

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX100824\  
 Data File : VX043316.D  
 Acq On : 08 Oct 2024 11:17  
 Operator : JC/MD  
 Sample : P4341-01 50X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 10324-0

Quant Time: Oct 09 01:34:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 02 16:50:57 2024  
 Response via : Initial Calibration

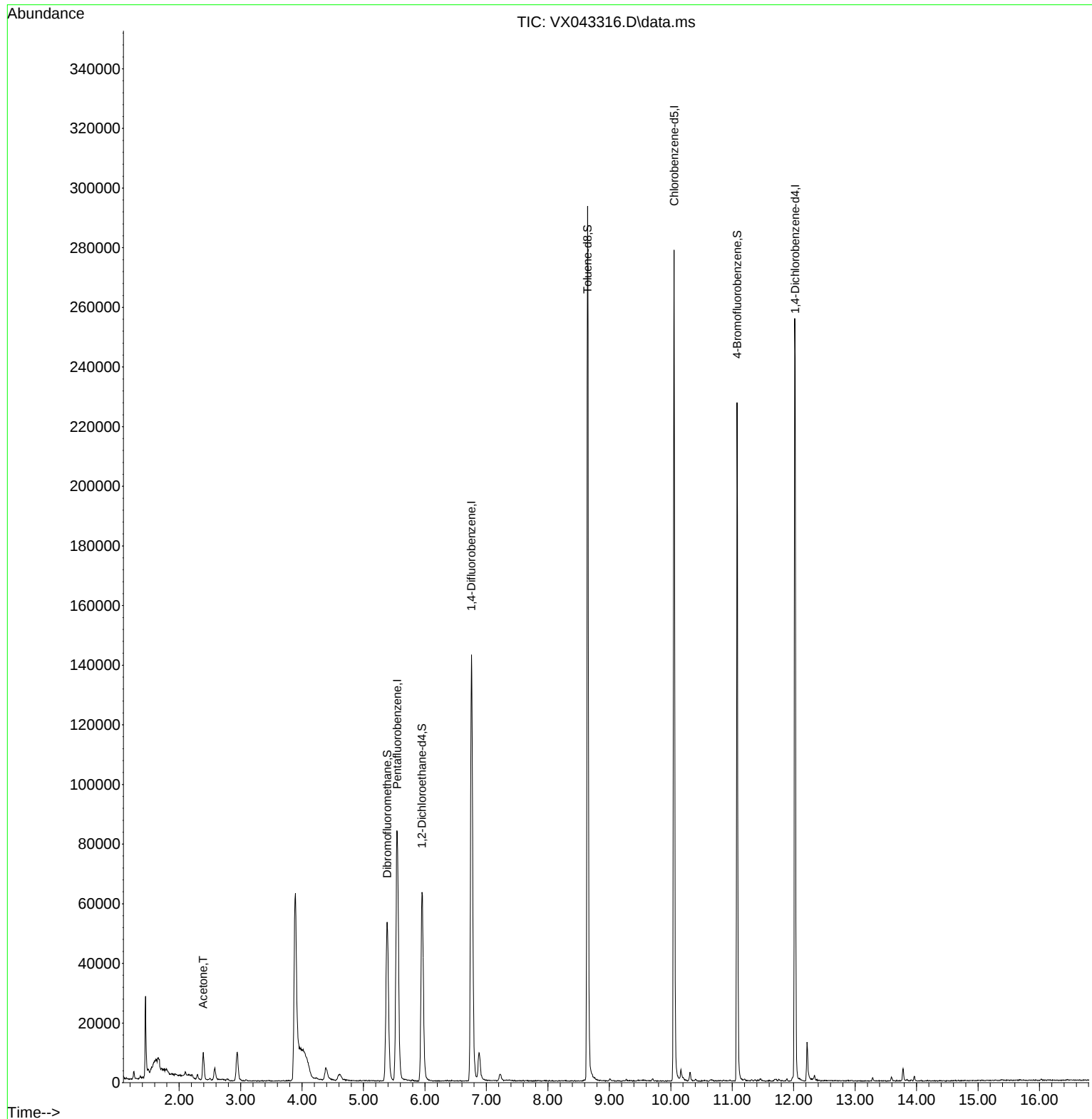
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)     |
|-----------------------------|--------|-------|----------|----------|-------|--------------|
| -----                       |        |       |          |          |       |              |
| Internal Standards          |        |       |          |          |       |              |
| 1) Pentafluorobenzene       | 5.550  | 168   | 77731    | 50.000   | ug/l  | 0.00         |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 145038   | 50.000   | ug/l  | 0.00         |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 123496   | 50.000   | ug/l  | 0.00         |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 53303    | 50.000   | ug/l  | 0.00         |
| System Monitoring Compounds |        |       |          |          |       |              |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 65838    | 51.863   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =     | 103.720%     |
| 35) Dibromofluoromethane    | 5.385  | 113   | 47609    | 47.598   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 95.200%      |
| 50) Toluene-d8              | 8.647  | 98    | 172632   | 49.803   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =     | 99.600%      |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 60967    | 48.414   | ug/l  | 0.00         |
| Spiked Amount               | 50.000 | Range | 77 - 121 | Recovery | =     | 96.820%      |
| Target Compounds            |        |       |          |          |       |              |
| 16) Acetone                 | 2.392  | 43    | 11057    | 20.857   | ug/l  | Qvalue<br>90 |
| -----                       |        |       |          |          |       |              |

