

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX041323\  
 Data File : VX035049.D  
 Acq On : 12 Apr 2023 16:37  
 Operator : JC/MD  
 Sample : 02286-01  
 Misc : 5.07g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 23329

Quant Time: Apr 13 02:37:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Apr 01 01:50:18 2023  
 Response via : Initial Calibration

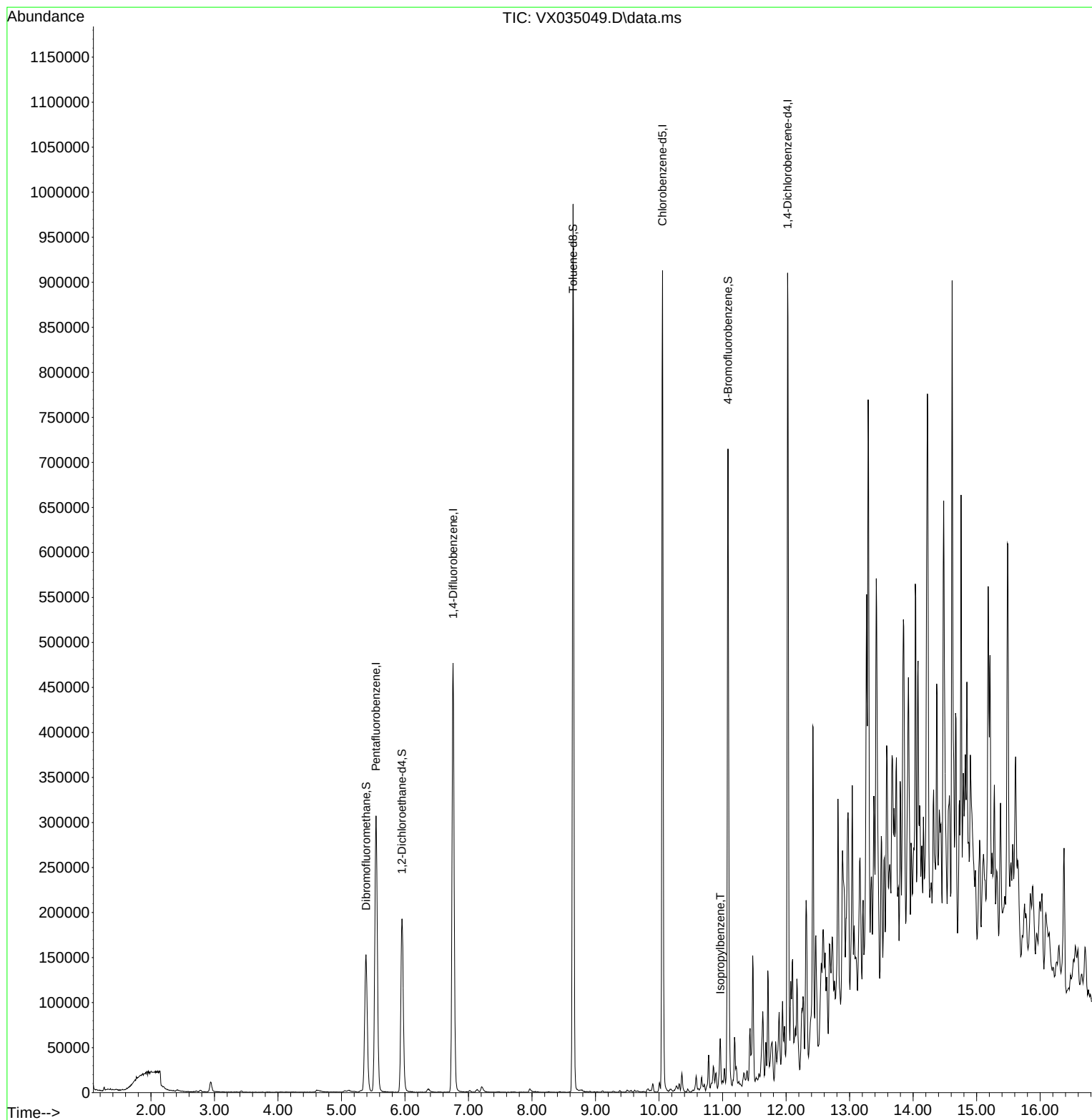
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-----------------------------|--------|-------|----------|----------|-------|-----------|
| -----                       |        |       |          |          |       |           |
| Internal Standards          |        |       |          |          |       |           |
| 1) Pentafluorobenzene       | 5.544  | 168   | 286348   | 50.000   | ug/l  | 0.00      |
| 34) 1,4-Difluorobenzene     | 6.757  | 114   | 480588   | 50.000   | ug/l  | 0.00      |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 423571   | 50.000   | ug/l  | 0.00      |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 186174   | 50.000   | ug/l  | 0.00      |
| System Monitoring Compounds |        |       |          |          |       |           |
| 33) 1,2-Dichloroethane-d4   | 5.952  | 65    | 190156   | 43.422   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 78 - 117 | Recovery | =     | 86.840%   |
| 35) Dibromofluoromethane    | 5.385  | 113   | 132513   | 41.688   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =     | 83.380%   |
| 50) Toluene-d8              | 8.647  | 98    | 573437   | 48.875   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 92 - 112 | Recovery | =     | 97.740%   |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 204284   | 44.994   | ug/l  | 0.00      |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =     | 89.980%   |
| Target Compounds            |        |       |          |          |       |           |
| 73) Isopropylbenzene        | 10.963 | 105   | 28272    | 2.073    | ug/l  | Qvalue 99 |
| -----                       |        |       |          |          |       |           |

