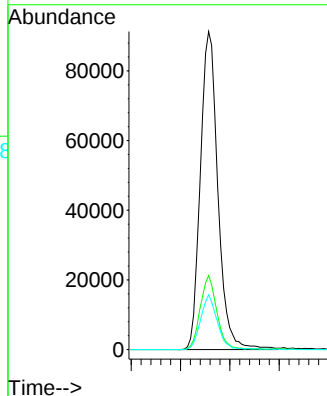
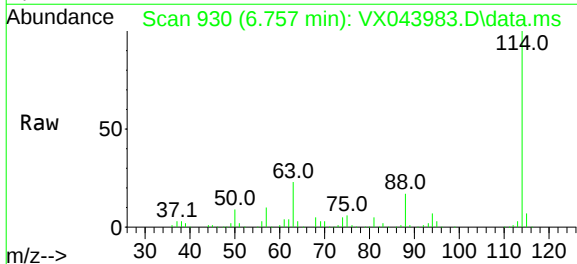
Instrument :  
MSVOA\_X  
ClientSampleId :  
FSND-MW-EVAL-01D-20241113DL

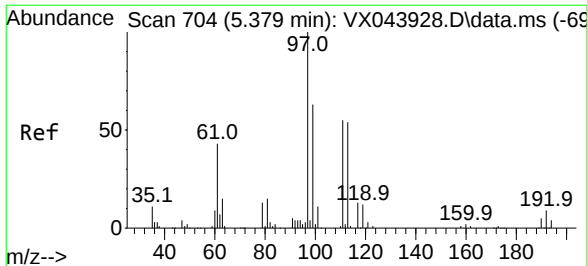
Tgt Ion: 65 Resp: 103045  
Ion Ratio Lower Upper  
65 100  
67 50.6 0.0 100.8



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 930  
Delta R.T. -0.000 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

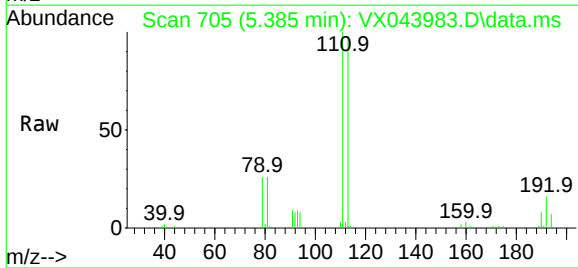
Tgt Ion: 114 Resp: 225557  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 44.0  
88 17.2 0.0 32.4



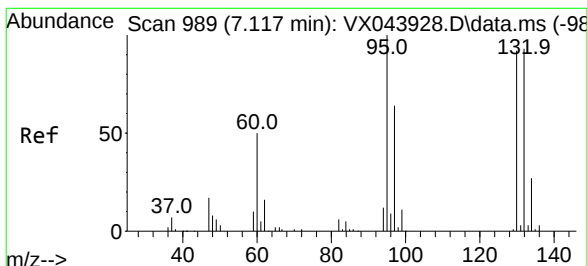
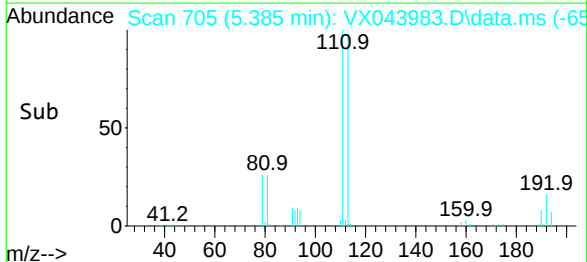
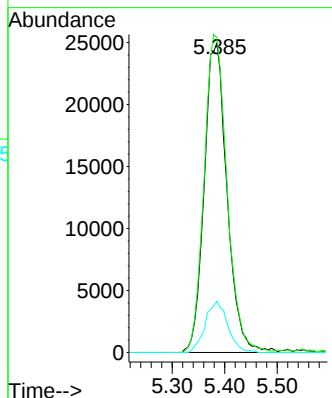