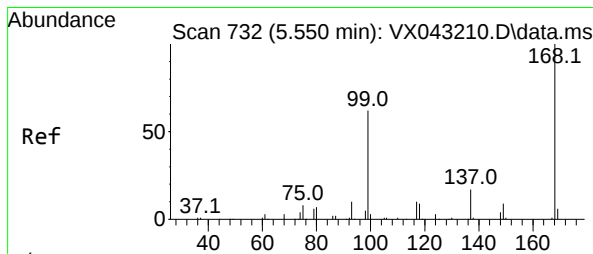
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X100124W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 02 16:50:57 2024  
Response via : Initial Calibration

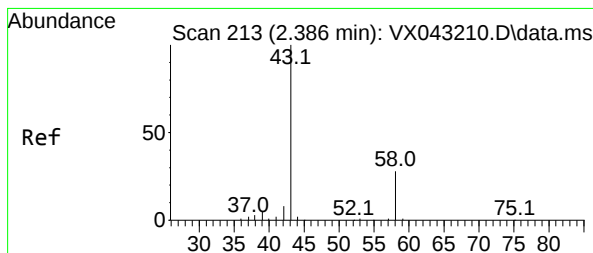
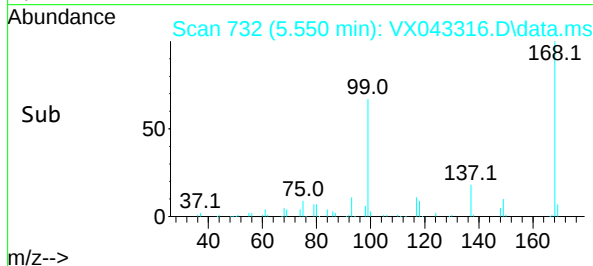
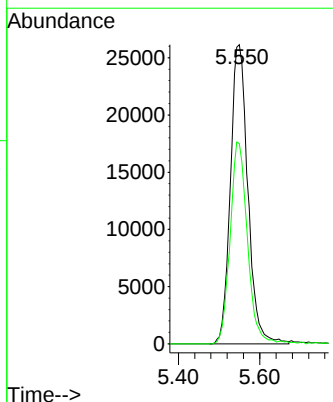
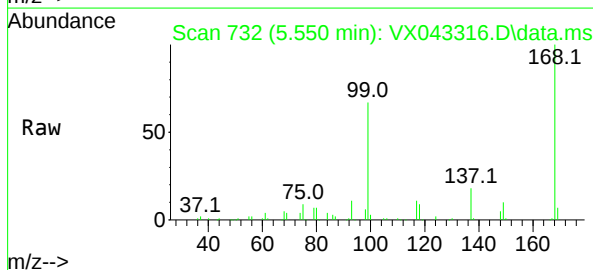




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.550 min Scan# 7  
Delta R.T. -0.000 min  
Lab File: VX043316.D  
Acq: 08 Oct 2024 11:17

