

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX060321\  
 Data File : VX022386.D  
 Acq On : 03 Jun 2021 23:27  
 Operator : JC/MD  
 Sample : PB36780ZHE#01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB36780ZHE#01

Quant Time: Jun 04 05:38:03 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed May 19 14:23:10 2021  
 Response via : Initial Calibration

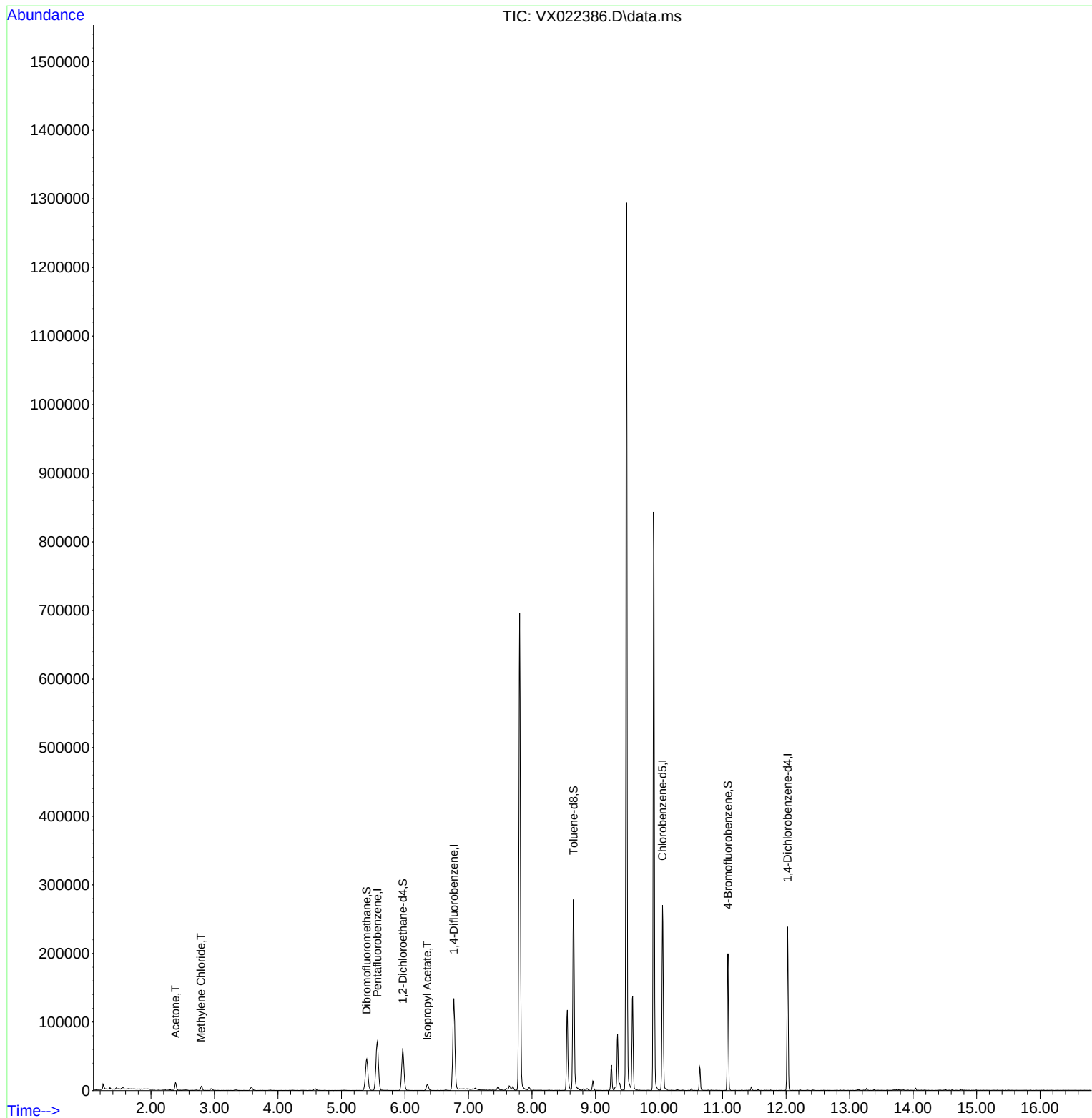
| Compound                    | R.T. QIon      |     | Response | Conc   | Units    | Dev(Min) |
|-----------------------------|----------------|-----|----------|--------|----------|----------|
| -----                       |                |     |          |        |          |          |
| Internal Standards          |                |     |          |        |          |          |
| 1) Pentafluorobenzene       | 5.562          | 168 | 60542    | 50.000 | ug/l     | # 0.00   |
| 34) 1,4-Difluorobenzene     | 6.769          | 114 | 127332   | 50.000 | ug/l     | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117 | 115153   | 50.000 | ug/l     | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152 | 42709    | 50.000 | ug/l     | 0.00     |
|                             |                |     |          |        |          |          |
| System Monitoring Compounds |                |     |          |        |          |          |
| 33) 1,2-Dichloroethane-d4   | 5.964          | 65  | 52767    | 56.502 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |     | Recovery | =      | 113.000% |          |
| 35) Dibromofluoromethane    | 5.397          | 113 | 38141    | 47.235 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |     | Recovery | =      | 94.460%  |          |
| 50) Toluene-d8              | 8.653          | 98  | 162173   | 52.137 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |     | Recovery | =      | 104.280% |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95  | 53644    | 46.659 | ug/l     | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |     | Recovery | =      | 93.320%  |          |
|                             |                |     |          |        |          |          |
| Target Compounds            |                |     |          |        |          | Qvalue   |
| 16) Acetone                 | 2.386          | 43  | 12096    | 29.746 | ug/l     | 99       |
| 20) Methylene Chloride      | 2.788          | 84  | 2841     | 3.147  | ug/l #   | 84       |
| 43) Isopropyl Acetate       | 6.348          | 43  | 11633    | 4.927  | ug/l     | 93       |
| -----                       |                |     |          |        |          |          |

