

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031121\  
 Data File : VX021152.D  
 Acq On : 11 Mar 2021 13:35  
 Operator : JC/MD  
 Sample : PB135104TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB135104TB

Quant Time: Mar 12 02:19:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Feb 24 13:50:55 2021  
 Response via : Initial Calibration

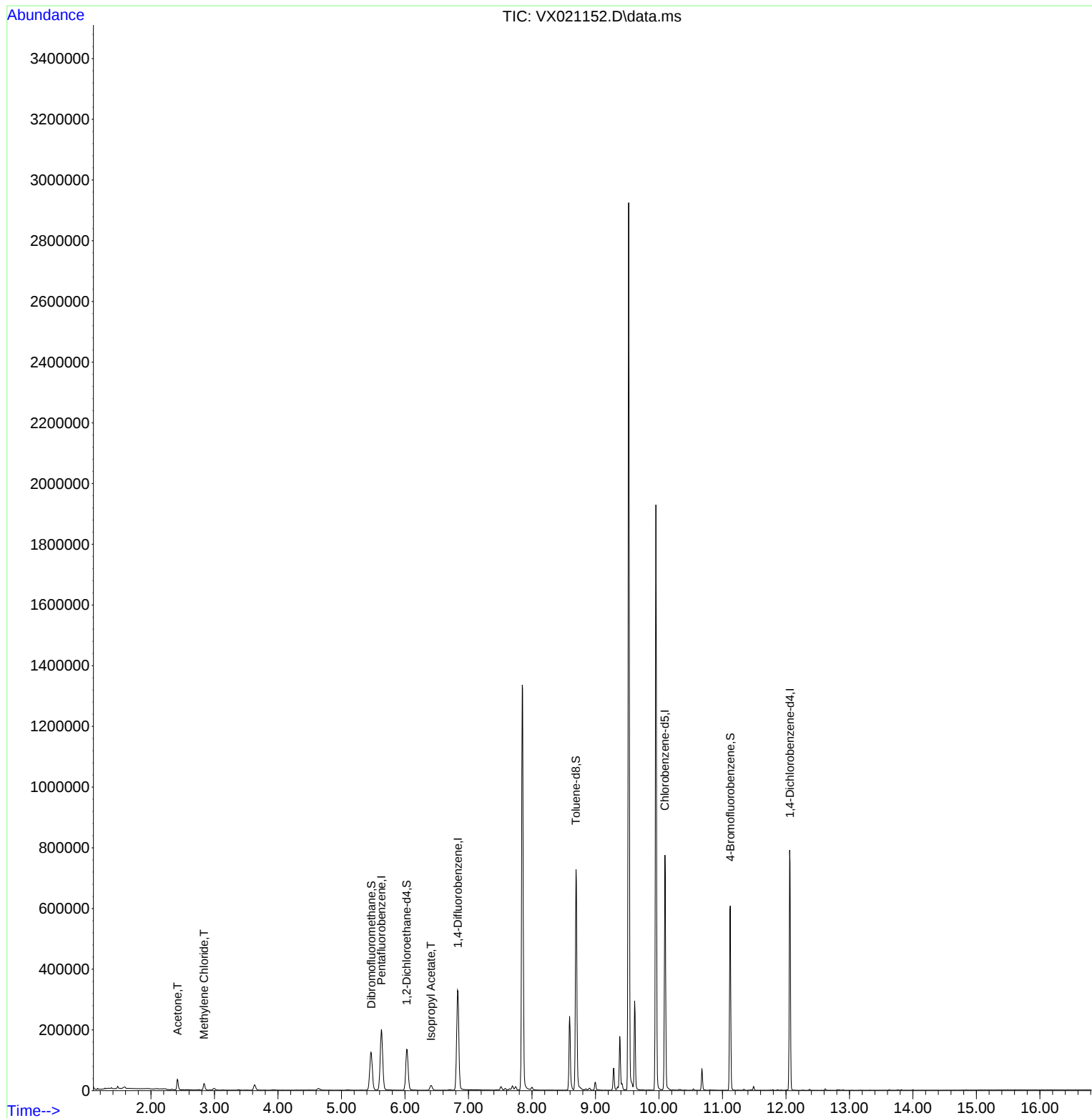
| Compound                    | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-------|----------|
| -----                       |        |       |          |          |       |          |
| Internal Standards          |        |       |          |          |       |          |
| 1) Pentafluorobenzene       | 5.629  | 168   | 189576   | 50.00    | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.835  | 114   | 352116   | 50.00    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 363098   | 50.00    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.065 | 152   | 167970   | 50.00    | ug/l  | 0.00     |
|                             |        |       |          |          |       |          |
| System Monitoring Compounds |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 127910   | 49.95    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =     | 99.90%   |
| 35) Dibromofluoromethane    | 5.470  | 113   | 111459   | 52.10    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =     | 104.20%  |
| 50) Toluene-d8              | 8.694  | 98    | 457157   | 54.80    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =     | 109.60%  |
| 62) 4-Bromofluorobenzene    | 11.123 | 95    | 174148   | 56.46    | ug/l  | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =     | 112.92%  |
|                             |        |       |          |          |       |          |
| Target Compounds            |        |       |          |          |       | Qvalue   |
| 16) Acetone                 | 2.416  | 43    | 36692    | 34.77    | ug/l  | 100      |
| 20) Methylene Chloride      | 2.834  | 84    | 10432    | 4.12     | ug/l  | 96       |
| 43) Isopropyl Acetate       | 6.411  | 43    | 21062    | 3.89     | ug/l  | 99       |
| -----                       |        |       |          |          |       |          |

