

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062521\  
 Data File : VX022956.D  
 Acq On : 26 Jun 2021 05:23  
 Operator : JC/MD  
 Sample : PB137293ZHE#12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 49 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137293ZHE#12

Quant Time: Jun 26 07:37:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 23 19:12:26 2021  
 Response via : Initial Calibration

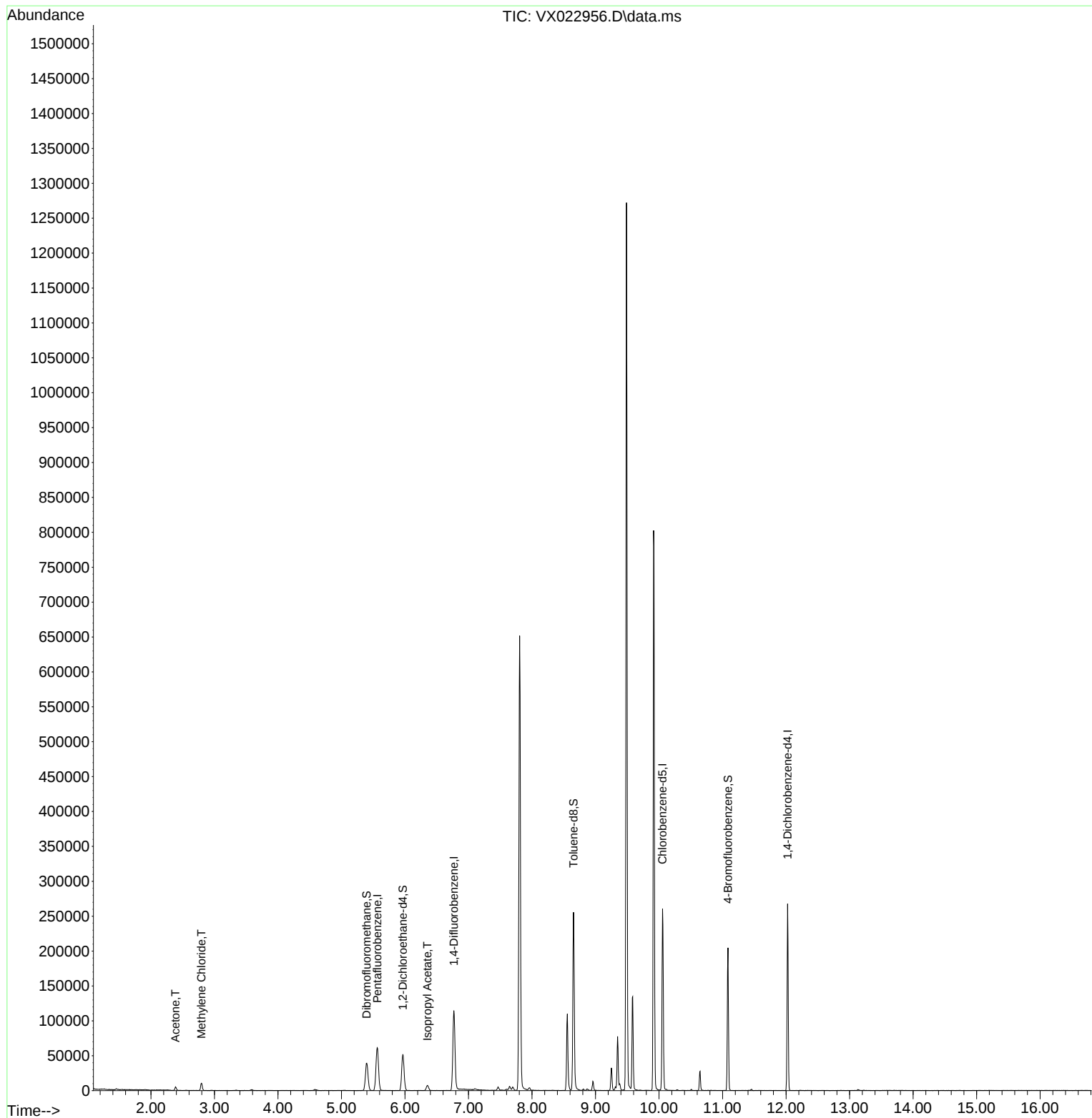
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 51363    | 50.000   | ug/l       | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 108381   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 106229   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 44852    | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 48537    | 52.071   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | = 104.140% |          |
| 35) Dibromofluoromethane    | 5.397     | 113   | 33480    | 48.645   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | = 97.300%  |          |
| 50) Toluene-d8              | 8.653     | 98    | 140690   | 52.158   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | = 104.320% |          |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 52306    | 51.959   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | = 103.920% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.386     | 43    | 5648     | 13.668   | ug/l       | 98       |
| 20) Methylene Chloride      | 2.794     | 84    | 4656     | 6.011    | ug/l       | 95       |
| 43) Isopropyl Acetate       | 6.354     | 43    | 10384    | 4.844    | ug/l #     | 81       |
| -----                       |           |       |          |          |            |          |