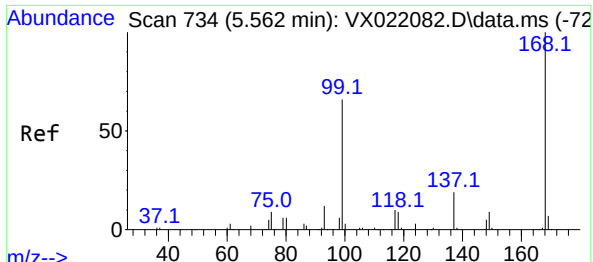
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PB36780ZHE#01

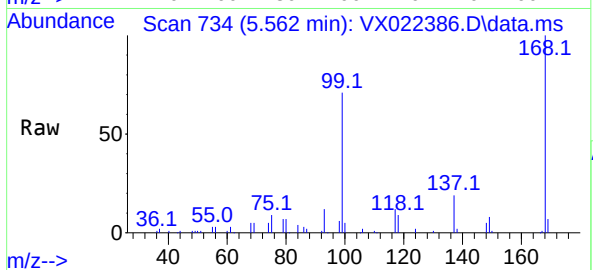
Quant Time: Jun 04 05:38:03 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X051921W.M  
Quant Title : SW846 8260  
QLast Update : Wed May 19 14:23:10 2021  
Response via : Initial Calibration



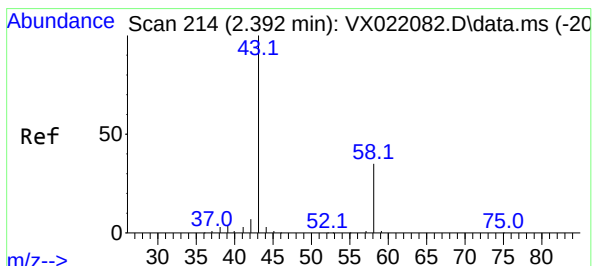
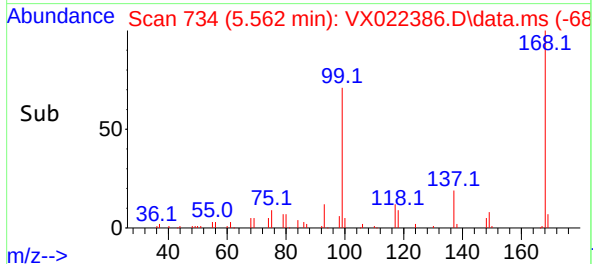
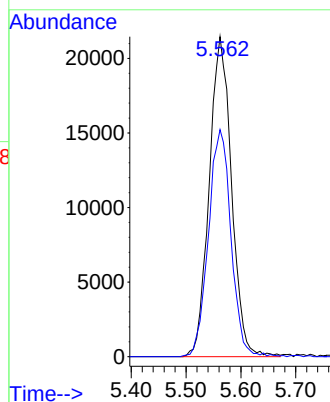


