

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX062521\  
 Data File : VX022957.D  
 Acq On : 26 Jun 2021 05:47  
 Operator : JC/MD  
 Sample : PB137293ZHE#13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137293ZHE#13

Quant Time: Jun 26 07:38:00 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

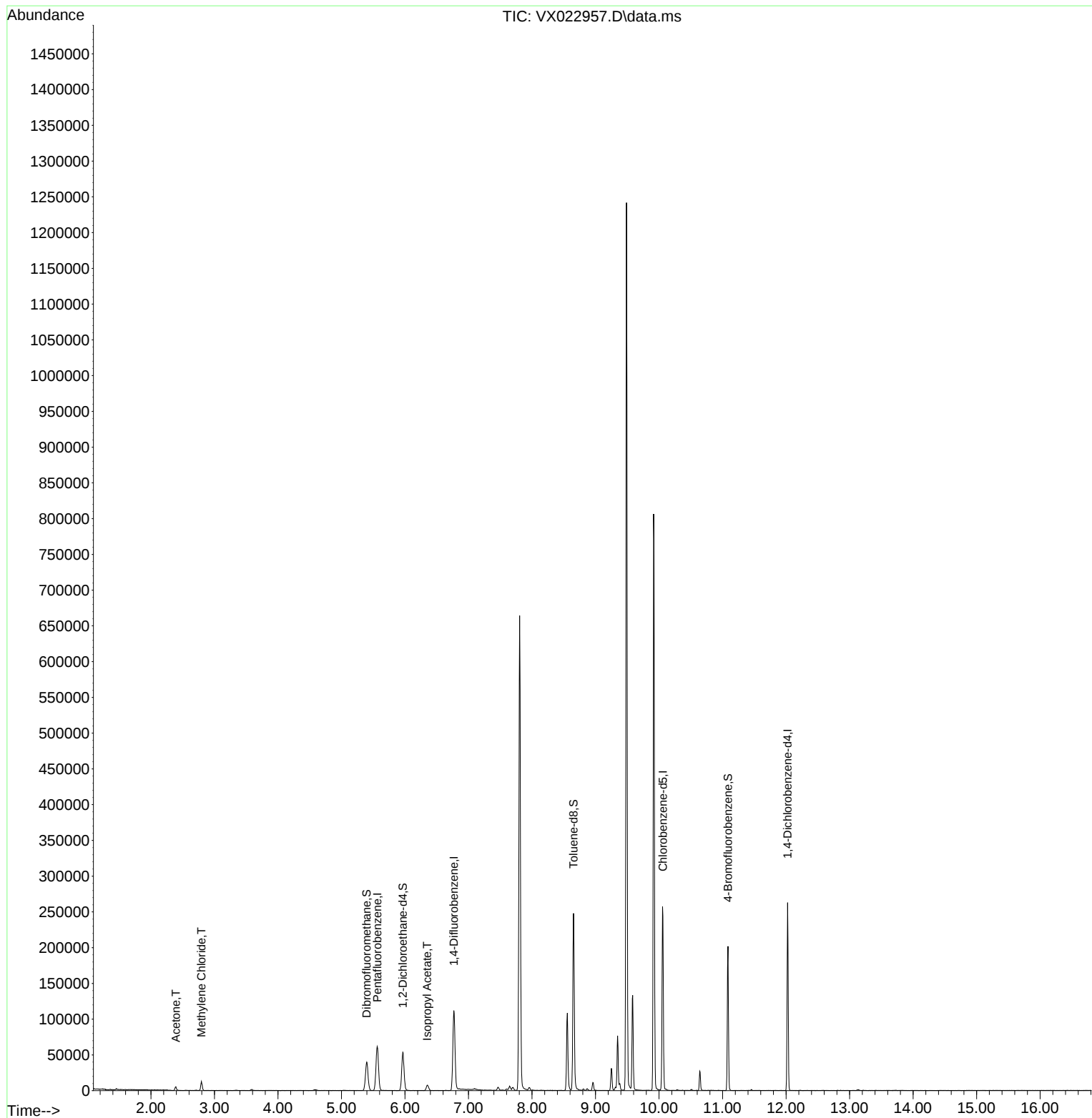
| Compound                    | R.T. QIon |       | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|--------|----------|
| -----                       |           |       |          |          |        |          |
| Internal Standards          |           |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562     | 168   | 50367    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769     | 114   | 106191   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.061    | 117   | 104996   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 44685    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |           |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964     | 65    | 48434    | 52.988   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 78 - 117 | Recovery | =      | 105.980% |
| 35) Dibromofluoromethane    | 5.397     | 113   | 33727    | 50.015   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 75 - 124 | Recovery | =      | 100.020% |
| 50) Toluene-d8              | 8.653     | 98    | 137227   | 51.924   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 92 - 112 | Recovery | =      | 103.840% |
| 62) 4-Bromofluorobenzene    | 11.085    | 95    | 51683    | 52.399   | ug/l   | 0.00     |
| Spiked Amount               | 50.000    | Range | 83 - 123 | Recovery | =      | 104.800% |
| Target Compounds            |           |       |          |          |        |          |
|                             |           |       |          |          |        | Qvalue   |
| 16) Acetone                 | 2.392     | 43    | 5758     | 14.209   | ug/l   | 90       |
| 20) Methylene Chloride      | 2.794     | 84    | 4502     | 5.932    | ug/l # | 82       |
| 43) Isopropyl Acetate       | 6.348     | 43    | 10446    | 4.973    | ug/l # | 89       |
| -----                       |           |       |          |          |        |          |