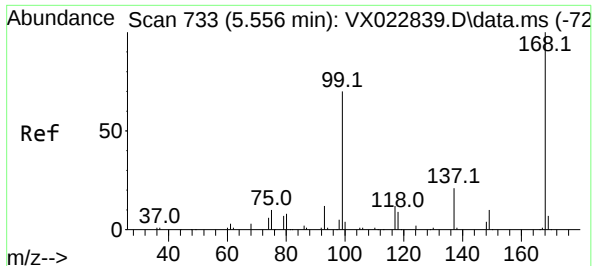
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062521\  
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Operator : JC/MD  
Sample : PB137293ZHE#12  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 49 Sample Multiplier: 1

Instrument :  
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ClientSampleId :  
PB137293ZHE#12

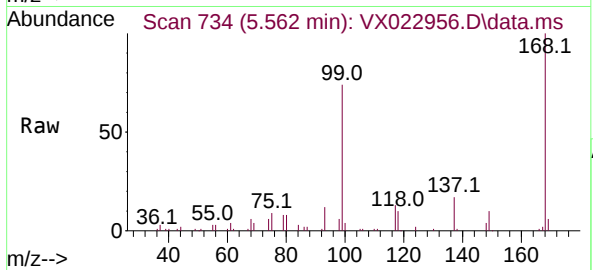
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062321W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 23 19:12:26 2021  
Response via : Initial Calibration



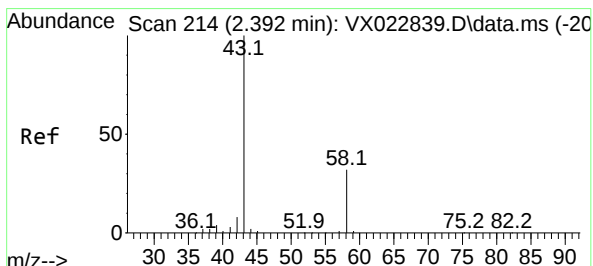
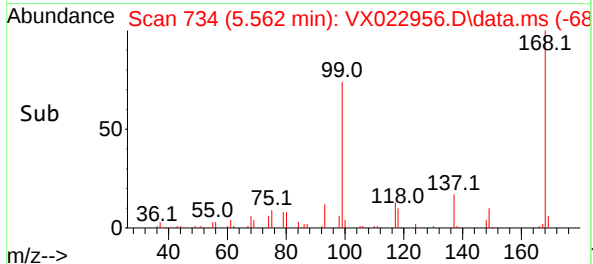
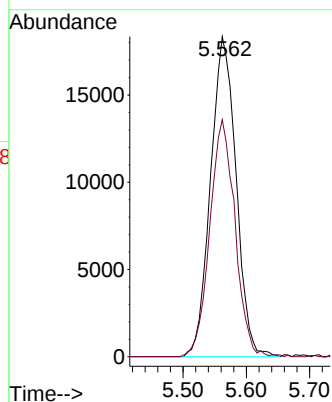