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.000 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#01

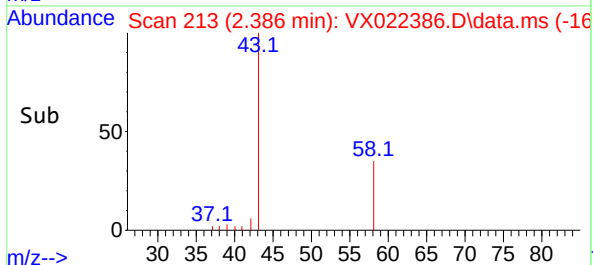
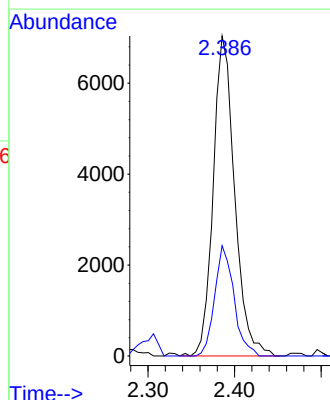
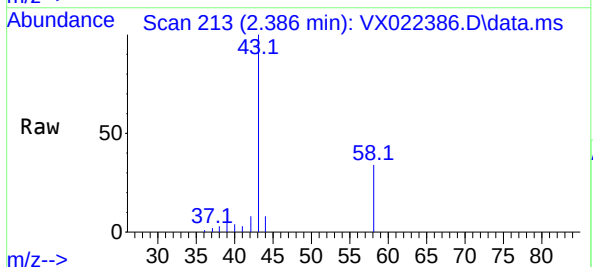


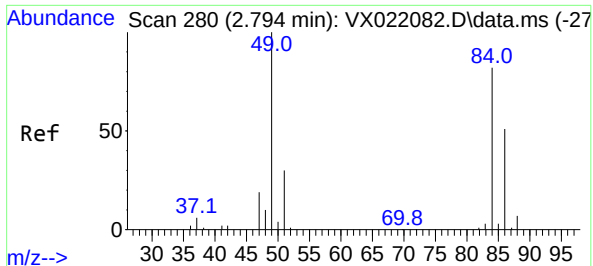
Tgt Ion:168 Resp: 60542  
Ion Ratio Lower Upper  
168 100  
99 71.0 45.8 68.6#



#16  
Acetone  
Concen: 29.746 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

Tgt Ion: 43 Resp: 12096  
Ion Ratio Lower Upper  
43 100  
58 34.5 27.8 41.8





#20

Methylene Chloride

Concen: 3.147 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.006 min

Lab File: VX022386.D

Acq: 03 Jun 2021 23:27

Instrument :

MSVOA\_X

ClientSampleId :

PB36780ZHE#01

Tgt Ion: 84 Resp: 2841

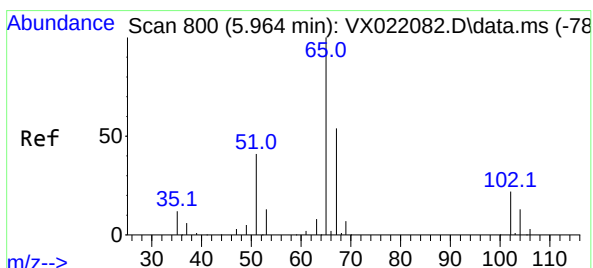
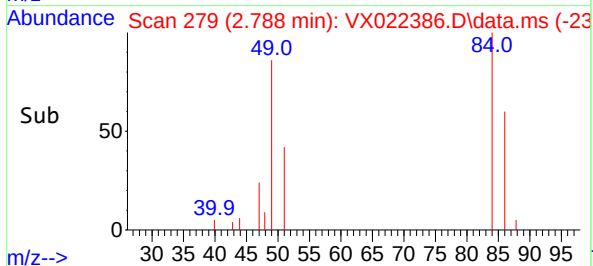
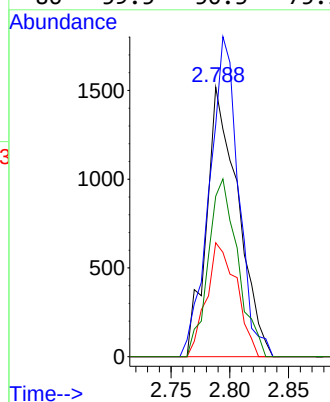
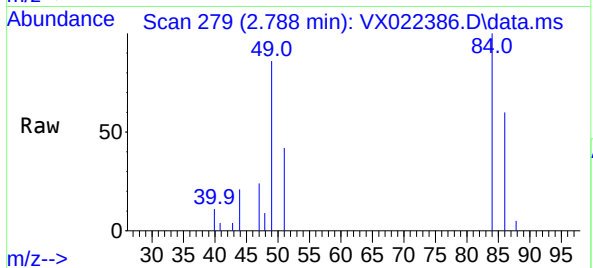
Ion Ratio Lower Upper