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

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Sample : PB135104TB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135104TB

Quant Time: Mar 12 02:19:35 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X022421W.M  
Quant Title : SW846 8260  
QLast Update : Wed Feb 24 13:50:55 2021  
Response via : Initial Calibration

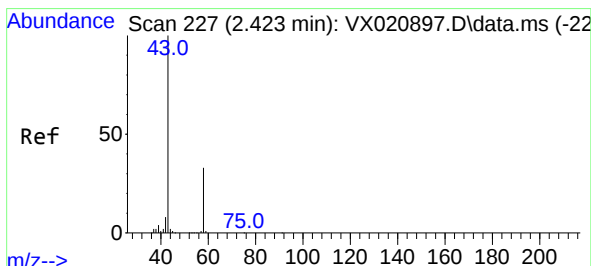
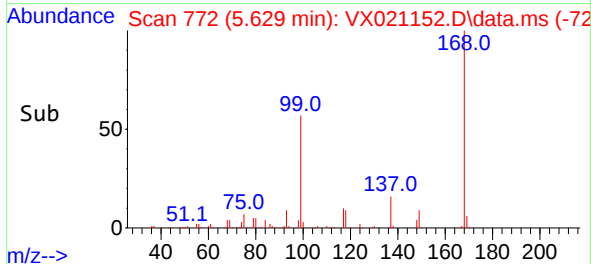
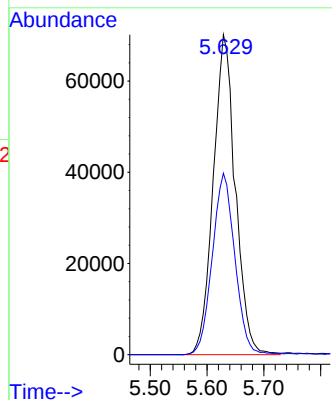
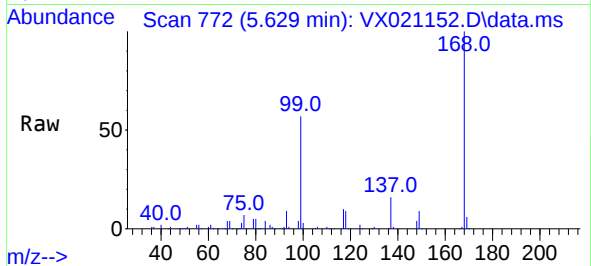




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.629 min Scan# 772  
Delta R.T. 0.006 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

