

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030921\  
 Data File : VX021119.D  
 Acq On : 09 Mar 2021 19:07  
 Operator : JC/MD  
 Sample : PB135055TB  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB135055TB

Quant Time: Mar 10 00:34:34 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

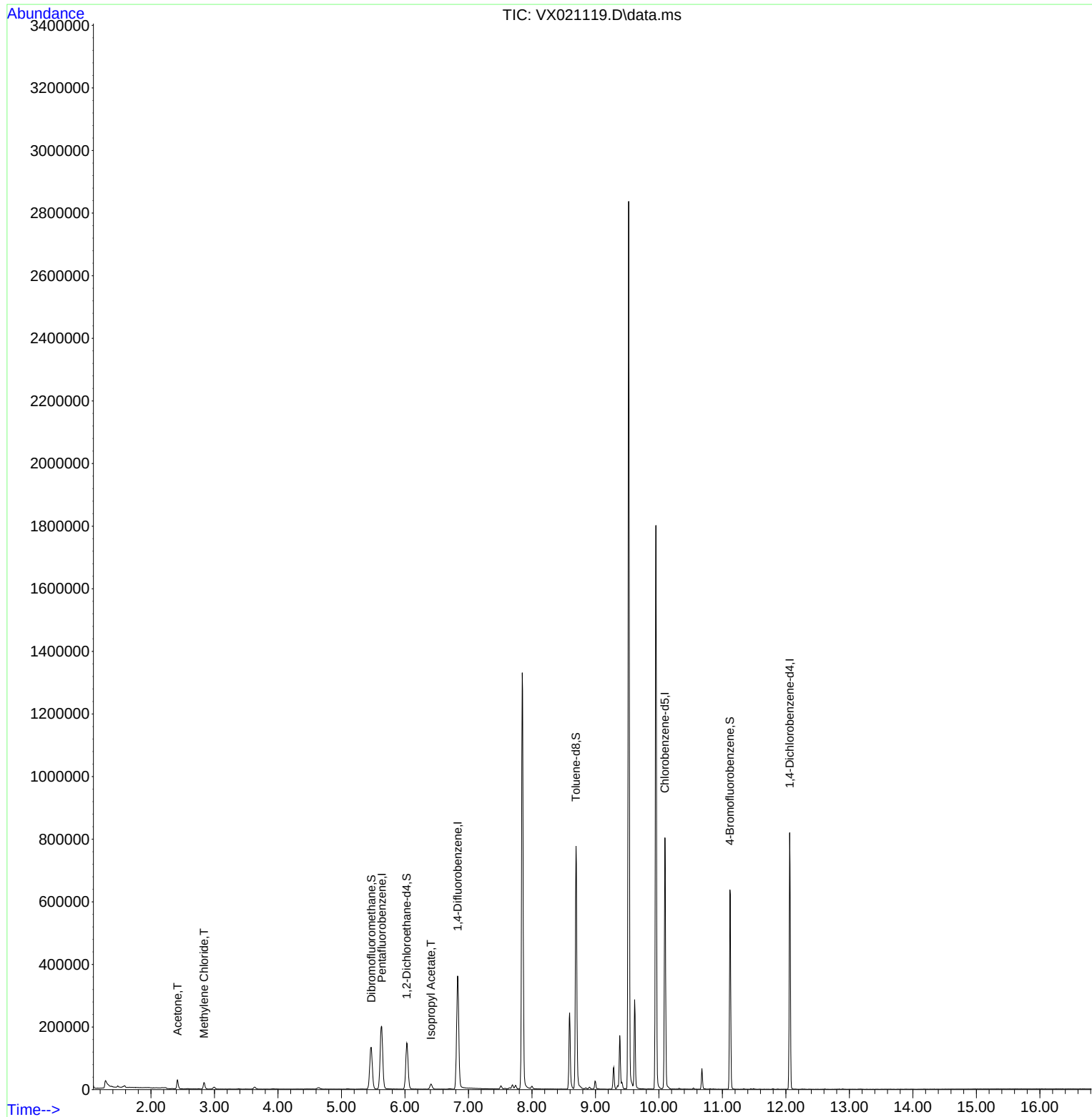
| Compound                    | R.T.   | QIon  | Response | Conc     | Units     | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|-----------|----------|
| -----                       |        |       |          |          |           |          |
| Internal Standards          |        |       |          |          |           |          |
| 1) Pentafluorobenzene       | 5.635  | 168   | 203729   | 50.00    | ug/l      | 0.01     |
| 34) 1,4-Difluorobenzene     | 6.829  | 114   | 376245   | 50.00    | ug/l      | 0.00     |
| 63) Chlorobenzene-d5        | 10.094 | 117   | 371503   | 50.00    | ug/l      | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.059 | 152   | 167261   | 50.00    | ug/l      | 0.00     |
| System Monitoring Compounds |        |       |          |          |           |          |
| 33) 1,2-Dichloroethane-d4   | 6.029  | 65    | 137840   | 50.09    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | = 100.18% |          |
| 35) Dibromofluoromethane    | 5.470  | 113   | 119669   | 52.35    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | = 104.70% |          |
| 50) Toluene-d8              | 8.694  | 98    | 476903   | 53.50    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | = 107.00% |          |
| 62) 4-Bromofluorobenzene    | 11.118 | 95    | 181671   | 55.12    | ug/l      | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | = 110.24% |          |
| Target Compounds            |        |       |          |          |           |          |
| 16) Acetone                 | 2.417  | 43    | 29350    | 25.88    | ug/l      | 98       |
| 20) Methylene Chloride      | 2.834  | 84    | 10088    | 3.71     | ug/l      | 98       |
| 43) Isopropyl Acetate       | 6.411  | 43    | 20555    | 3.55     | ug/l      | 99       |
| -----                       |        |       |          |          |           |          |