84 100

49 86.0 88.6 132.8#

51 42.3 27.0 40.6#

86 59.5 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 56.502 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX022386.D

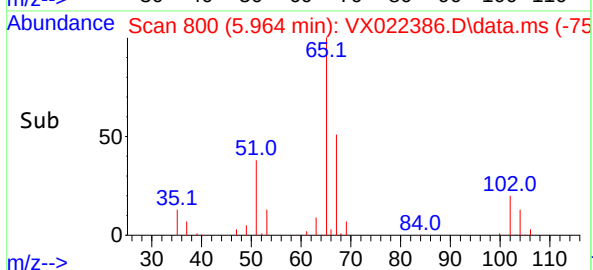
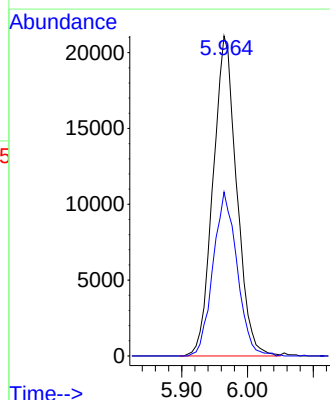
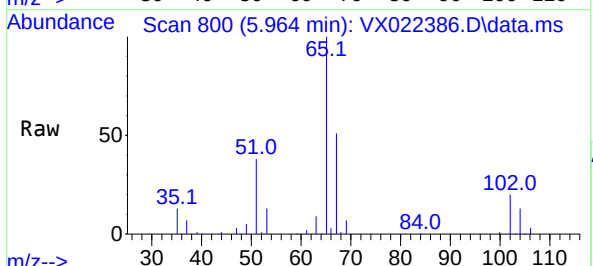
Acq: 03 Jun 2021 23:27

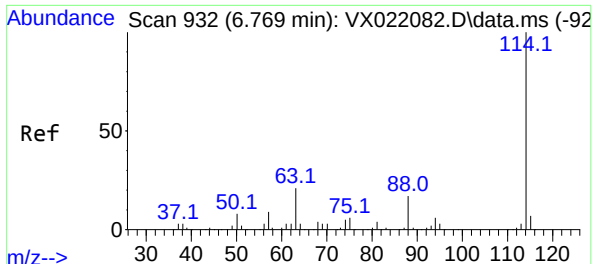
Tgt Ion: 65 Resp: 52767

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.4

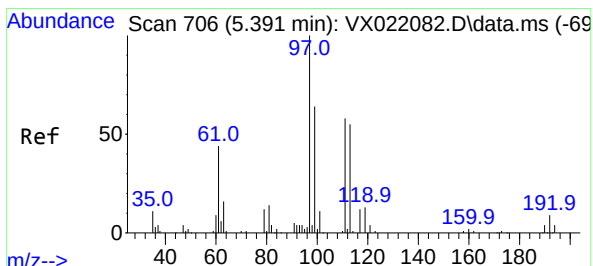
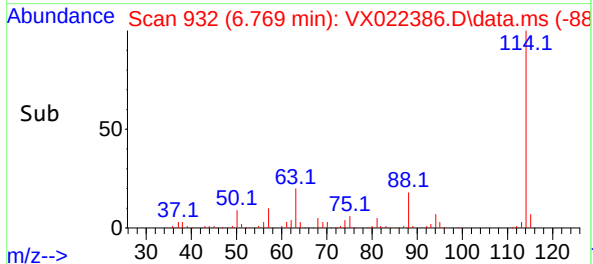
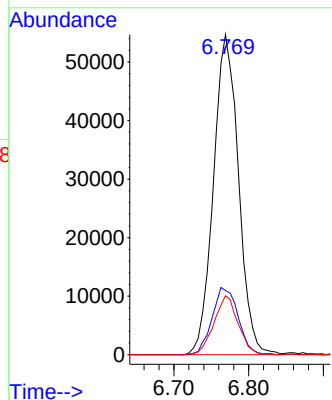
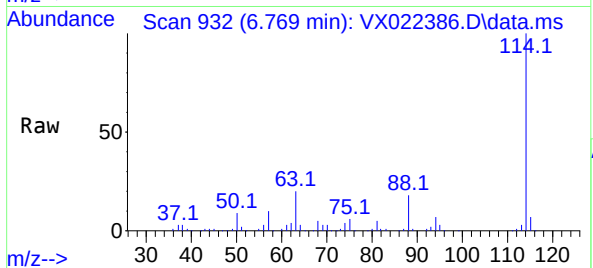