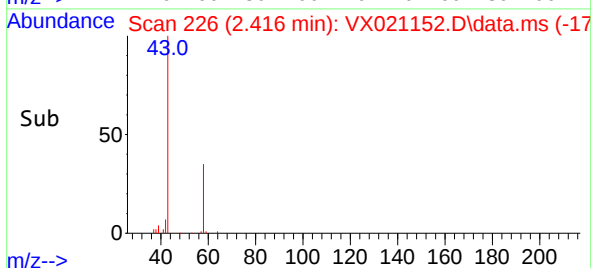
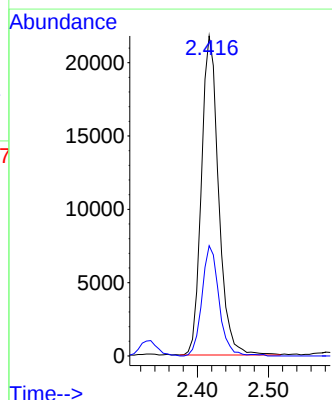
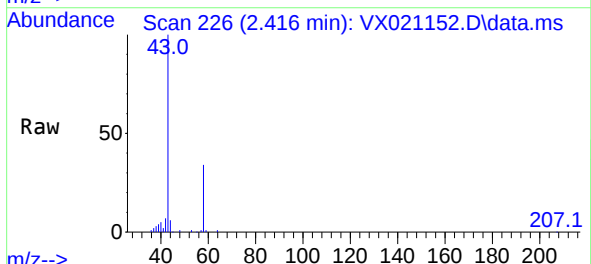
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135104TB

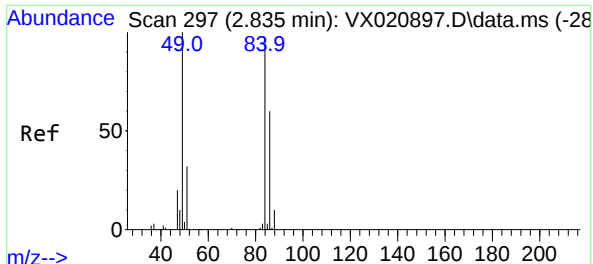
Tgt Ion:168 Resp: 189576  
Ion Ratio Lower Upper  
168 100  
99 56.7 45.8 68.6



#16  
Acetone  
Concen: 34.77 ug/l  
RT: 2.416 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

Tgt Ion: 43 Resp: 36692  
Ion Ratio Lower Upper  
43 100  
58 34.5 27.8 41.8

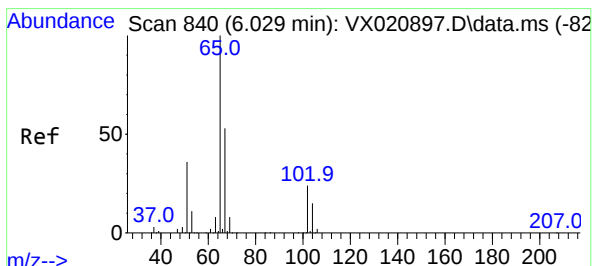
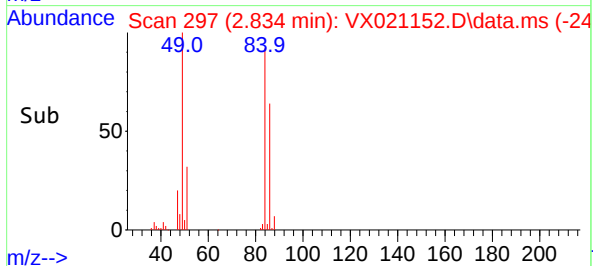
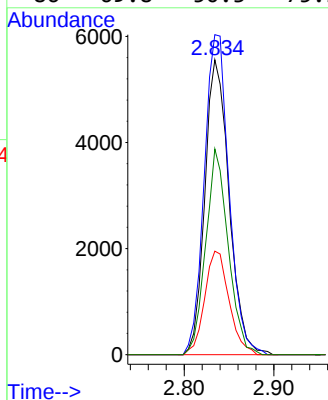
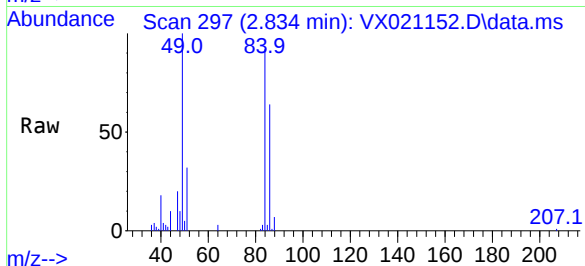




#20  
Methylene Chloride  
Concen: 4.12 ug/l  
RT: 2.834 min Scan# 297  
Delta R.T. -0.000 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