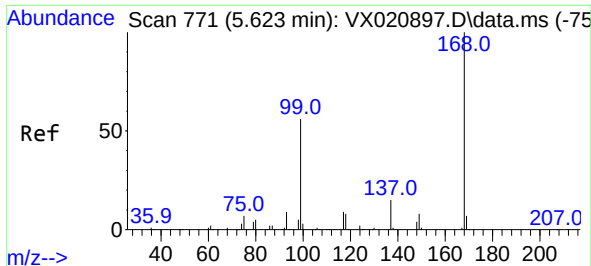
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX030921\  
Data File : VX021119.D  
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Operator : JC/MD  
Sample : PB135055TB  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135055TB

Quant Time: Mar 10 00:34:34 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

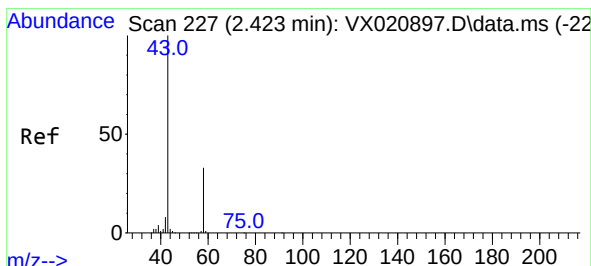
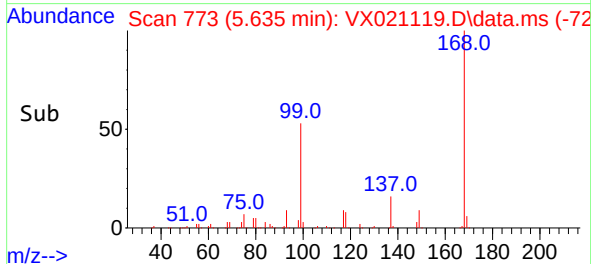
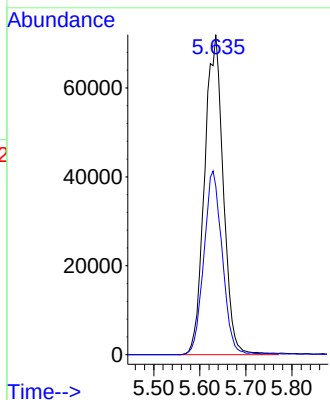
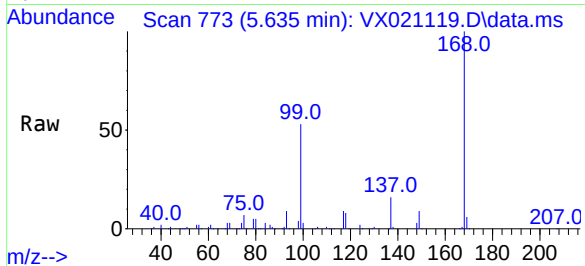