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

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Sample : PB137293ZHE#13  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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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

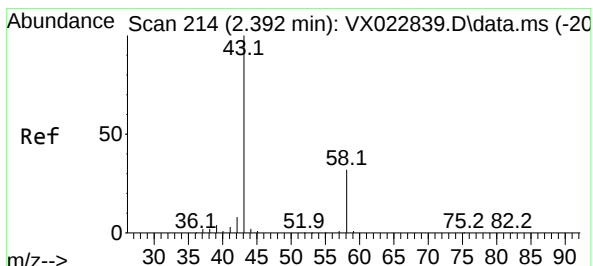
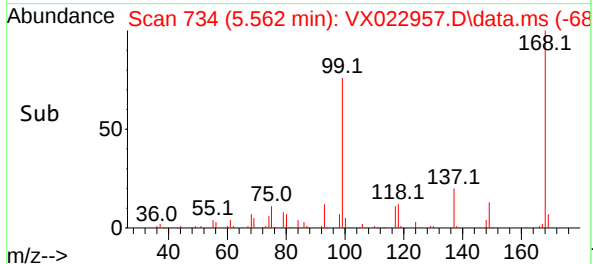
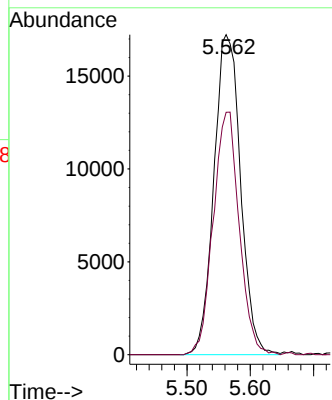
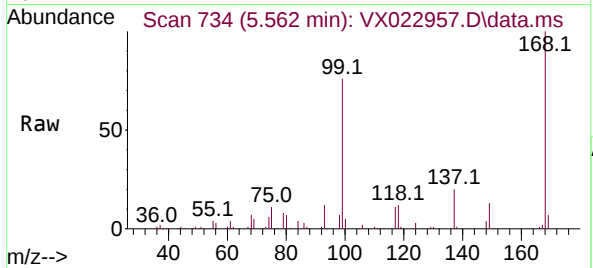




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. 0.006 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