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137293ZHE#12

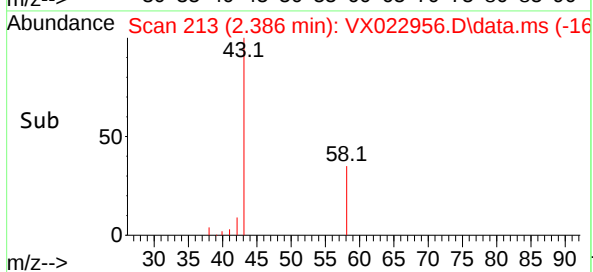
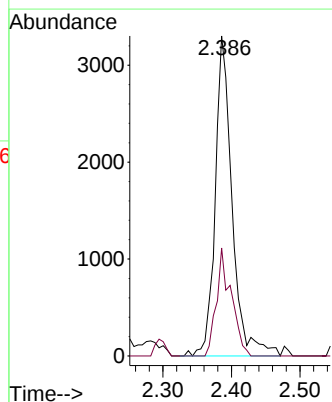
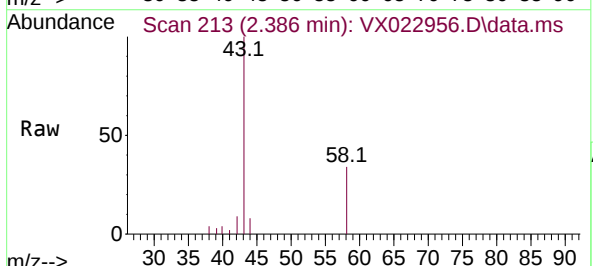


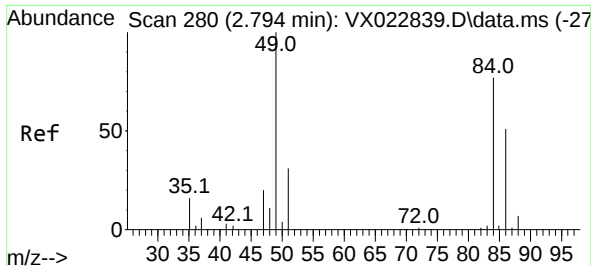
Tgt Ion:168 Resp: 51363  
Ion Ratio Lower Upper  
168 100  
99 74.0 45.8 68.6#



#16  
Acetone  
Concen: 13.668 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

Tgt Ion: 43 Resp: 5648  
Ion Ratio Lower Upper  
43 100  
58 33.8 27.8 41.8





#20

Methylene Chloride

Concen: 6.011 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022956.D

Acq: 26 Jun 2021 05:23

Instrument :

MSVOA\_X

ClientSampleId :

PB137293ZHE#12

Tgt Ion: 84 Resp: 4656

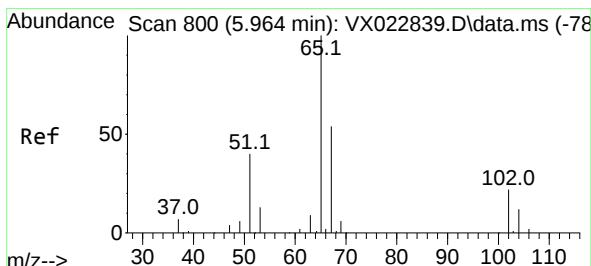
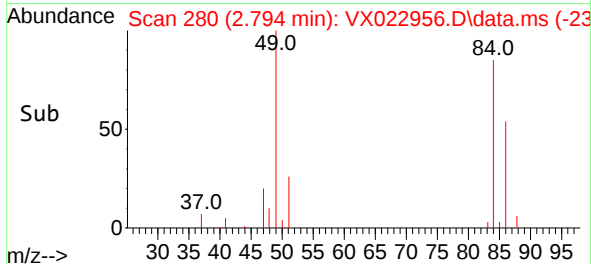
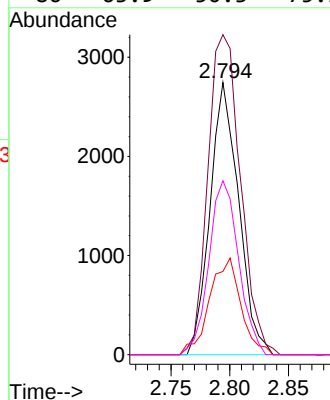
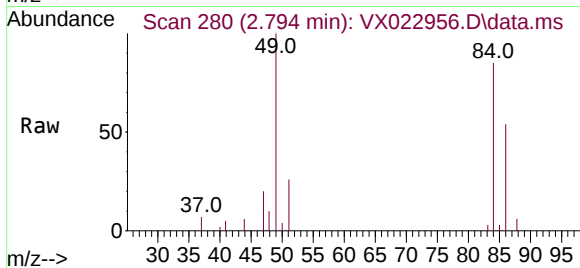
Ion Ratio Lower Upper