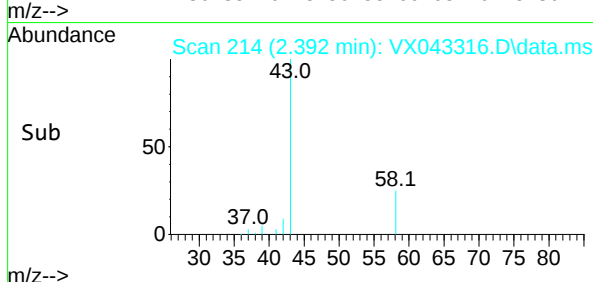
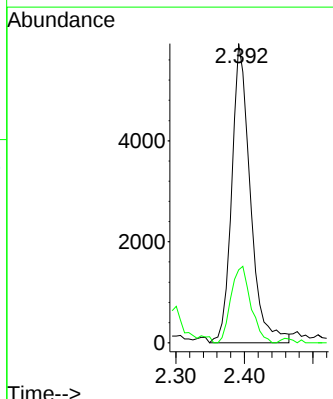
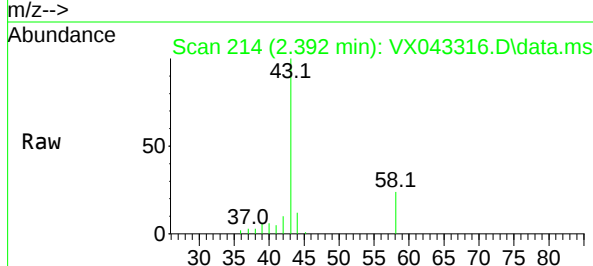
Instrument :  
MSVOA\_X  
ClientSampleId :  
10324-0

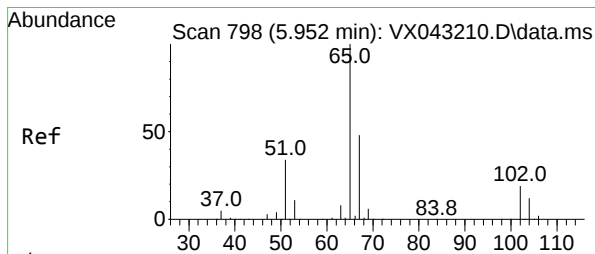
Tgt Ion:168 Resp: 77731  
Ion Ratio Lower Upper  
168 100  
99 67.0 49.7 74.5



#16  
Acetone  
Concen: 20.857 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX043316.D  
Acq: 08 Oct 2024 11:17

Tgt Ion: 43 Resp: 11057  
Ion Ratio Lower Upper  
43 100  
58 23.2 22.6 33.8

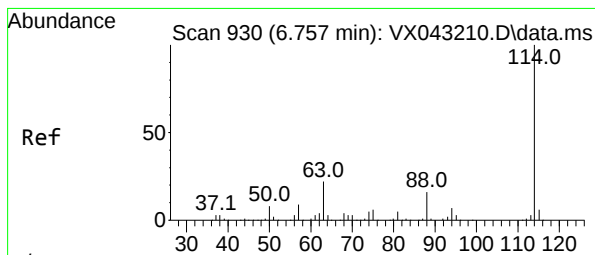
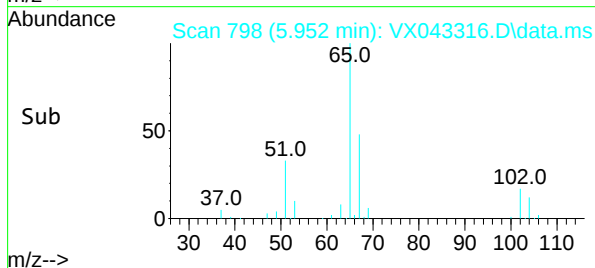
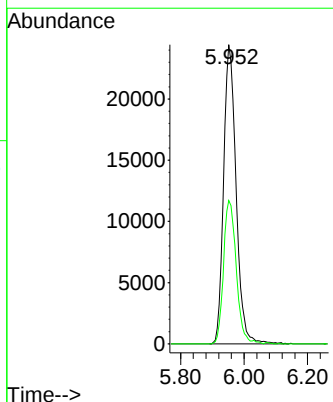
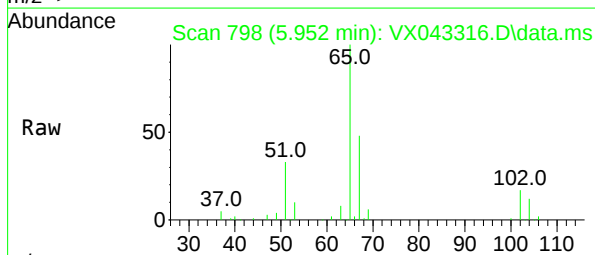