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.635 min Scan# 773  
Delta R.T. 0.012 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

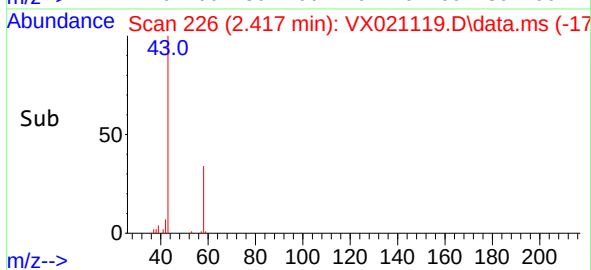
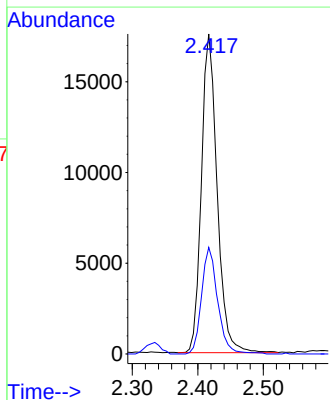
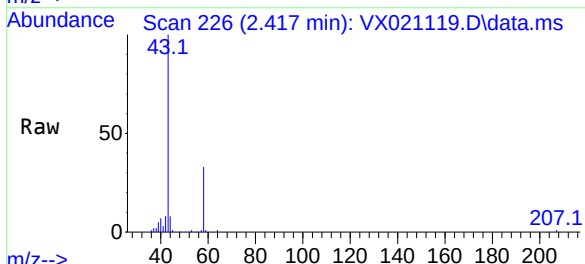
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135055TB

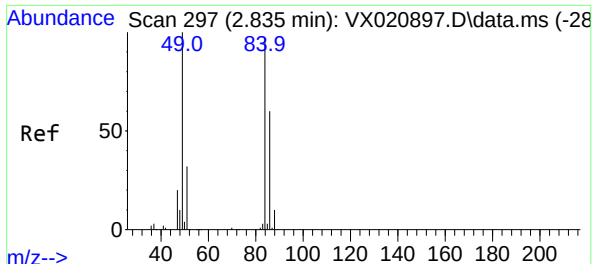
Tgt Ion:168 Resp: 203729  
Ion Ratio Lower Upper  
168 100  
99 52.6 45.8 68.6



#16  
Acetone  
Concen: 25.88 ug/l  
RT: 2.417 min Scan# 226  
Delta R.T. -0.006 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