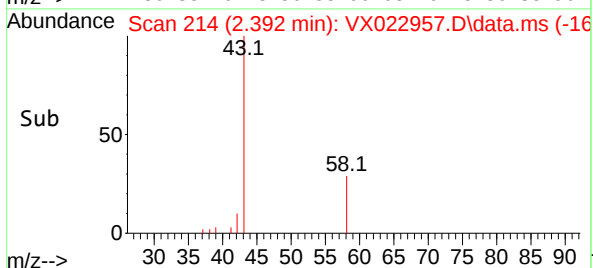
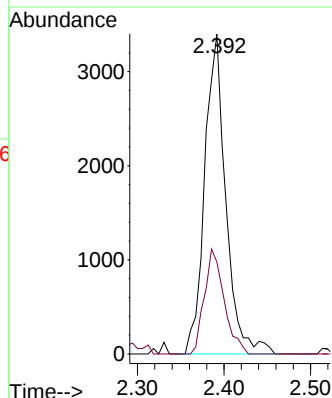
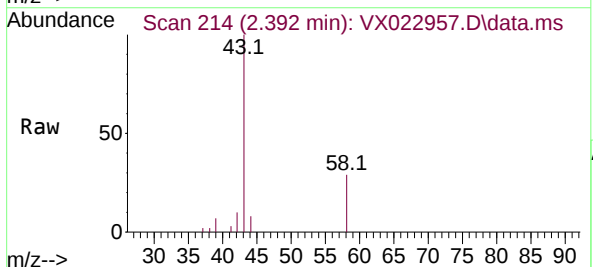
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137293ZHE#13

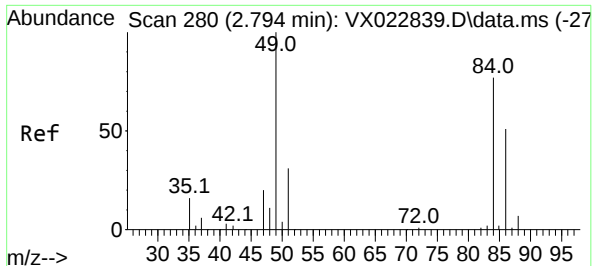
Tgt Ion:168 Resp: 50367  
Ion Ratio Lower Upper  
168 100  
99 75.8 45.8 68.6#



#16  
Acetone  
Concen: 14.209 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. -0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

Tgt Ion: 43 Resp: 5758  
Ion Ratio Lower Upper  
43 100  
58 28.8 27.8 41.8

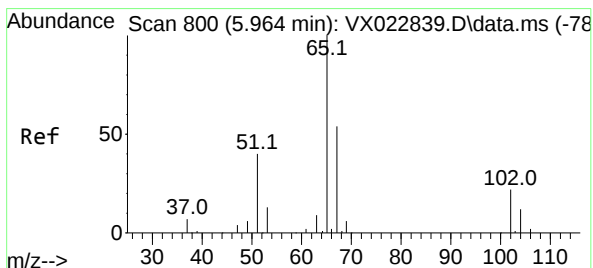
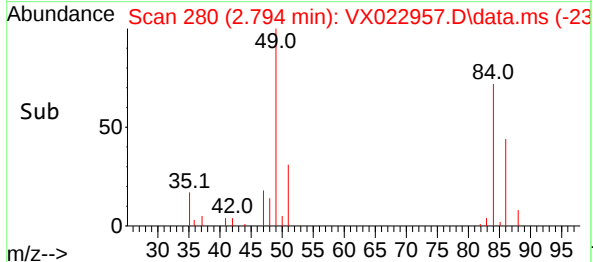
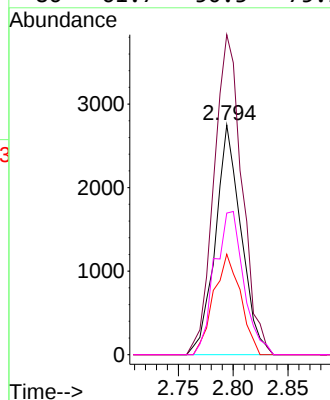
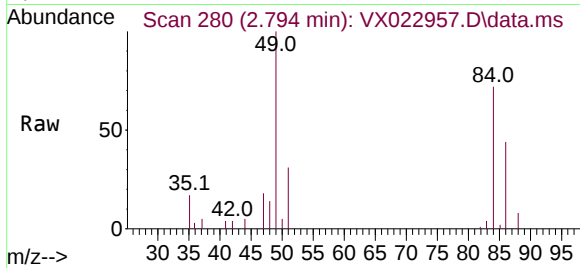




#20  
Methylene Chloride  
Concen: 5.932 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