84 100

49 117.6 88.6 132.8

51 30.6 27.0 40.6

86 63.9 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 52.071 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022956.D

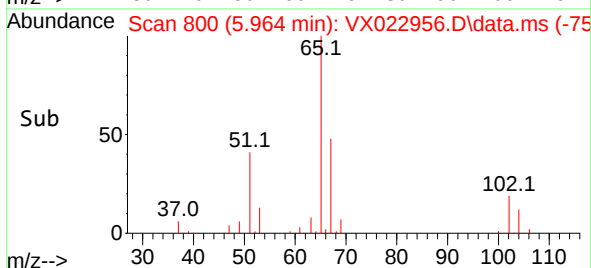
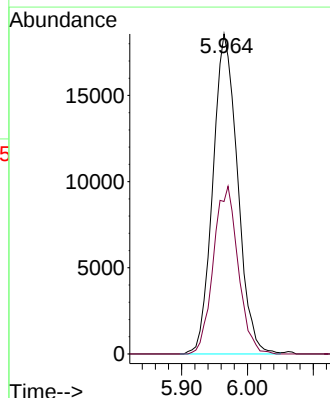
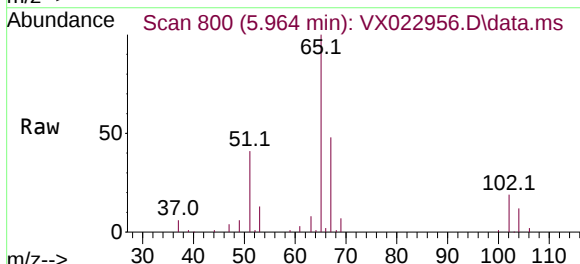
Acq: 26 Jun 2021 05:23

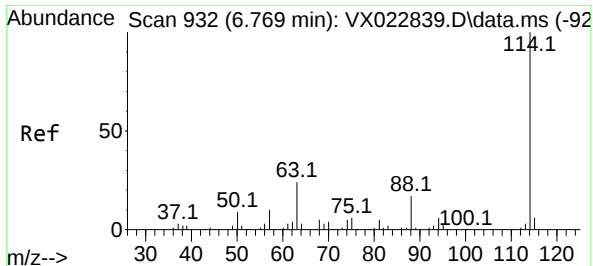
Tgt Ion: 65 Resp: 48537

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.4

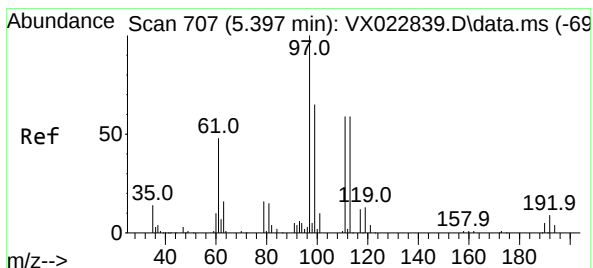
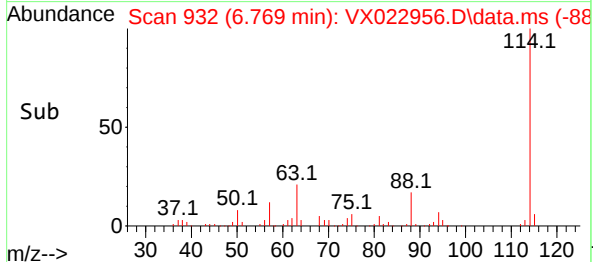
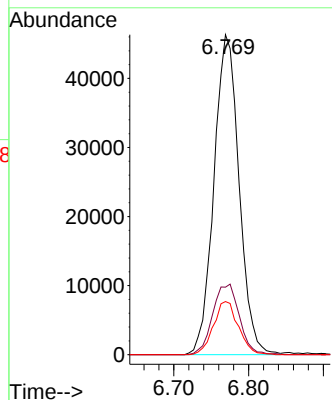
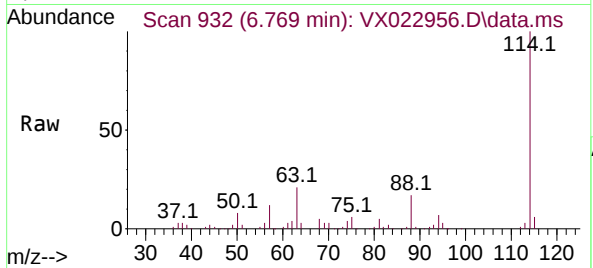