Tgt Ion: 43 Resp: 29350  
Ion Ratio Lower Upper  
43 100  
58 33.4 27.8 41.8



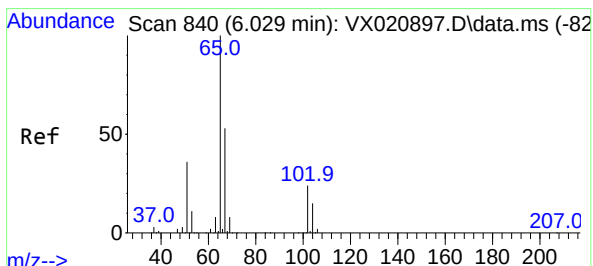
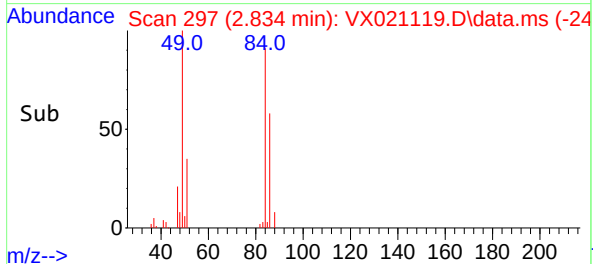
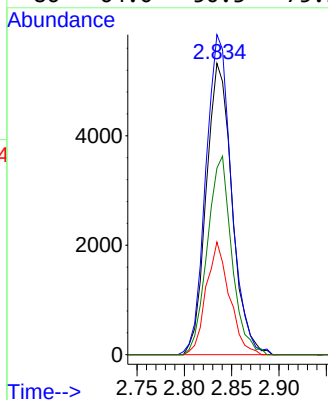
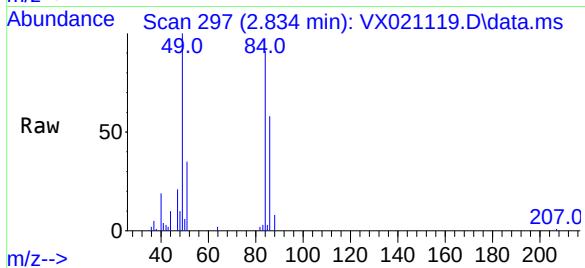


#20  
Methylene Chloride  
Concen: 3.71 ug/l  
RT: 2.834 min Scan# 297  
Delta R.T. -0.000 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135055TB

Tgt Ion: 84 Resp: 10088

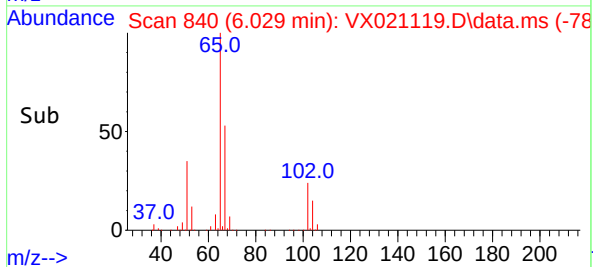
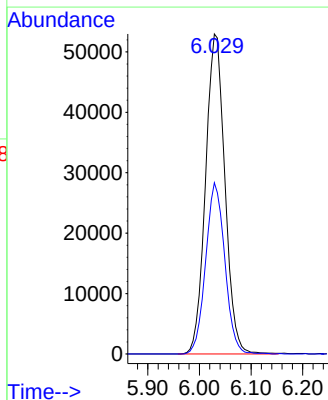
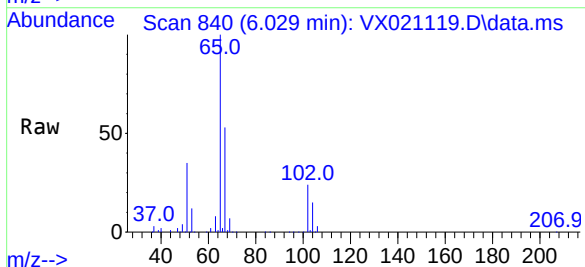
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 109.8 | 88.6  | 132.8 |
| 51  | 38.7  | 27.0  | 40.6  |
| 86  | 64.0  | 50.3  | 75.5  |