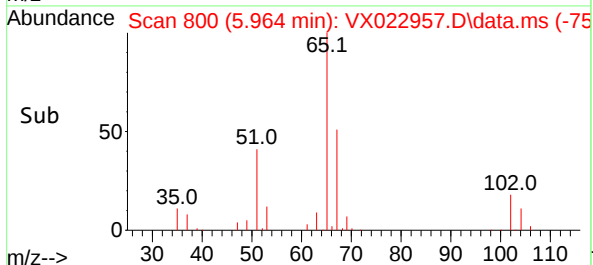
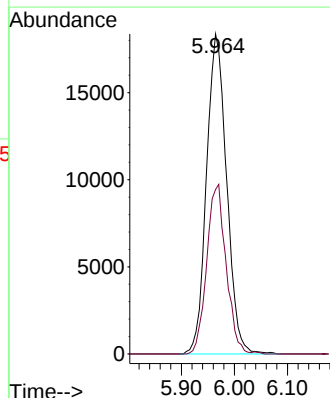
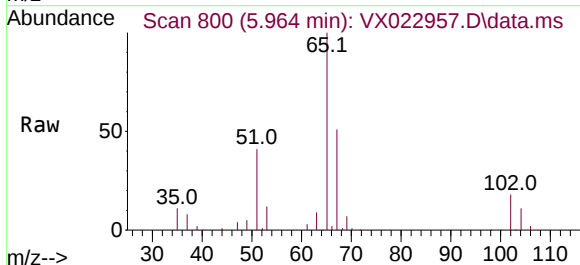
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB137293ZHE#13

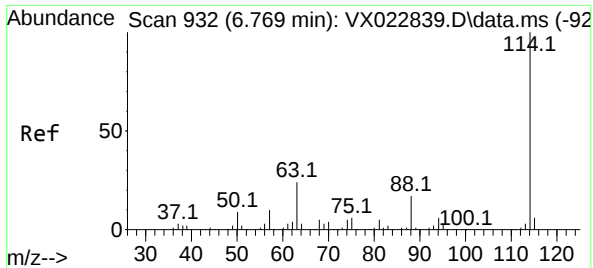
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 4502   |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 139.3 | 88.6  | 132.8# |
| 51       | 43.7  | 27.0  | 40.6#  |
| 86       | 61.7  | 50.3  | 75.5   |



#33  
1,2-Dichloroethane-d4  
Concen: 52.988 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 48434 |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 50.9  | 0.0   | 105.4 |

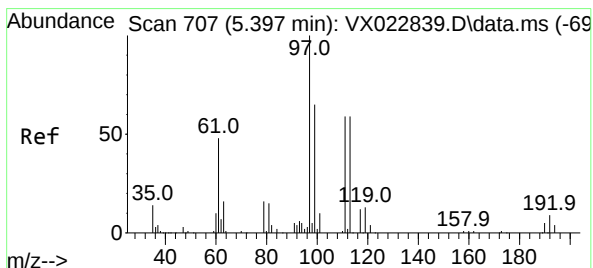
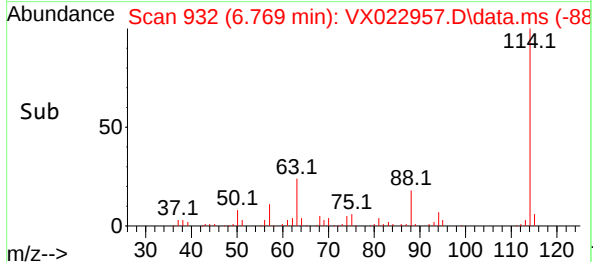
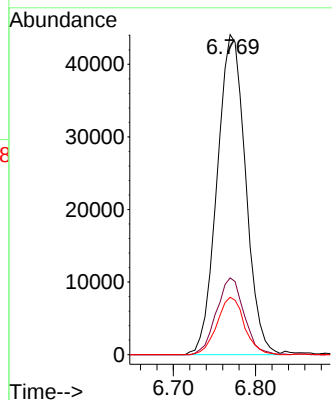
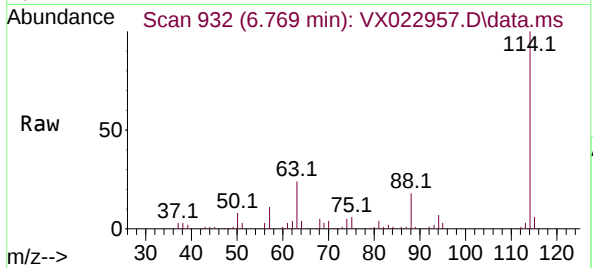