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.863 ug/l  
 RT: 5.952 min Scan# 7  
 Delta R.T. -0.000 min  
 Lab File: VX043316.D  
 Acq: 08 Oct 2024 11:17

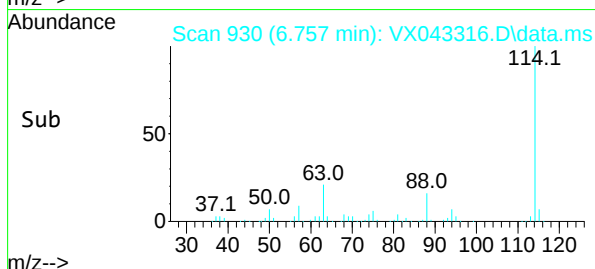
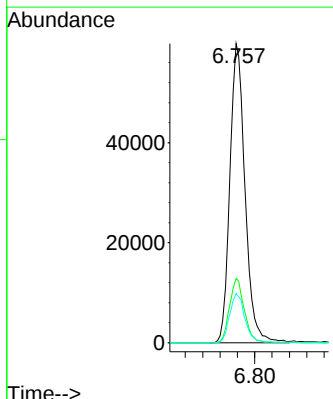
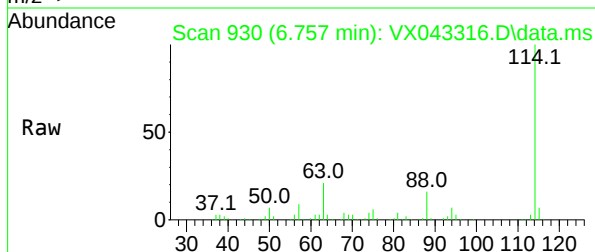
Instrument :  
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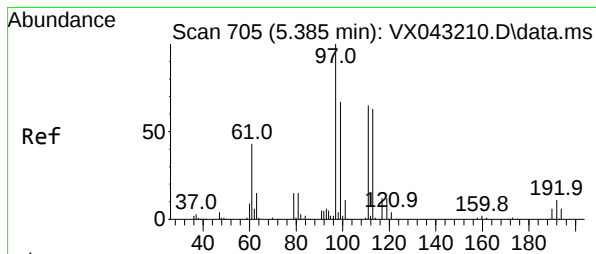
Tgt Ion: 65 Resp: 65838  
 Ion Ratio Lower Upper  
 65 100  
 67 48.8 0.0 99.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.757 min Scan# 930  
 Delta R.T. -0.000 min  
 Lab File: VX043316.D  
 Acq: 08 Oct 2024 11:17

Tgt Ion: 114 Resp: 145038  
 Ion Ratio Lower Upper  
 114 100  
 63 21.5 0.0 43.0  
 88 16.4 0.0 33.0

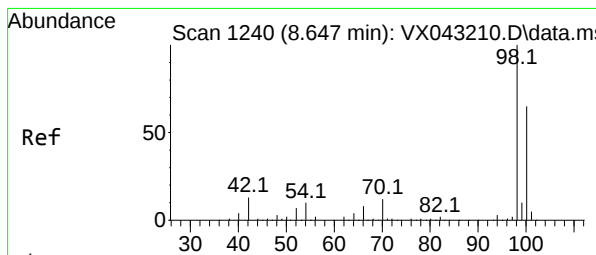
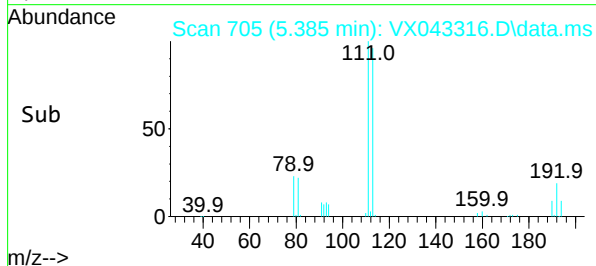
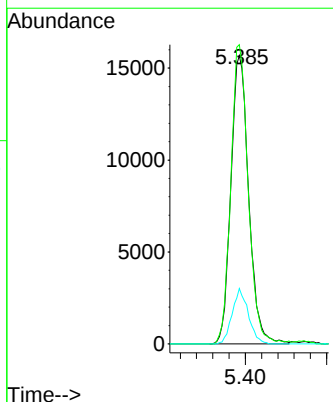
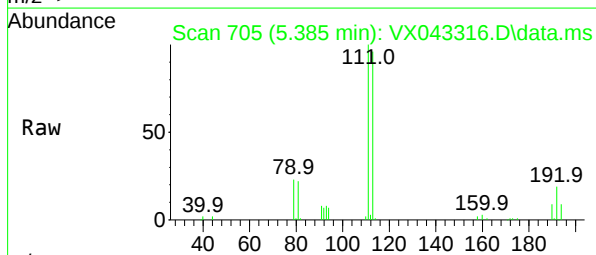