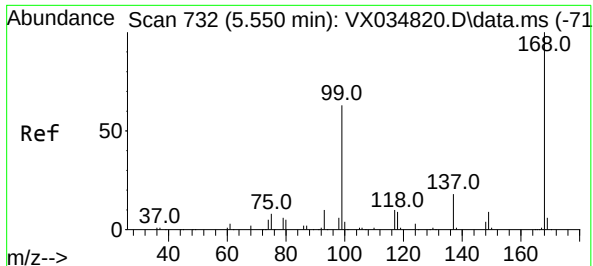
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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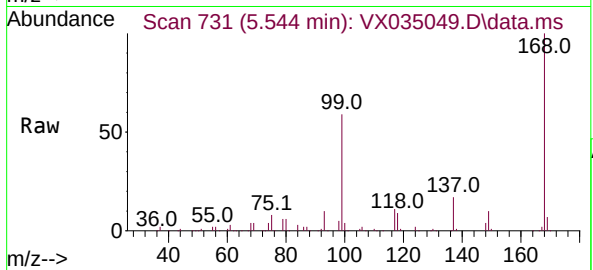
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032923W.M  
Quant Title : SW846 8260  
QLast Update : Sat Apr 01 01:50:18 2023  
Response via : Initial Calibration



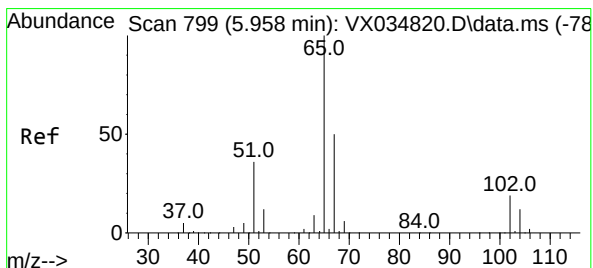
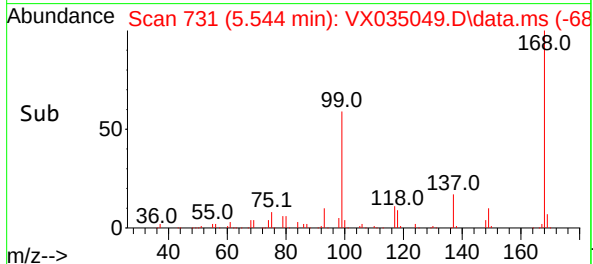
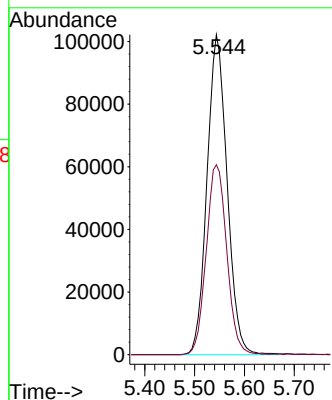


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.544 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