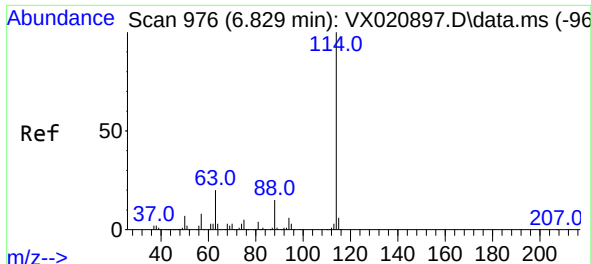


#33  
1,2-Dichloroethane-d4  
Concen: 50.09 ug/l  
RT: 6.029 min Scan# 840  
Delta R.T. -0.000 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

Tgt Ion: 65 Resp: 137840

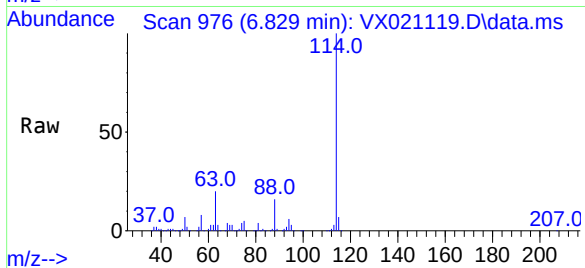
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.9  | 0.0   | 105.4 |



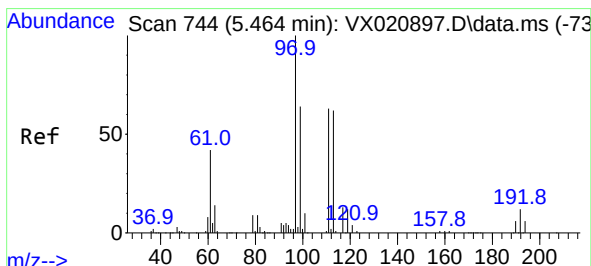
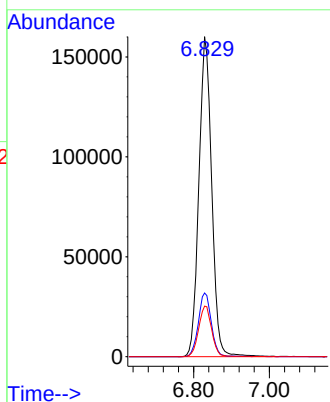
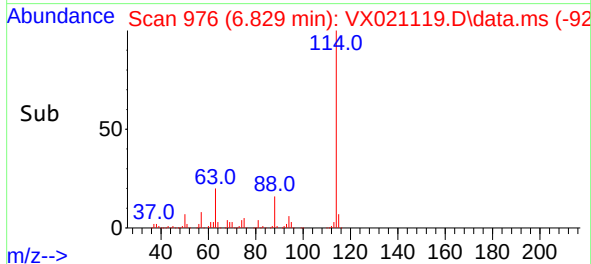


#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.829 min Scan# 976  
Delta R.T. -0.000 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

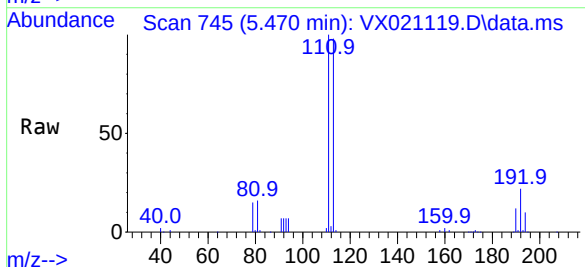
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135055TB