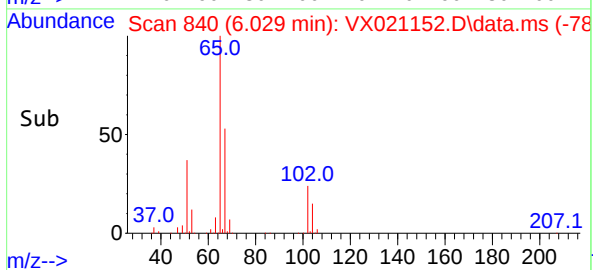
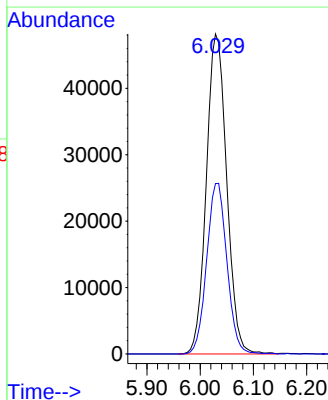
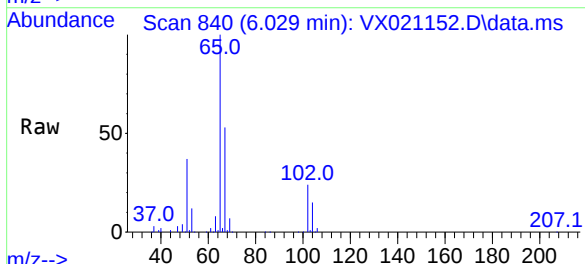
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135104TB

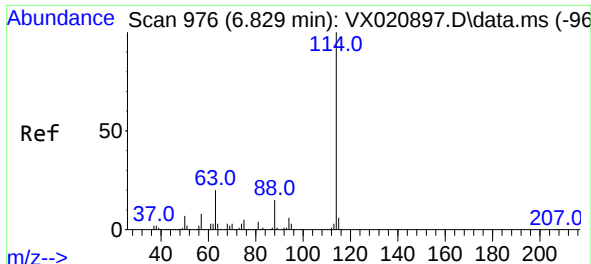
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 10432 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 108.5 | 88.6  | 132.8 |
| 51       | 35.1  | 27.0  | 40.6  |
| 86       | 69.8  | 50.3  | 75.5  |



#33  
1,2-Dichloroethane-d4  
Concen: 49.95 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

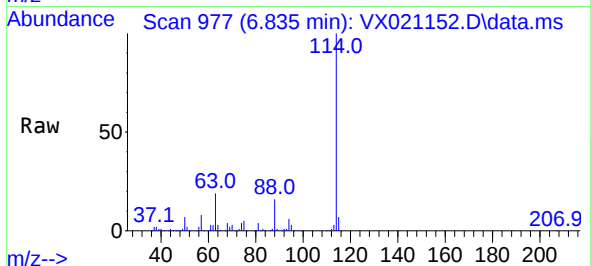
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 127910 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 52.9  | 0.0   | 105.4  |



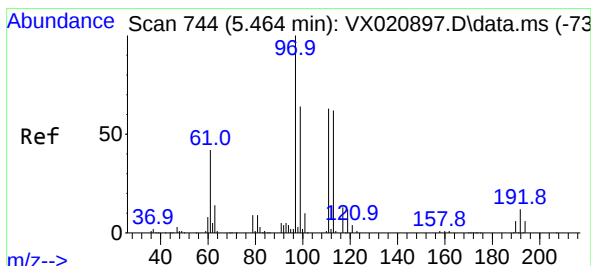
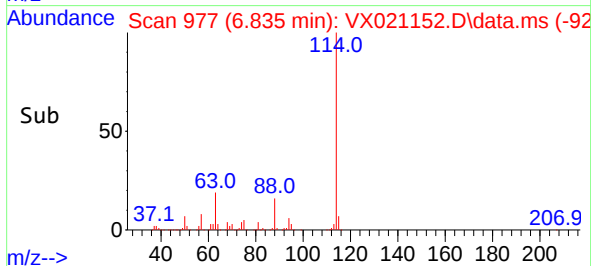
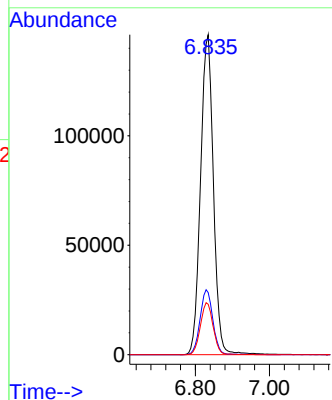