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

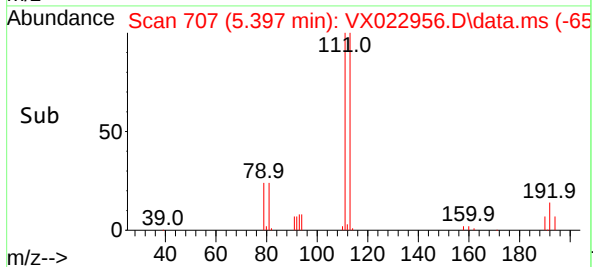
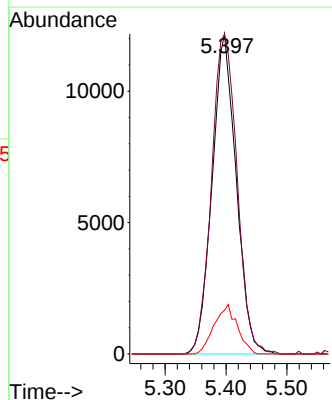
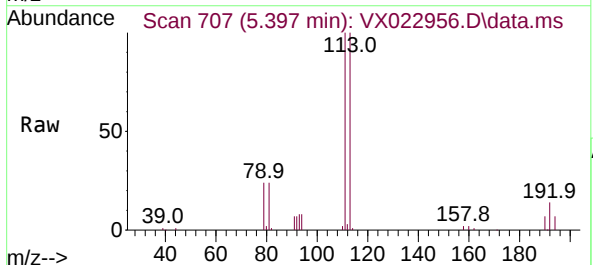
Instrument :  
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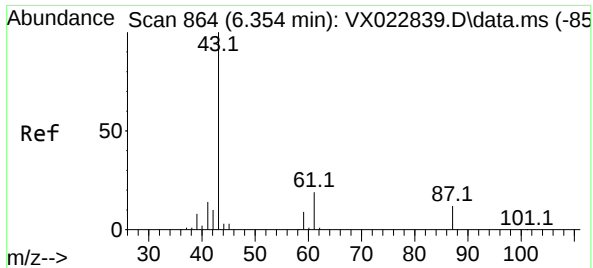
Tgt Ion:114 Resp: 108381  
Ion Ratio Lower Upper  
114 100  
63 21.1 0.0 40.8  
88 16.6 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 48.645 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

Tgt Ion:113 Resp: 33480  
Ion Ratio Lower Upper  
113 100  
111 105.4 81.9 122.9  
192 14.8 16.7 25.1#

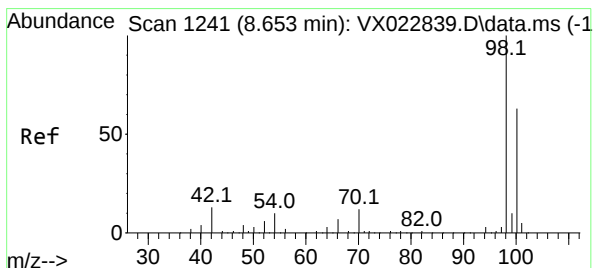
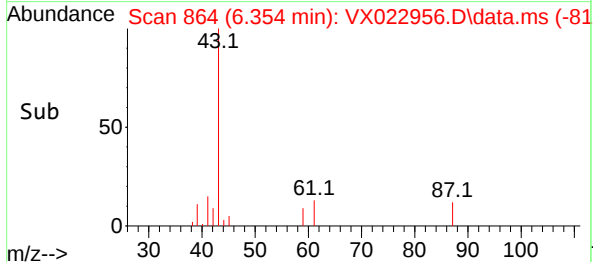
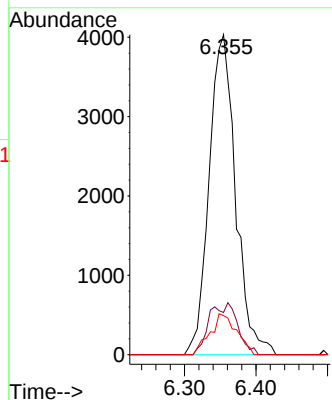
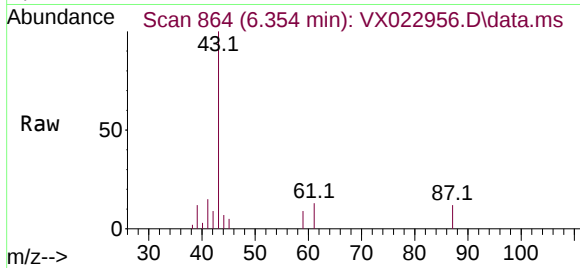