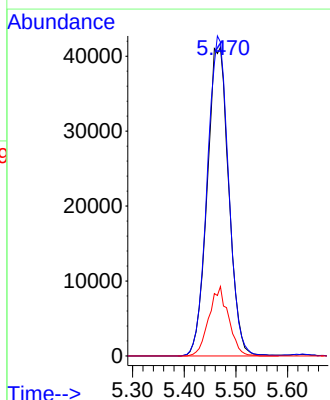
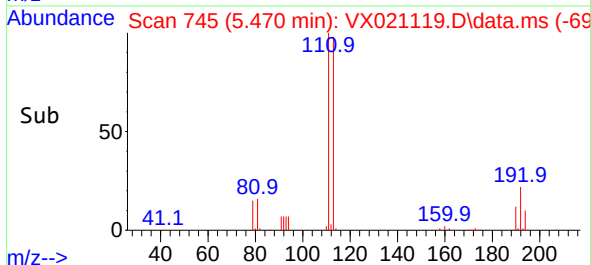
Tgt Ion:114 Resp: 376245  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 40.8  
88 15.8 0.0 32.8

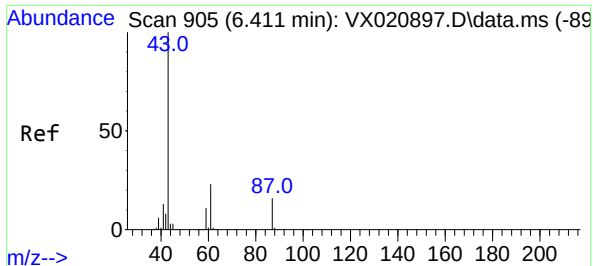


#35  
Dibromofluoromethane  
Concen: 52.35 ug/l  
RT: 5.470 min Scan# 745  
Delta R.T. 0.006 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07



Tgt Ion:113 Resp: 119669  
Ion Ratio Lower Upper  
113 100  
111 102.2 81.9 122.9  
192 20.5 16.7 25.1





#43

Isopropyl Acetate

Concen: 3.55 ug/l

RT: 6.411 min Scan# 905

Delta R.T. -0.000 min

Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

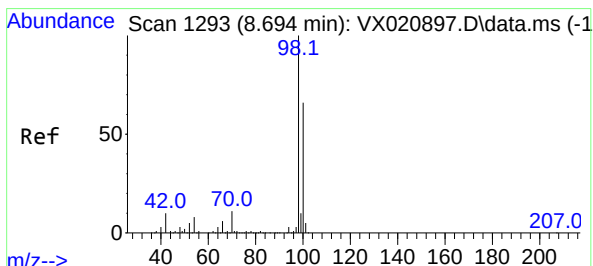
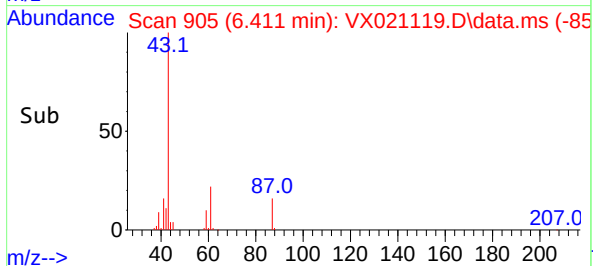
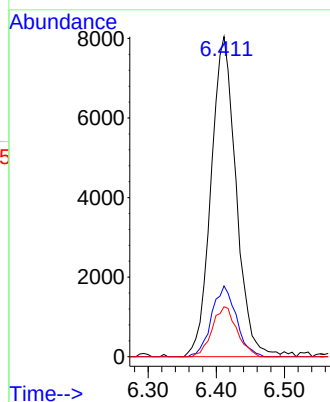
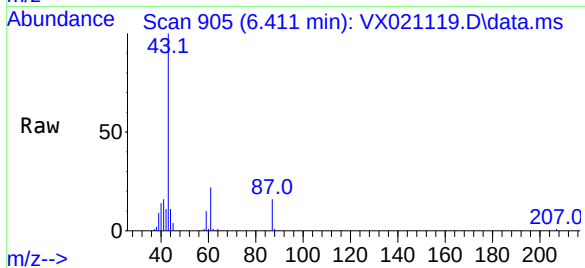
Instrument :

MSVOA\_X

ClientSampleId :

PB135055TB

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 20555 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 61 21.8     | 18.2 27.4   |
| 87 15.4     | 12.5 18.7   |