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

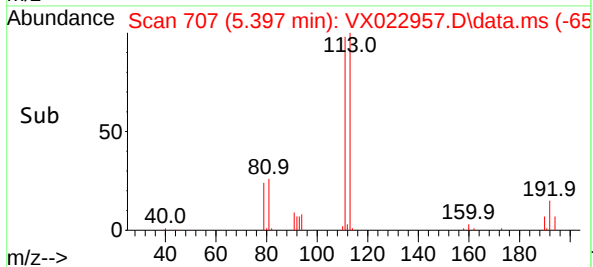
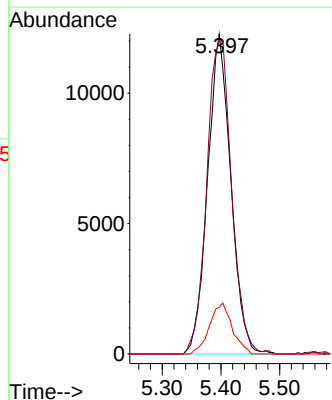
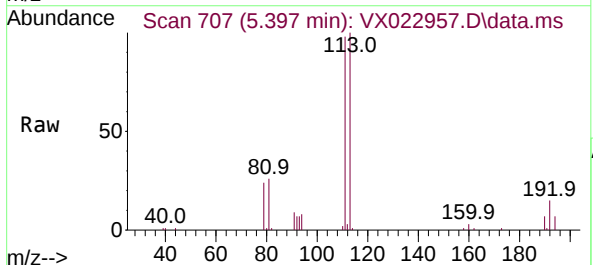
Instrument :  
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PB137293ZHE#13

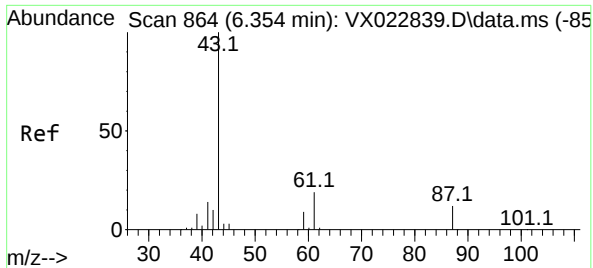
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 106191 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 24.0  | 0.0   | 40.8   |
| 88        | 17.9  | 0.0   | 32.8   |



#35  
Dibromofluoromethane  
Concen: 50.015 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 33727 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 104.7 | 81.9  | 122.9 |
| 192       | 15.5  | 16.7  | 25.1# |

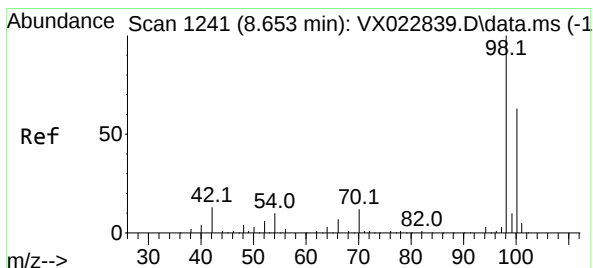
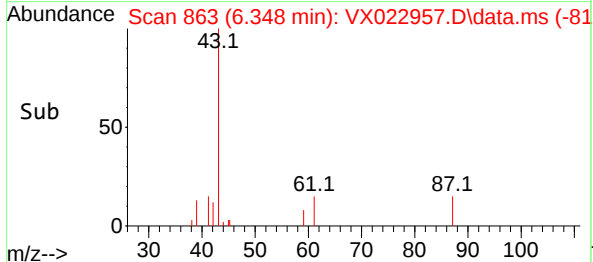
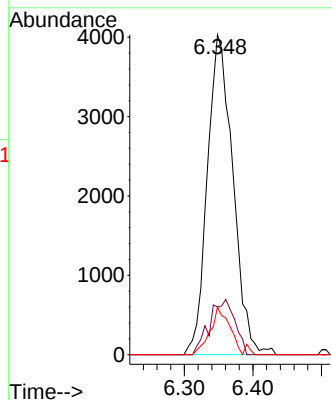
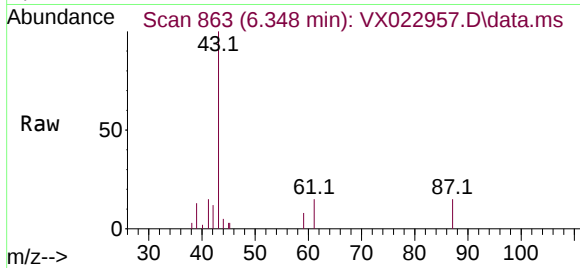