#43  
Isopropyl Acetate  
Concen: 4.844 ug/l  
RT: 6.354 min Scan# 864  
Delta R.T. 0.000 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

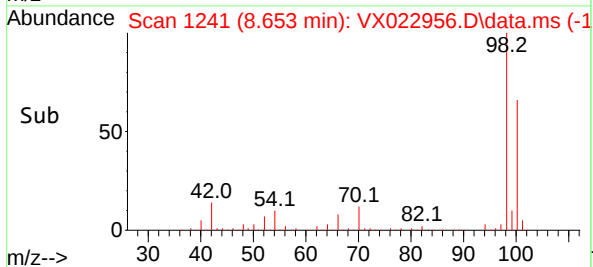
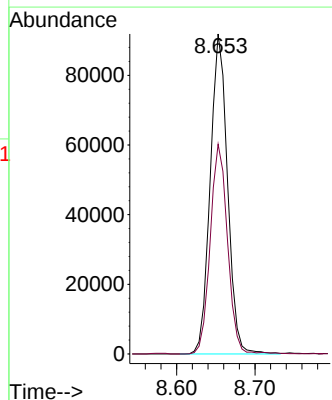
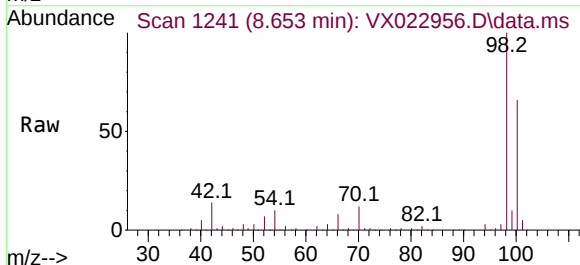
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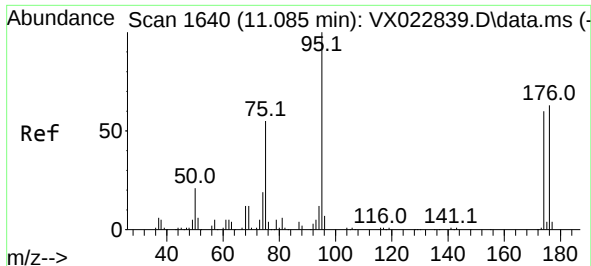
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 10384 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 9.7   | 18.2  | 27.4# |
| 87       | 12.7  | 12.5  | 18.7  |



#50  
Toluene-d8  
Concen: 52.158 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 140690 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.7  | 51.9  | 77.9   |