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.835 min Scan# 977  
Delta R.T. 0.006 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135104TB

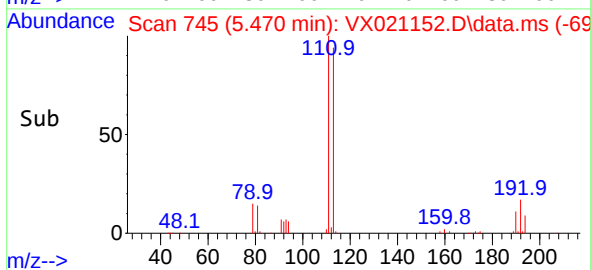
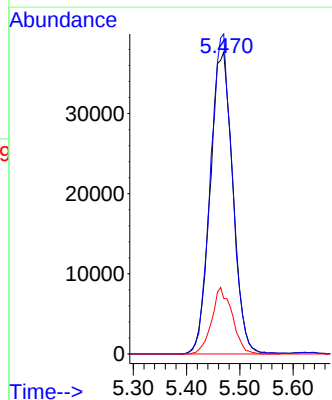
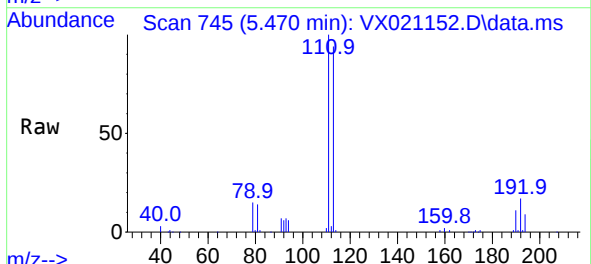


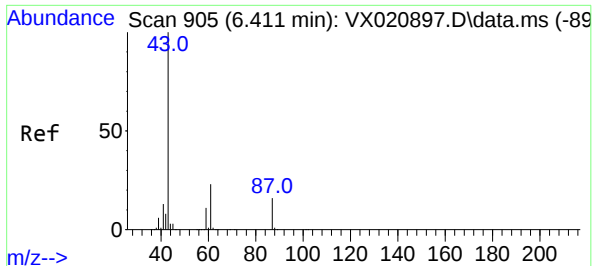
Tgt Ion:114 Resp: 352116  
Ion Ratio Lower Upper  
114 100  
63 19.4 0.0 40.8  
88 15.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 52.10 ug/l  
RT: 5.470 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

Tgt Ion:113 Resp: 111459  
Ion Ratio Lower Upper  
113 100  
111 101.8 81.9 122.9  
192 19.9 16.7 25.1

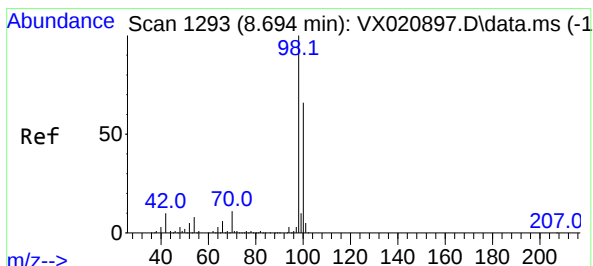
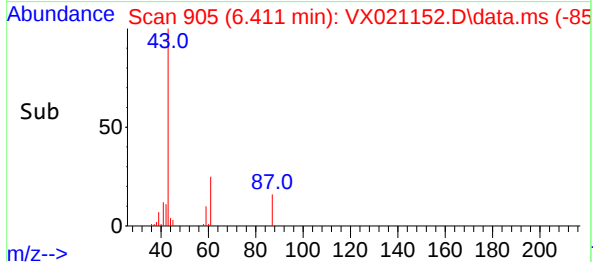
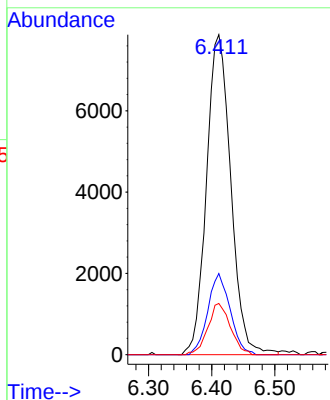
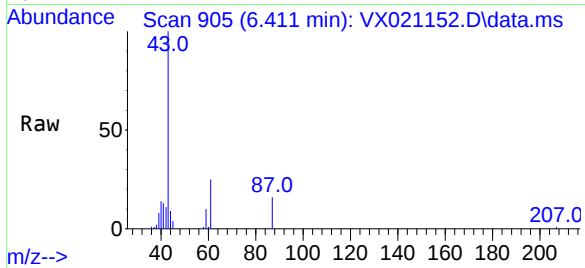