#43  
Isopropyl Acetate  
Concen: 4.973 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

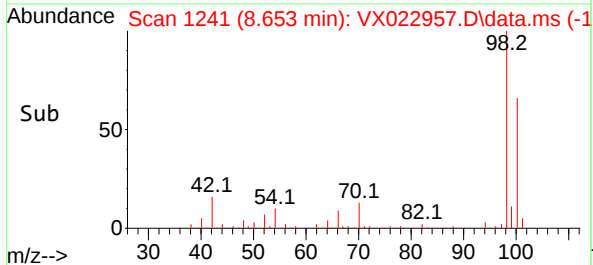
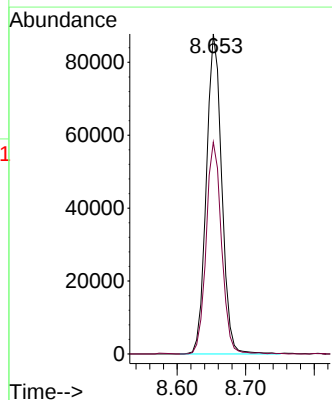
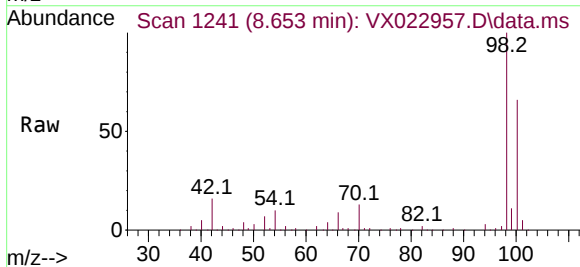
Instrument :  
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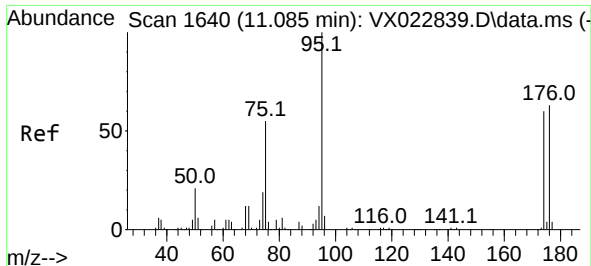
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 10446 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 17.3     | 18.2 27.4#  |
| 87 11.2     | 12.5 18.7#  |



#50  
Toluene-d8  
Concen: 51.924 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 137227 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 66.1    | 51.9 77.9    |