Instrument :  
MSVOA\_X  
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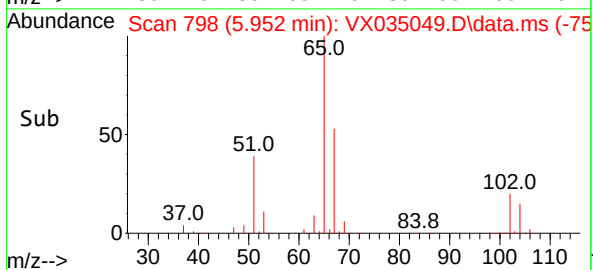
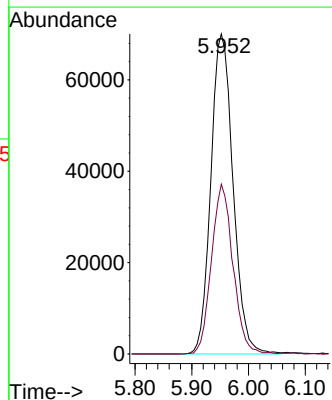
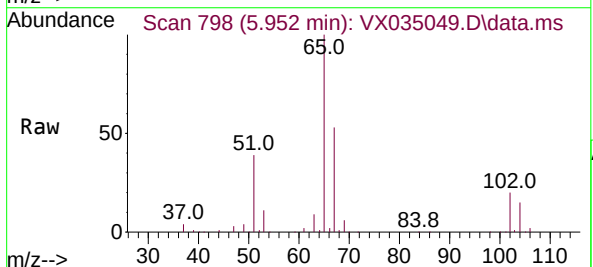


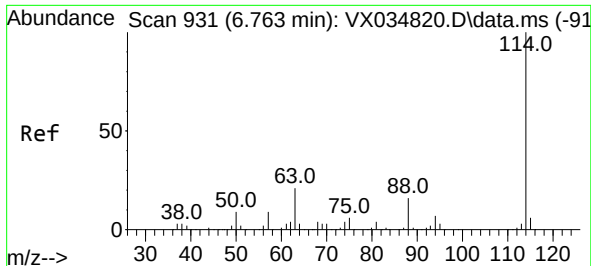
Tgt Ion:168 Resp: 286348  
Ion Ratio Lower Upper  
168 100  
99 59.4 45.7 68.5



#33  
1,2-Dichloroethane-d4  
Concen: 43.422 ug/l  
RT: 5.952 min Scan# 798  
Delta R.T. -0.006 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

Tgt Ion: 65 Resp: 190156  
Ion Ratio Lower Upper  
65 100  
67 51.4 0.0 104.0

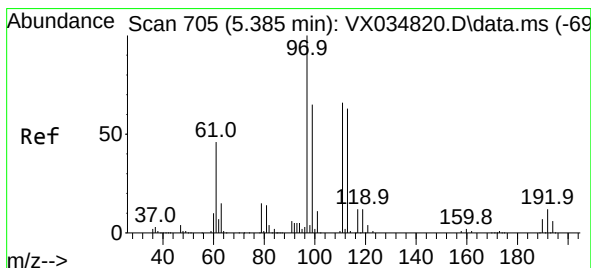
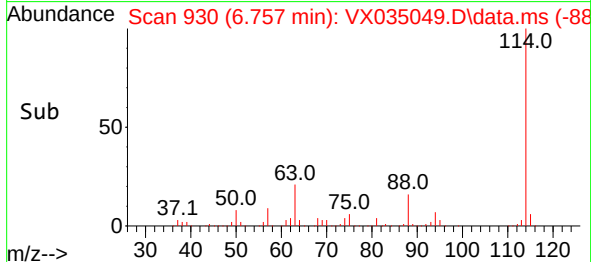
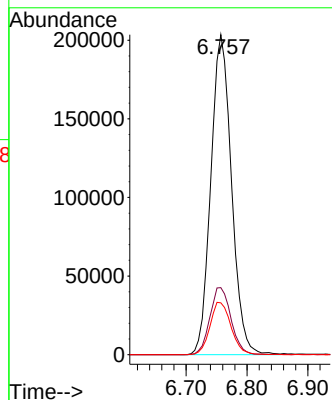
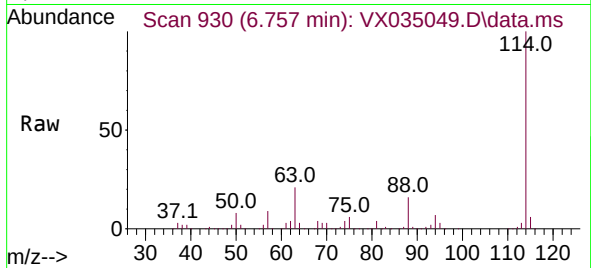