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. -0.000 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

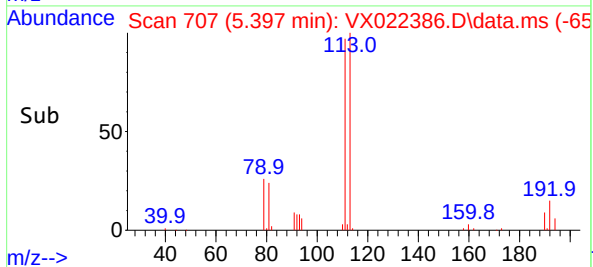
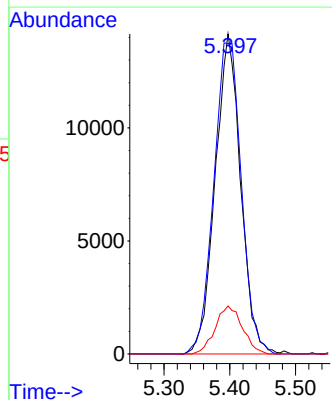
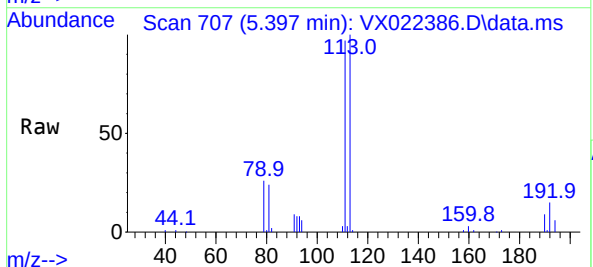
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#01

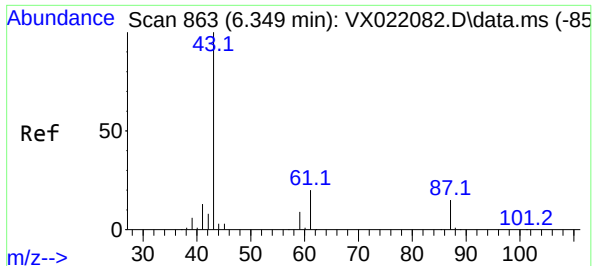
Tgt Ion:114 Resp: 127332  
Ion Ratio Lower Upper  
114 100  
63 20.0 0.0 40.8  
88 18.4 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.235 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

Tgt Ion:113 Resp: 38141  
Ion Ratio Lower Upper  
113 100  
111 105.7 81.9 122.9  
192 16.0 16.7 25.1#