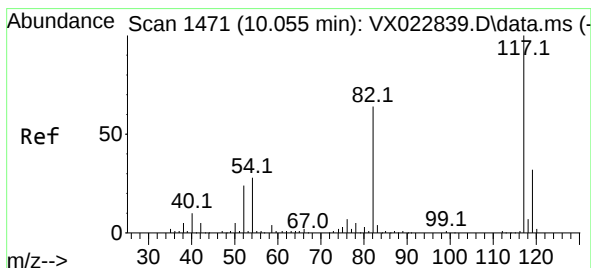
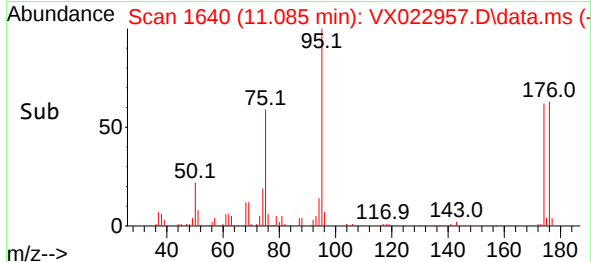
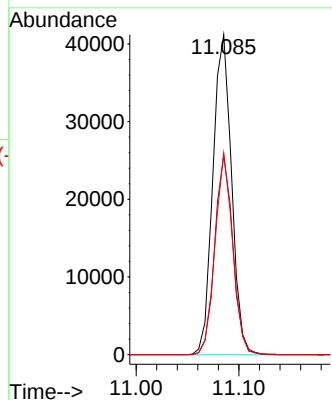
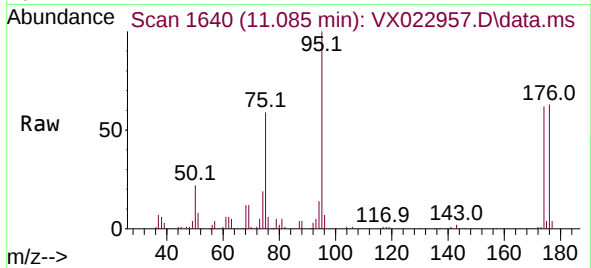




#62  
4-Bromofluorobenzene  
Concen: 52.399 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

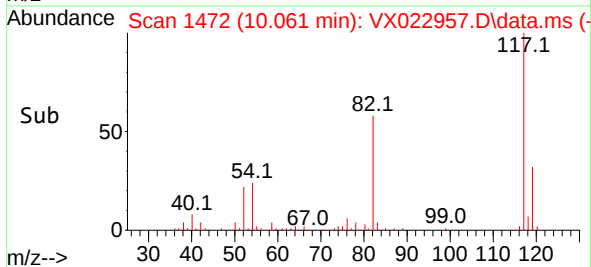
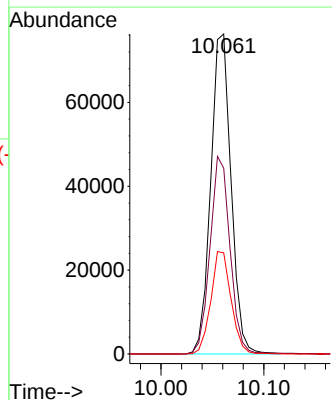
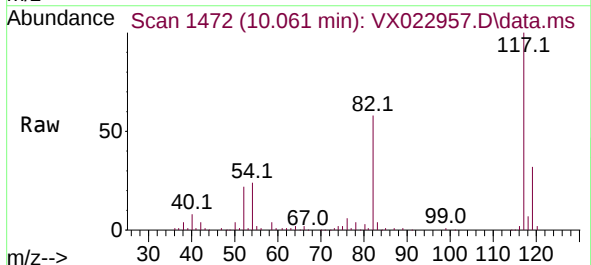
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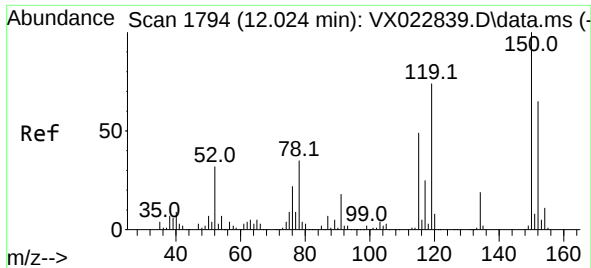
Tgt Ion: 95 Resp: 51683  
Ion Ratio Lower Upper  
95 100  
174 60.5 0.0 154.6  
176 59.7 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.061 min Scan# 1472  
Delta R.T. 0.006 min  
Lab File: VX022957.D  
Acq: 26 Jun 2021 05:47

Tgt Ion: 117 Resp: 104996  
Ion Ratio Lower Upper  
117 100  
82 58.0 47.4 71.2  
119 31.6 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: VX022957.D  
 Acq: 26 Jun 2021 05:47

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB137293ZHE#13

Tgt Ion:152 Resp: 44685  
 Ion Ratio Lower Upper  
 152 100  
 115 68.8 41.1 123.3  
 150 160.9 0.0 349.0