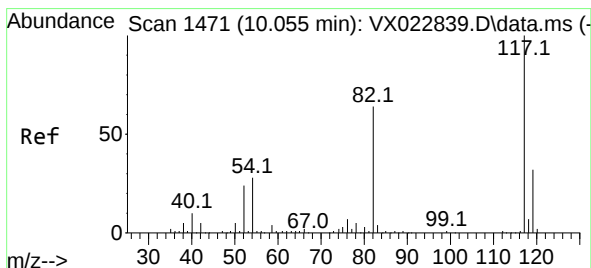
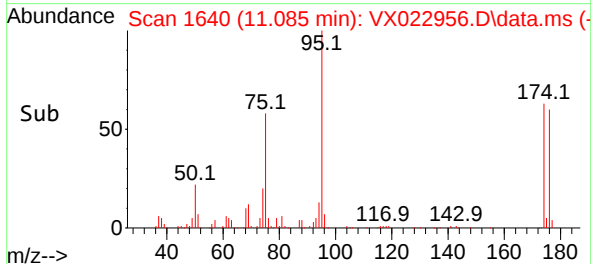
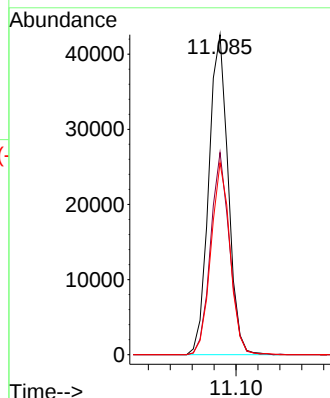
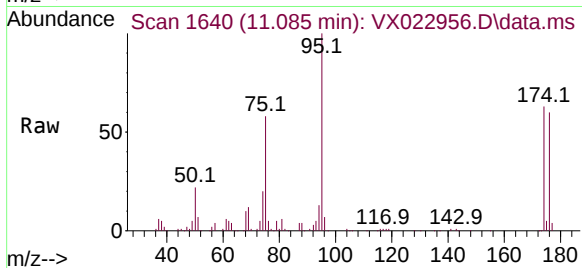




#62  
4-Bromofluorobenzene  
Concen: 51.959 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

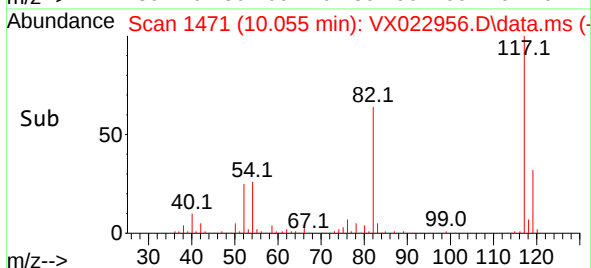
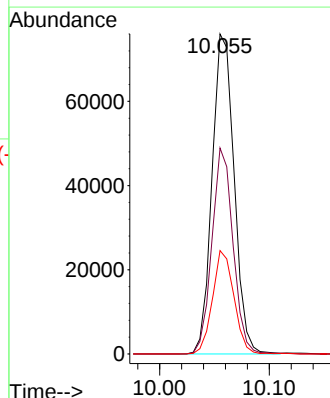
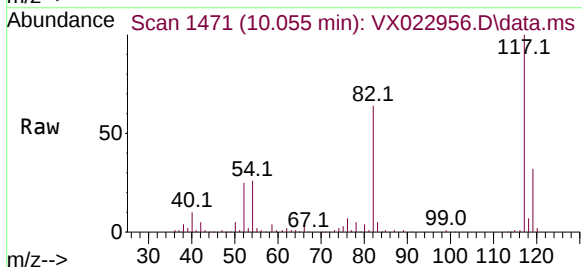
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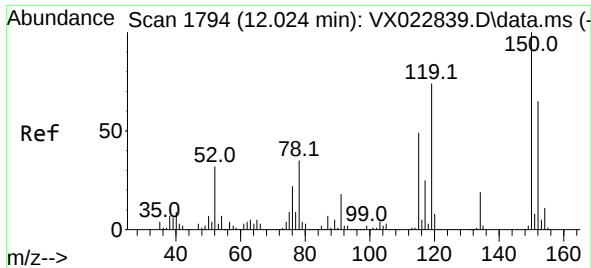
Tgt Ion: 95 Resp: 52306  
Ion Ratio Lower Upper  
95 100  
174 61.8 0.0 154.6  
176 59.3 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022956.D  
Acq: 26 Jun 2021 05:23

Tgt Ion: 117 Resp: 106229  
Ion Ratio Lower Upper  
117 100  
82 64.4 47.4 71.2  
119 32.3 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. 0.000 min  
 Lab File: VX022956.D  
 Acq: 26 Jun 2021 05:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137293ZHE#12

Tgt Ion:152 Resp: 44852  
 Ion Ratio Lower Upper  
 152 100  
 115 68.5 41.1 123.3  
 150 162.9 0.0 349.0