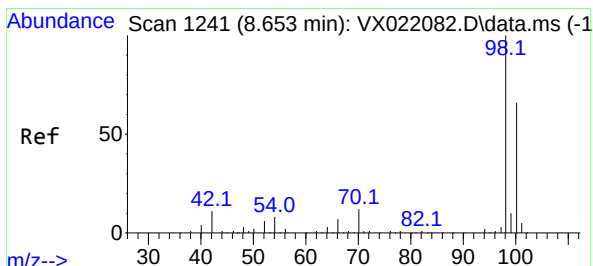
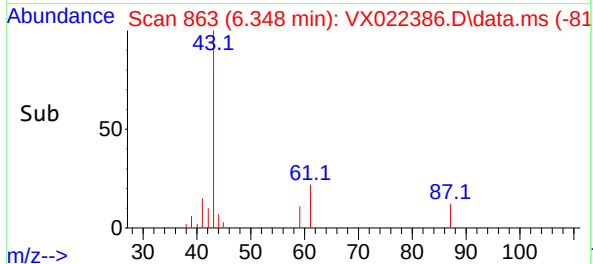
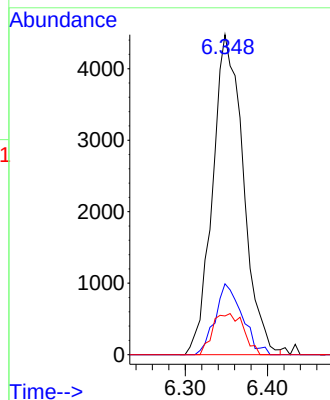
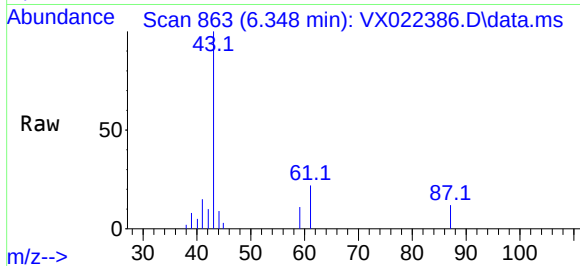


#43  
Isopropyl Acetate  
Concen: 4.927 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. -0.001 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB36780ZHE#01

Tgt Ion: 43 Resp: 11633

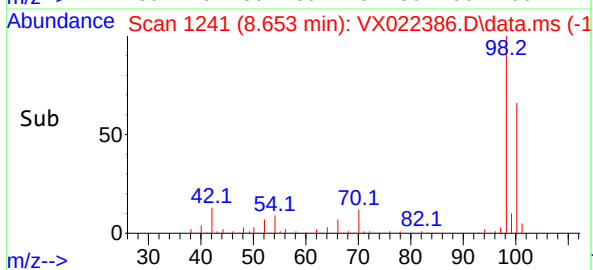
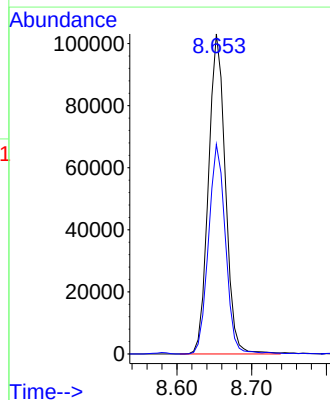
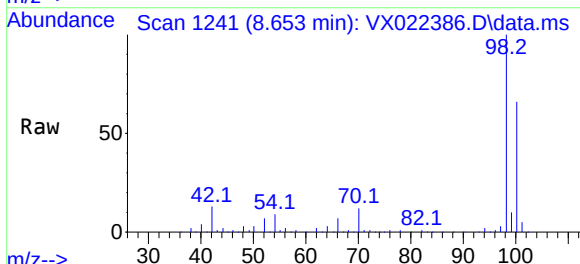
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 19.5  | 18.2  | 27.4  |
| 87  | 12.8  | 12.5  | 18.7  |

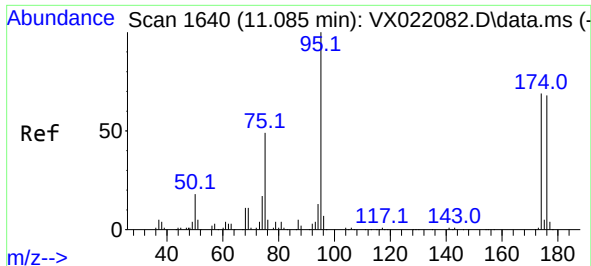


#50  
Toluene-d8  
Concen: 52.137 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

Tgt Ion: 98 Resp: 162173

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 98  | 100   |       |       |
| 100 | 65.6  | 51.9  | 77.9  |