#43  
Isopropyl Acetate  
Concen: 3.89 ug/l  
RT: 6.411 min Scan# 905  
Delta R.T. -0.000 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

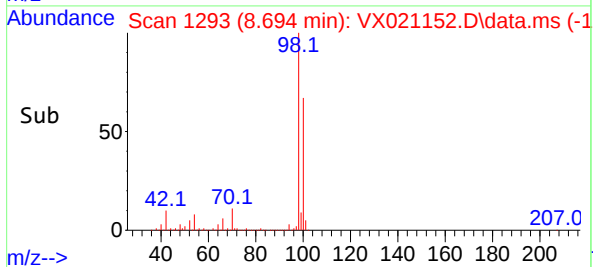
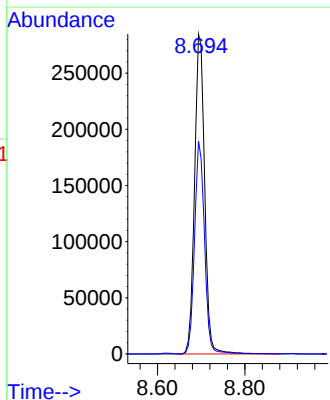
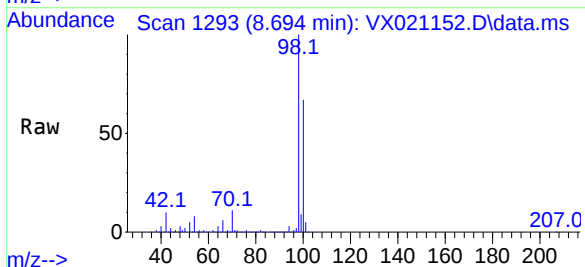
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135104TB

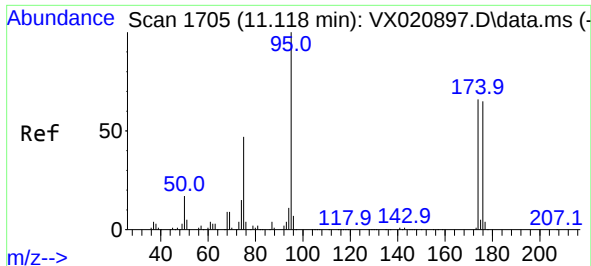
|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 21062 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 23.3     | 18.2 27.4   |
| 87 14.9     | 12.5 18.7   |



#50  
Toluene-d8  
Concen: 54.80 ug/l  
RT: 8.694 min Scan# 1293  
Delta R.T. -0.000 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 457157 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 65.8    | 51.9 77.9    |

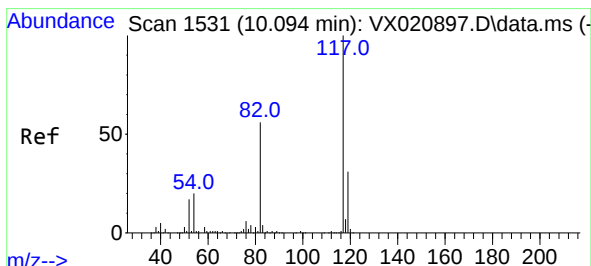
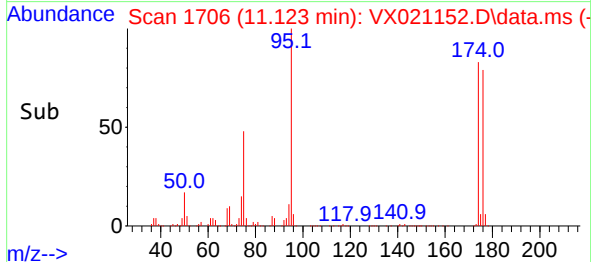
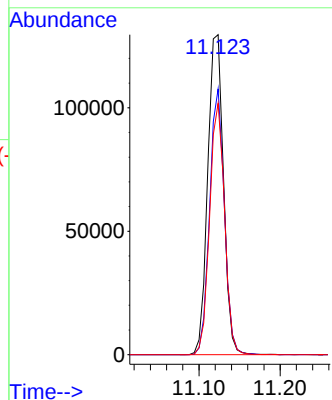
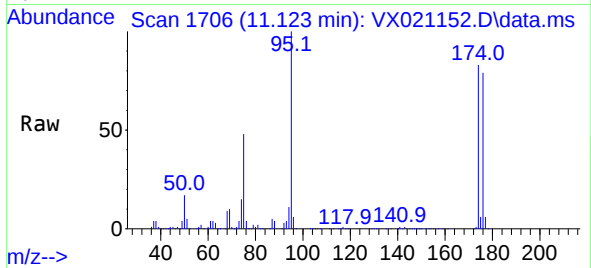