#50

Toluene-d8

Concen: 53.50 ug/l

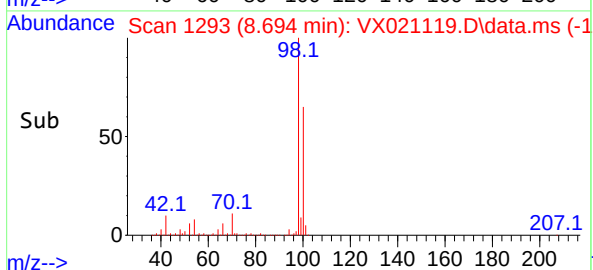
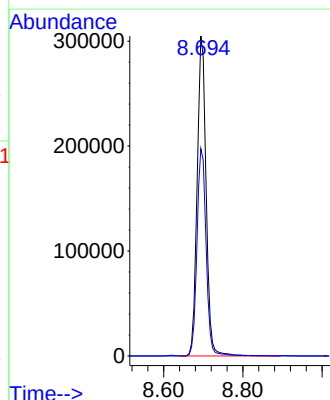
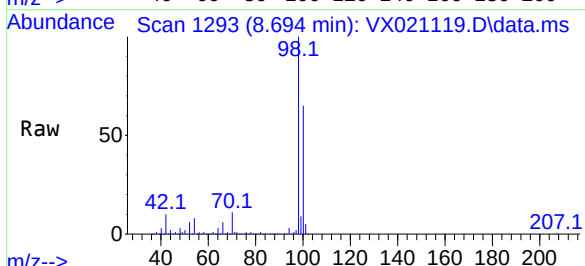
RT: 8.694 min Scan# 1293

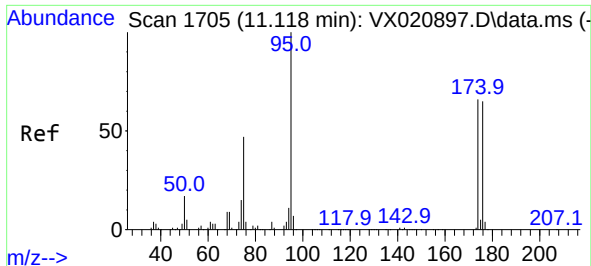
Delta R.T. -0.000 min

Lab File: VX021119.D

Acq: 09 Mar 2021 19:07

|             |              |
|-------------|--------------|
| Tgt Ion: 98 | Resp: 476903 |
| Ion Ratio   | Lower Upper  |
| 98 100      |              |
| 100 66.1    | 51.9 77.9    |

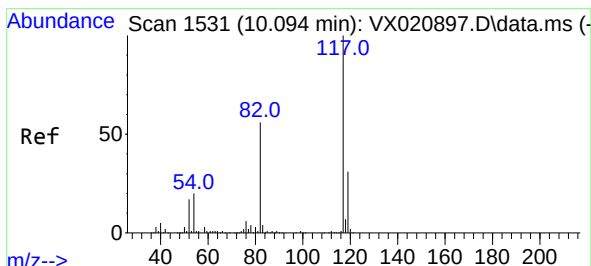
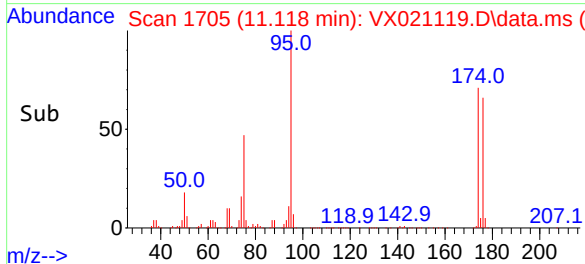
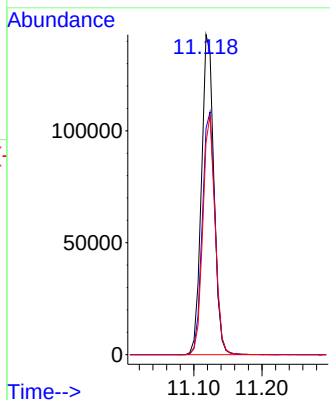
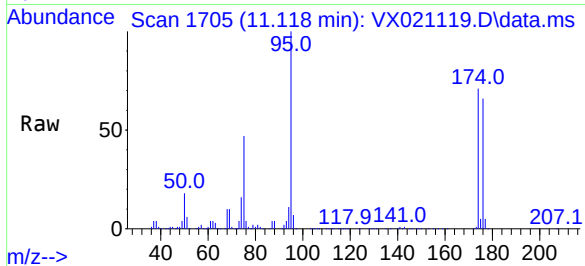