#35  
Dibromofluoromethane  
Concen: 46.772 ug/l  
RT: 5.385 min Scan# 70  
Delta R.T. 0.006 min  
Lab File: VX043983.D  
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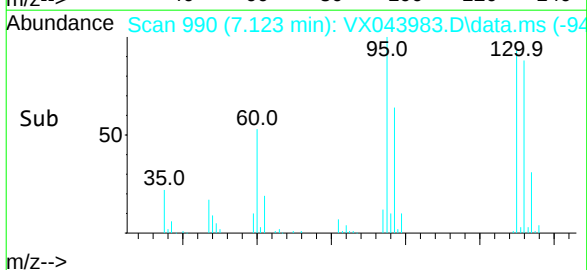
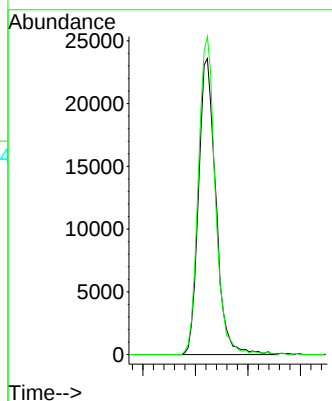
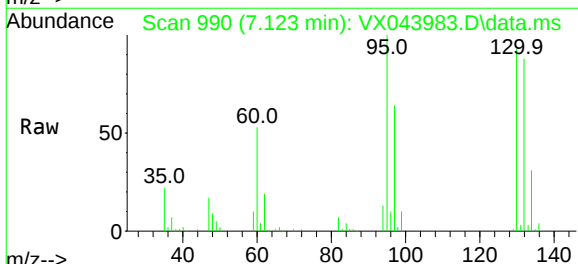


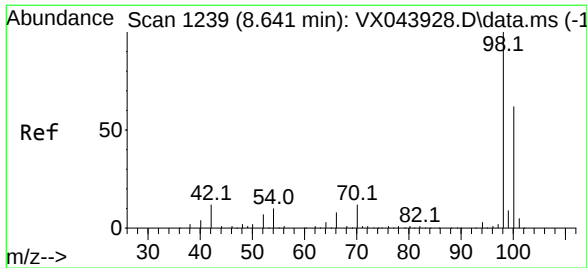
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.5 | 81.0  | 121.4 |
| 192     | 16.3  | 13.0  | 19.6  |



#44  
Trichloroethene  
Concen: 30.583 ug/l  
RT: 7.123 min Scan# 990  
Delta R.T. 0.006 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 107.4 | 0.0   | 217.8 |

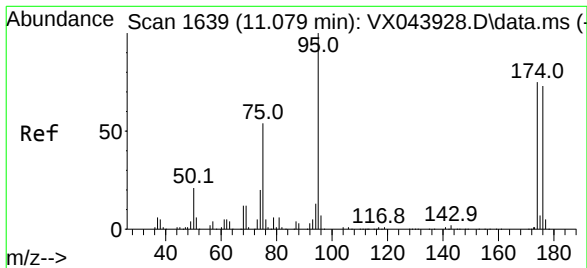
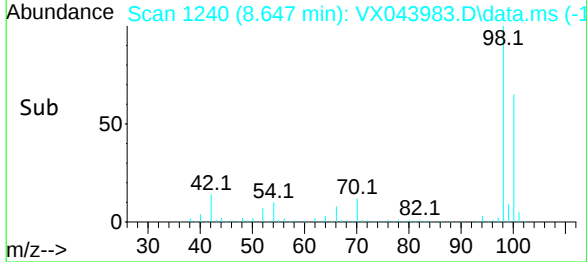
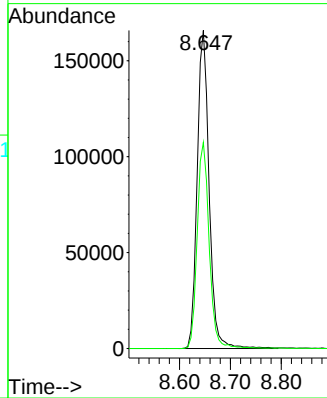
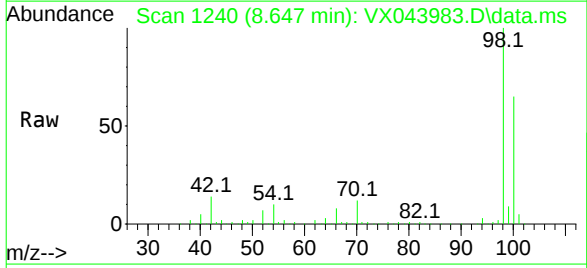




#50  
Toluene-d8  
Concen: 48.628 ug/l  
RT: 8.647 min Scan# 1239  
Delta R.T. 0.006 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