#35  
 Dibromofluoromethane  
 Concen: 47.598 ug/l  
 RT: 5.385 min Scan# 705  
 Delta R.T. -0.000 min  
 Lab File: VX043316.D  
 Acq: 08 Oct 2024 11:17

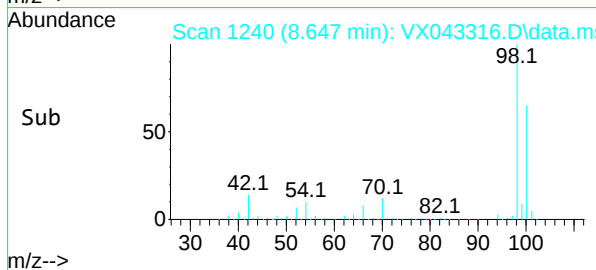
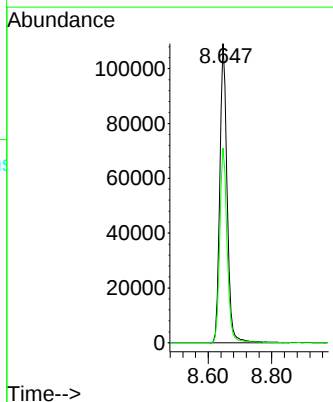
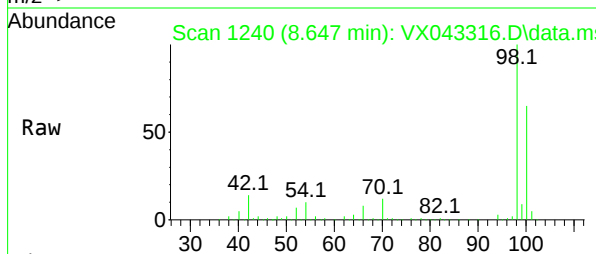
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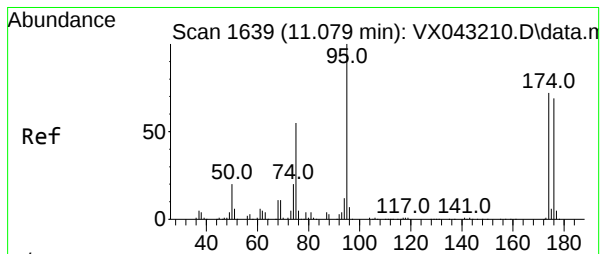
Tgt Ion:113 Resp: 47609  
 Ion Ratio Lower Upper  
 113 100  
 111 101.1 83.4 125.0  
 192 17.3 14.1 21.1



#50  
 Toluene-d8  
 Concen: 49.803 ug/l  
 RT: 8.647 min Scan# 1240  
 Delta R.T. -0.000 min  
 Lab File: VX043316.D  
 Acq: 08 Oct 2024 11:17

Tgt Ion: 98 Resp: 172632  
 Ion Ratio Lower Upper  
 98 100  
 100 65.8 52.4 78.6