#62  
4-Bromofluorobenzene  
Concen: 55.12 ug/l  
RT: 11.118 min Scan# 1705  
Delta R.T. -0.000 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

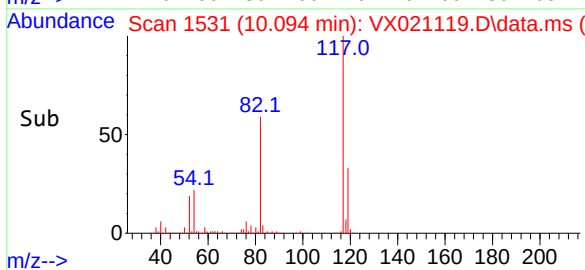
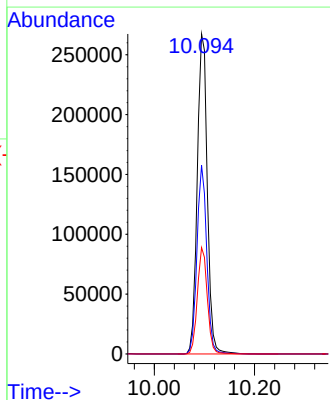
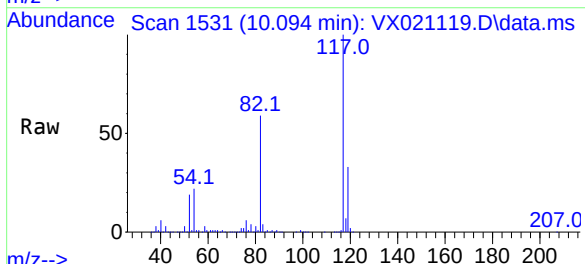
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135055TB

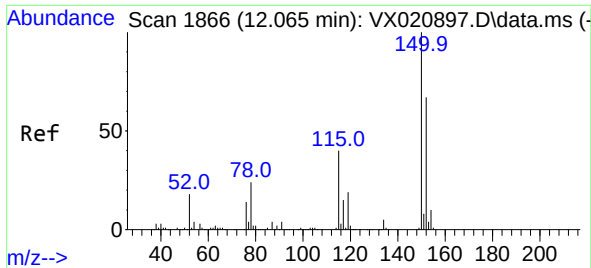
Tgt Ion: 95 Resp: 181671  
Ion Ratio Lower Upper  
95 100  
174 77.6 0.0 154.6  
176 73.4 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.094 min Scan# 1531  
Delta R.T. -0.000 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

Tgt Ion: 117 Resp: 371503  
Ion Ratio Lower Upper  
117 100  
82 58.9 47.4 71.2  
119 33.2 26.6 39.8





#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.059 min Scan# 1865  
Delta R.T. -0.006 min  
Lab File: VX021119.D  
Acq: 09 Mar 2021 19:07

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB135055TB

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 152   | Resp: | 167261 |
| Ion      | Ratio | Lower | Upper  |
| 152      | 100   |       |        |
| 115      | 59.9  | 41.1  | 123.3  |
| 150      | 162.4 | 0.0   | 349.0  |