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.757 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

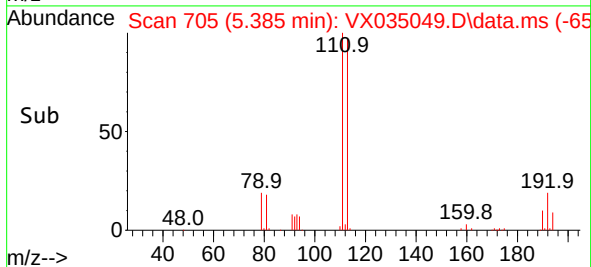
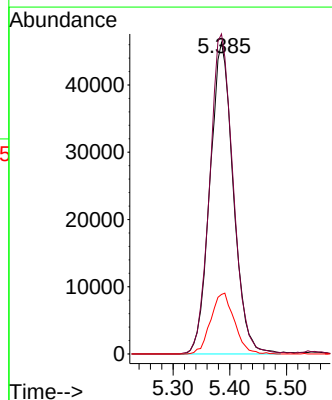
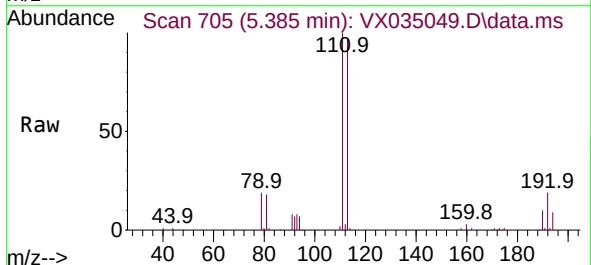
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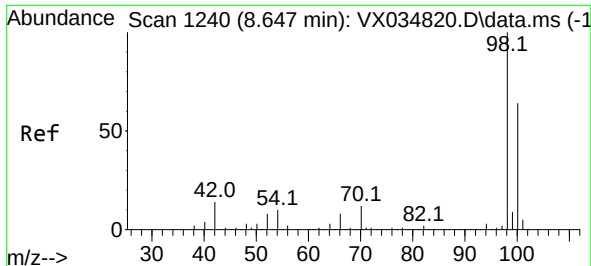
Tgt Ion:114 Resp: 480588  
Ion Ratio Lower Upper  
114 100  
63 21.0 0.0 42.2  
88 16.2 0.0 33.2



#35  
Dibromofluoromethane  
Concen: 41.688 ug/l  
RT: 5.385 min Scan# 705  
Delta R.T. -0.000 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

Tgt Ion:113 Resp: 132513  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.7 125.5  
192 19.8 15.4 23.2

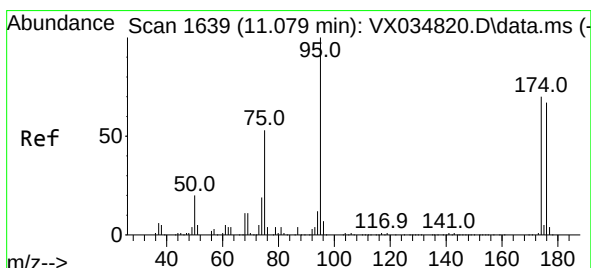
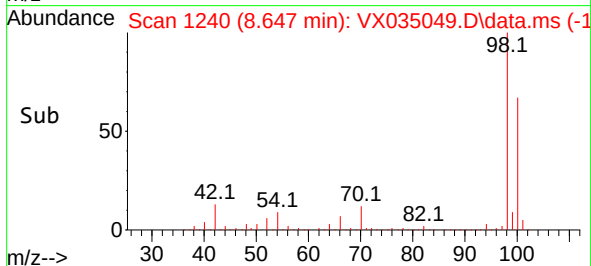
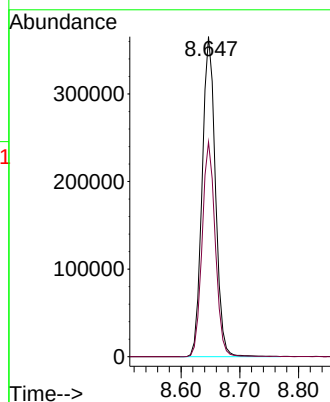
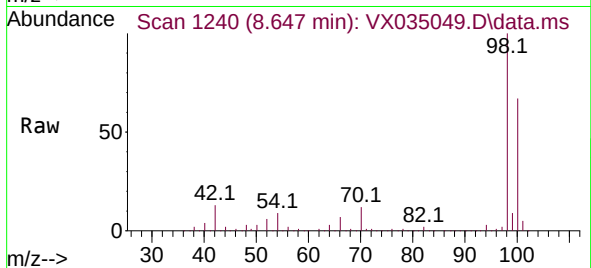