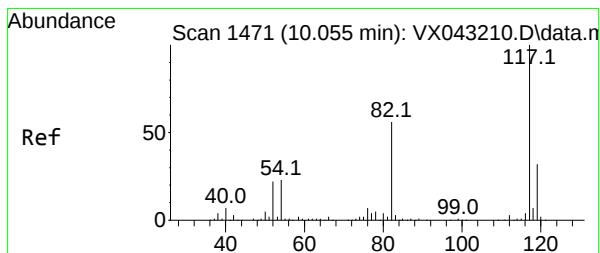
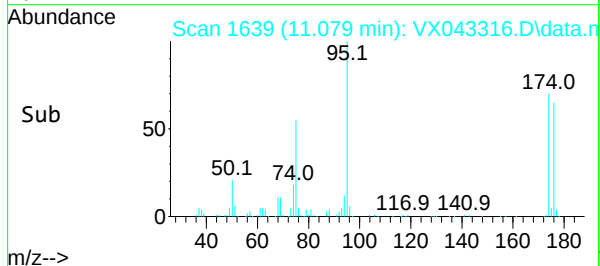
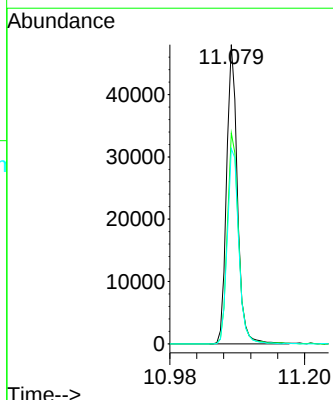
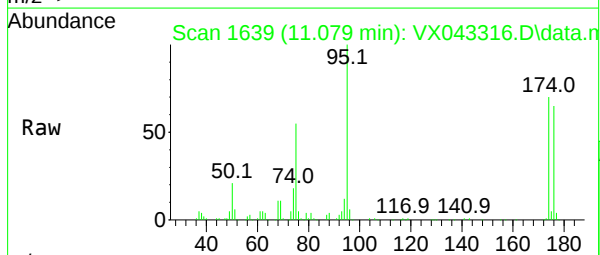




#62  
4-Bromofluorobenzene  
Concen: 48.414 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.000 min  
Lab File: VX043316.D  
Acq: 08 Oct 2024 11:17

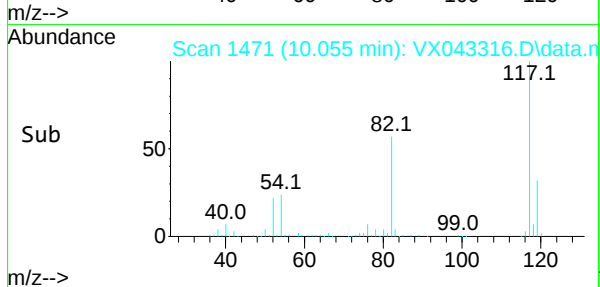
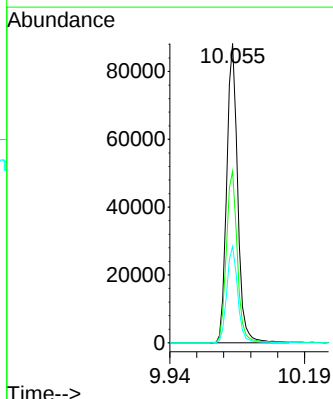
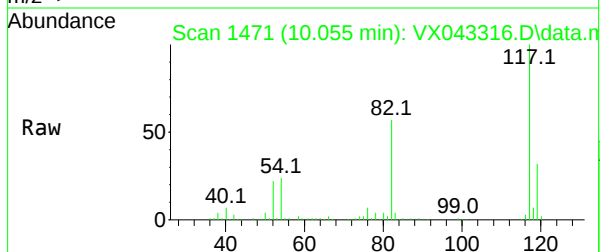
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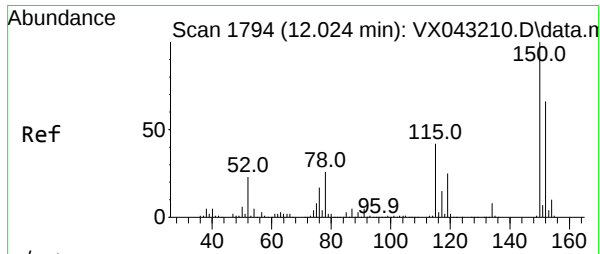
Tgt Ion: 95 Resp: 60967  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 145.0  
176 69.0 0.0 143.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX043316.D  
Acq: 08 Oct 2024 11:17

Tgt Ion: 117 Resp: 123496  
Ion Ratio Lower Upper  
117 100  
82 57.4 45.0 67.6  
119 32.2 25.3 37.9





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1  
 Delta R.T. -0.000 min  
 Lab File: VX043316.D  
 Acq: 08 Oct 2024 11:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 10324-0

Tgt Ion:152 Resp: 53303  
 Ion Ratio Lower Upper  
 152 100  
 115 62.4 44.1 132.3  
 150 155.5 0.0 347.4