#62  
4-Bromofluorobenzene  
Concen: 56.46 ug/l  
RT: 11.123 min Scan# 1706  
Delta R.T. 0.006 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

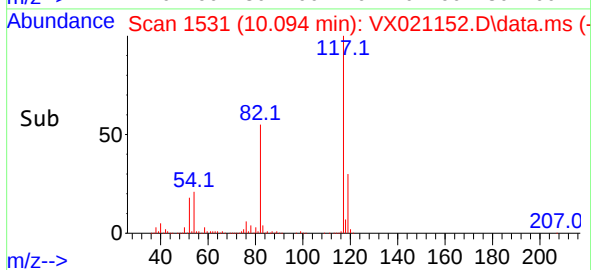
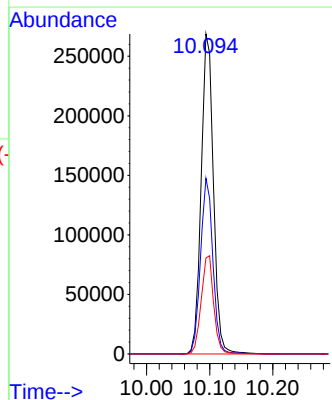
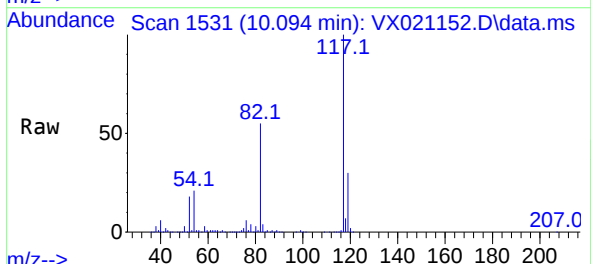
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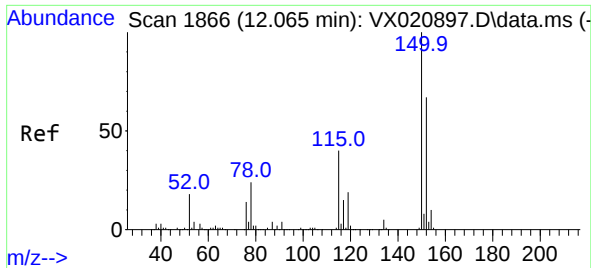
Tgt Ion: 95 Resp: 174148  
Ion Ratio Lower Upper  
95 100  
174 77.7 0.0 154.6  
176 74.6 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021152.D  
Acq: 11 Mar 2021 13:35

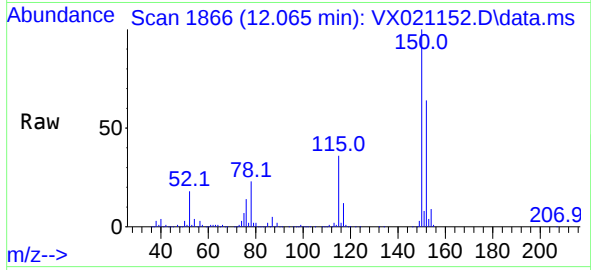
Tgt Ion: 117 Resp: 363098  
Ion Ratio Lower Upper  
117 100  
82 54.9 47.4 71.2  
119 30.0 26.6 39.8





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.00 ug/l  
 RT: 12.065 min Scan# 1866  
 Delta R.T. -0.000 min  
 Lab File: VX021152.D  
 Acq: 11 Mar 2021 13:35

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
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Tgt Ion:152 Resp: 167970

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 58.8  | 41.1  | 123.3 |
| 150 | 160.9 | 0.0   | 349.0 |