#50  
Toluene-d8  
Concen: 48.875 ug/l  
RT: 8.647 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

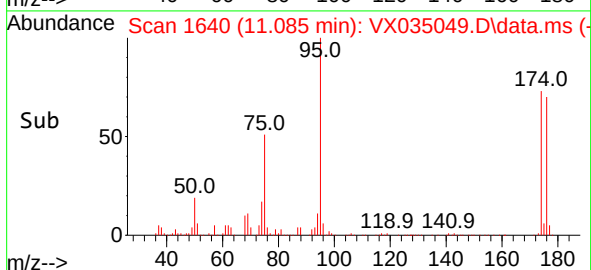
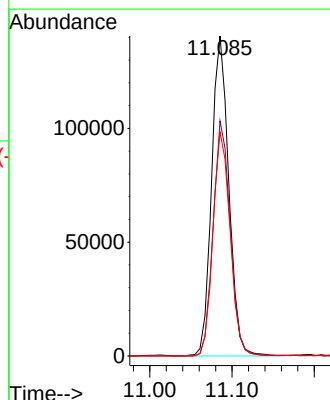
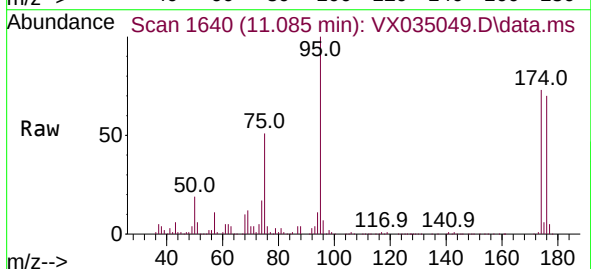
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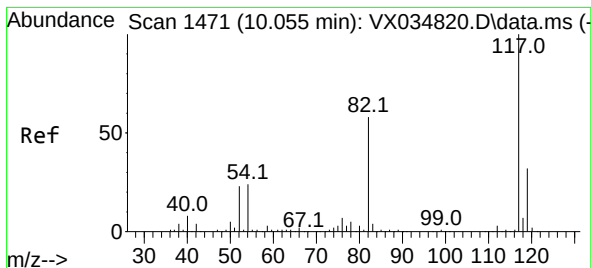
Tgt Ion: 98 Resp: 573437  
Ion Ratio Lower Upper  
98 100  
100 66.5 52.5 78.7



#62  
4-Bromofluorobenzene  
Concen: 44.994 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

Tgt Ion: 95 Resp: 204284  
Ion Ratio Lower Upper  
95 100  
174 73.3 0.0 147.4  
176 70.1 0.0 140.6