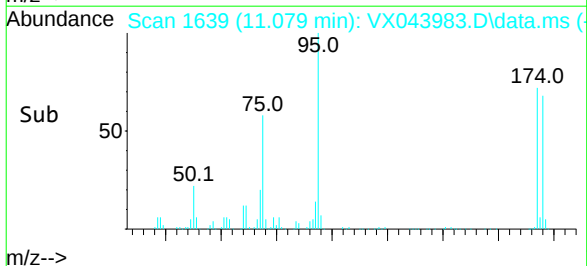
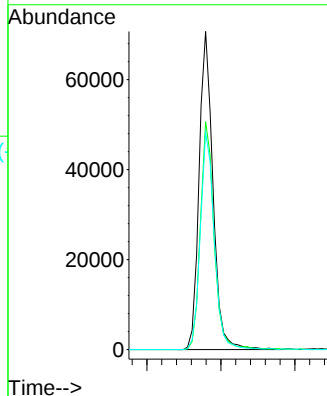
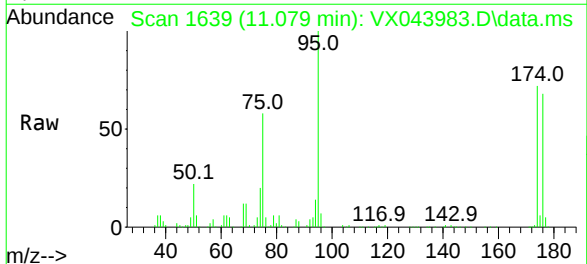
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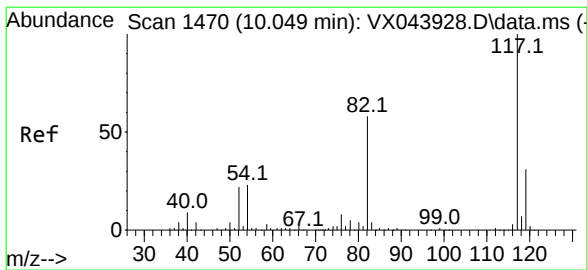
Tgt Ion: 98 Resp: 270166  
Ion Ratio Lower Upper  
98 100  
100 65.1 52.6 79.0



#62  
4-Bromofluorobenzene  
Concen: 48.748 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.000 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

Tgt Ion: 95 Resp: 92171  
Ion Ratio Lower Upper  
95 100  
174 70.6 0.0 150.4  
176 68.6 0.0 146.0

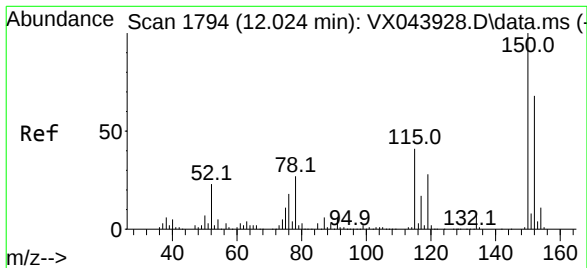
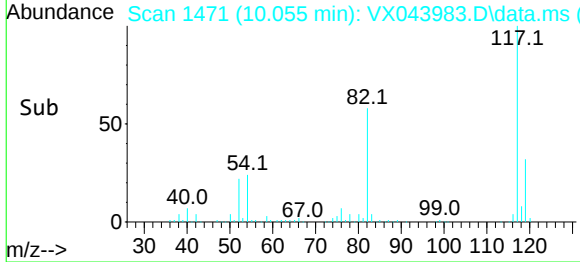
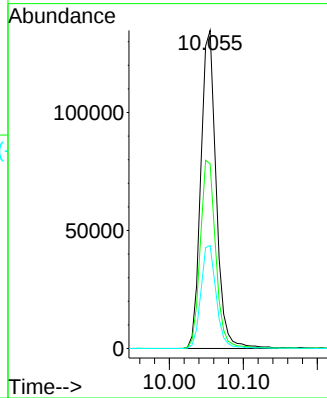
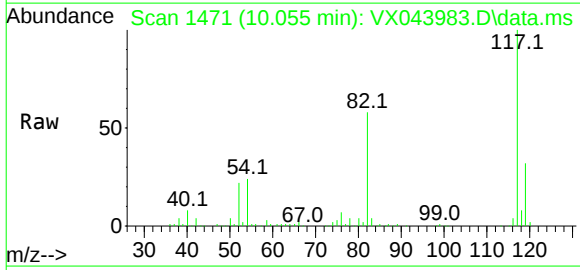




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1470  
Delta R.T. 0.006 min  
Lab File: VX043983.D  
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Tgt Ion:117 Resp: 194624  
Ion Ratio Lower Upper  
117 100  
82 58.1 46.4 69.6  
119 32.4 24.6 37.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.018 min Scan# 1793  
Delta R.T. -0.006 min  
Lab File: VX043983.D  
Acq: 25 Nov 2024 13:53

Tgt Ion:152 Resp: 82992  
Ion Ratio Lower Upper  
152 100  
115 62.4 45.4 136.2  
150 158.2 0.0 353.0