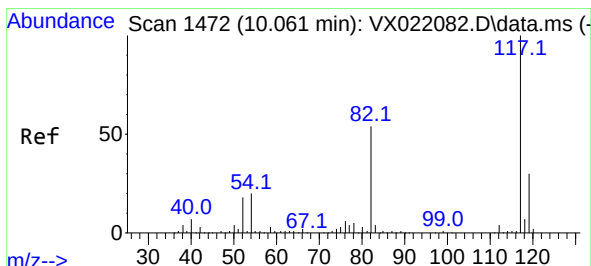
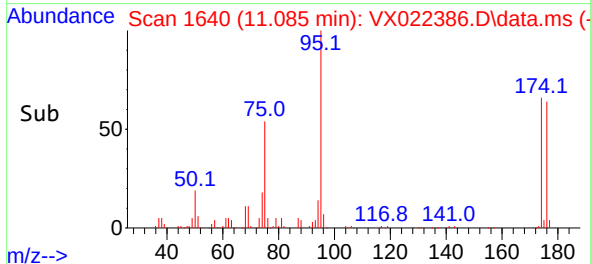
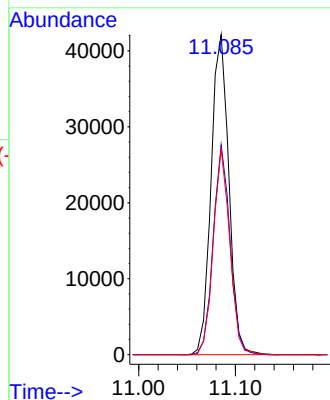
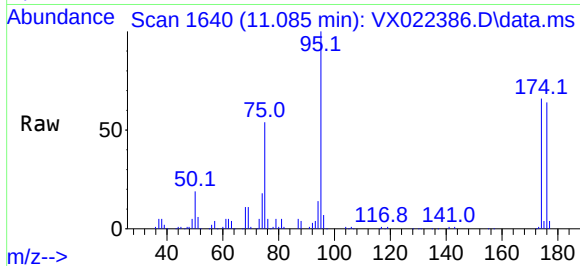




#62  
4-Bromofluorobenzene  
Concen: 46.659 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

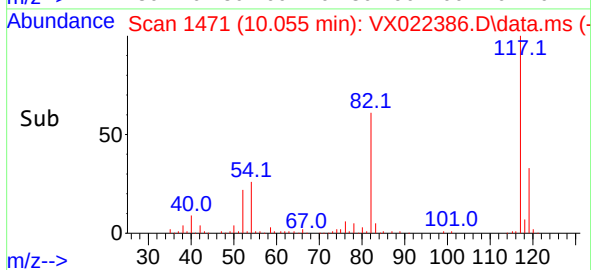
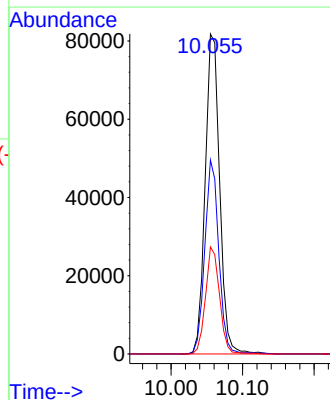
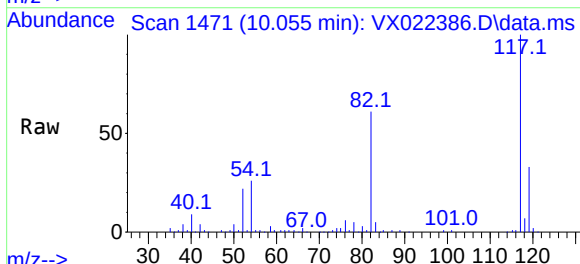
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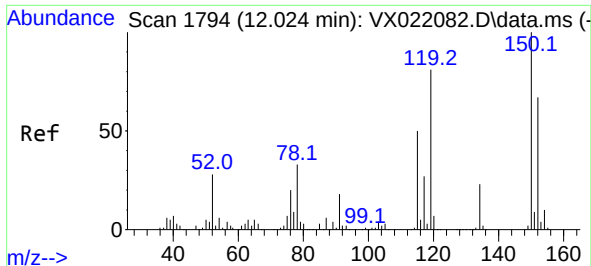
Tgt Ion: 95 Resp: 53644  
Ion Ratio Lower Upper  
95 100  
174 62.5 0.0 154.6  
176 59.8 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.006 min  
Lab File: VX022386.D  
Acq: 03 Jun 2021 23:27

Tgt Ion: 117 Resp: 115153  
Ion Ratio Lower Upper  
117 100  
82 60.6 47.4 71.2  
119 33.4 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: VX022386.D  
 Acq: 03 Jun 2021 23:27

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB36780ZHE#01

Tgt Ion:152 Resp: 42709  
 Ion Ratio Lower Upper  
 152 100  
 115 67.3 41.1 123.3  
 150 160.0 0.0 349.0