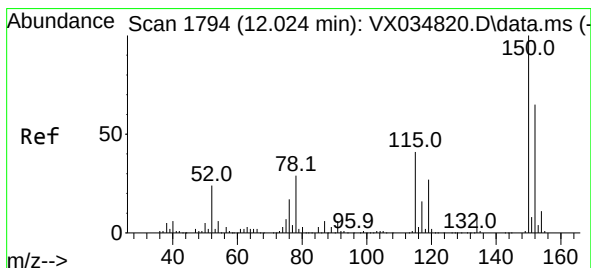
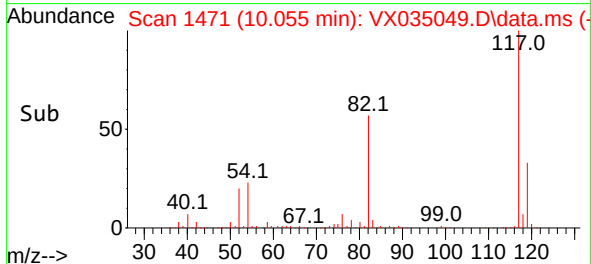
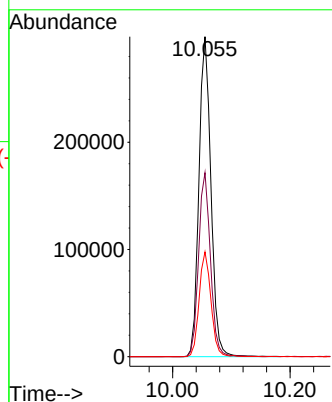
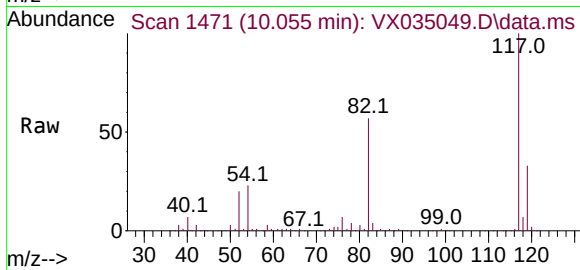




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

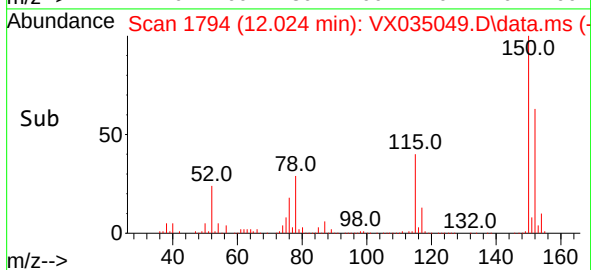
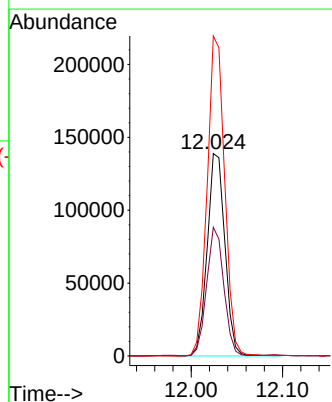
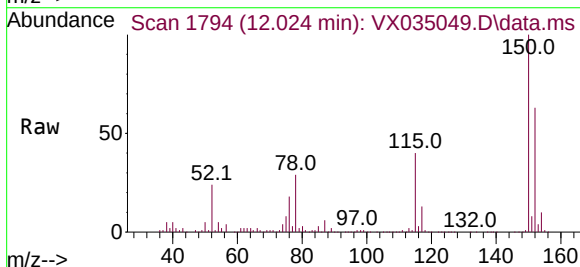
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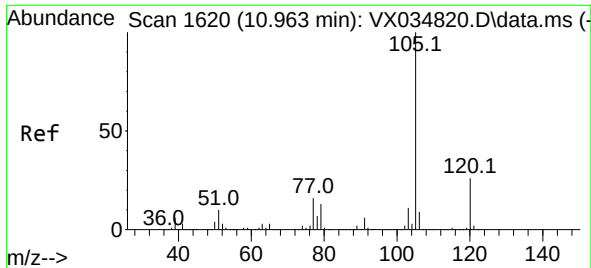
Tgt Ion:117 Resp: 423571  
Ion Ratio Lower Upper  
117 100  
82 57.5 45.0 67.4  
119 32.7 26.0 39.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX035049.D  
Acq: 12 Apr 2023 16:37

Tgt Ion:152 Resp: 186174  
Ion Ratio Lower Upper  
152 100  
115 61.6 45.0 135.0  
150 156.5 0.0 352.4





#73  
 Isopropylbenzene  
 Concen: 2.073 ug/l  
 RT: 10.963 min Scan# 1  
 Delta R.T. 0.000 min  
 Lab File: VX035049.D  
 Acq: 12 Apr 2023 16:37

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Tgt Ion:105 Resp: 28272  
 Ion Ratio Lower Upper  
 105 100  
 120 27.0 13.3 39.9

