

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071122\  
 Data File : VX029998.D  
 Acq On : 11 Jul 2022 15:33  
 Operator : JC/MD  
 Sample : PB146107#02  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB146107#02

Quant Time: Jul 12 02:03:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jun 29 05:54:51 2022  
 Response via : Initial Calibration

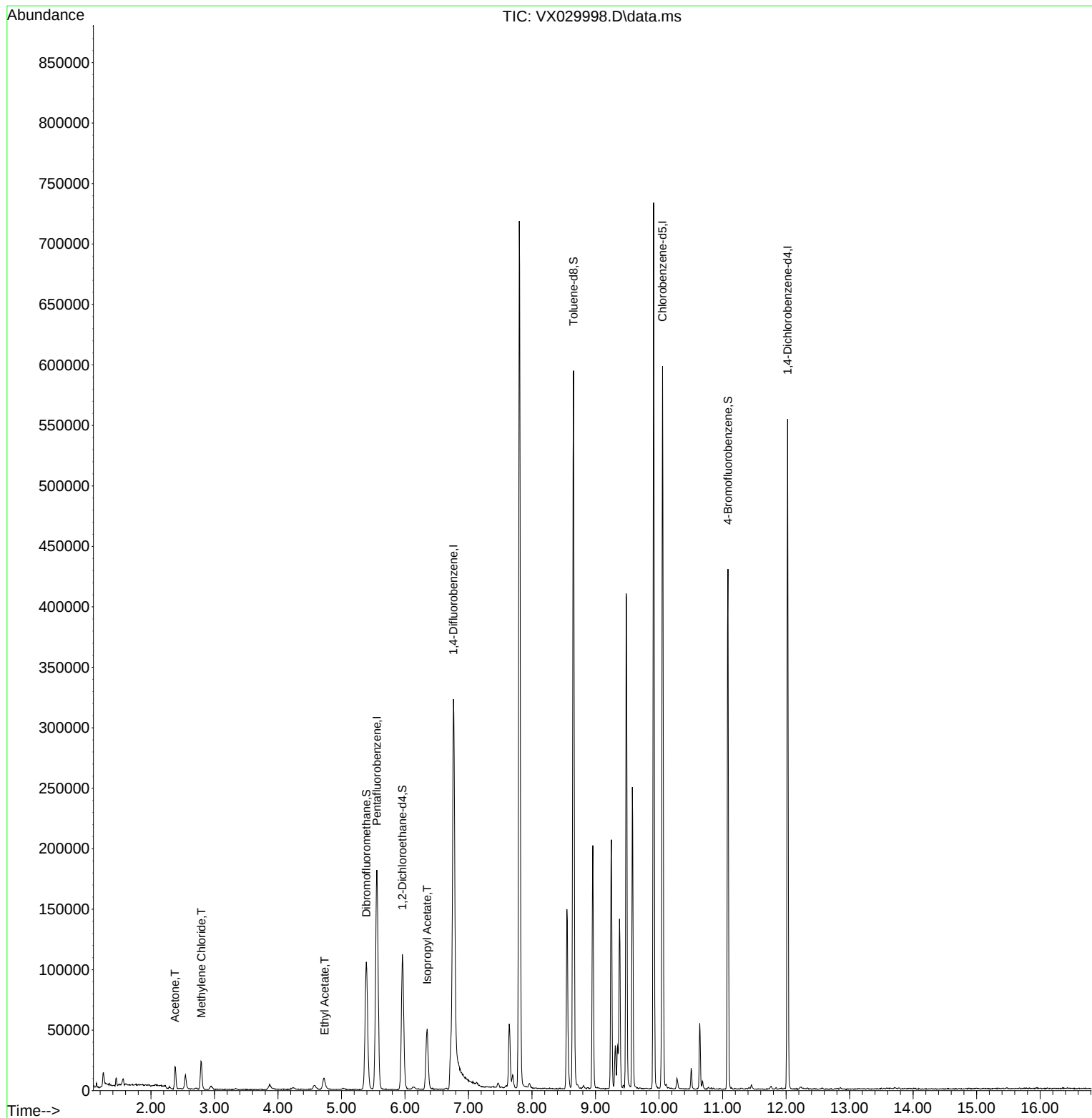
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 182906     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 315710     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 268242     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 115037     | 50.000  | ug/l   | 0.00     |
|                             |                |      |            |         |        |          |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 96319      | 41.601  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 83.200% |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 92883      | 47.077  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 94.160% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 353842     | 47.805  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 95.620% |        |          |
| 62) 4-Bromofluorobenzene    | 11.085         | 95   | 116641     | 44.581  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 89.160% |        |          |
|                             |                |      |            |         |        |          |
| Target Compounds            |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.379          | 43   | 18649      | 16.464  | ug/l   | 97       |
| 20) Methylene Chloride      | 2.794          | 84   | 10839      | 4.531   | ug/l   | 91       |
| 37) Ethyl Acetate           | 4.733          | 43   | 16576      | 4.619   | ug/l   | 97       |
| 43) Isopropyl Acetate       | 6.348          | 43   | 66878      | 12.375  | ug/l   | 99       |
| -----                       |                |      |            |         |        |          |

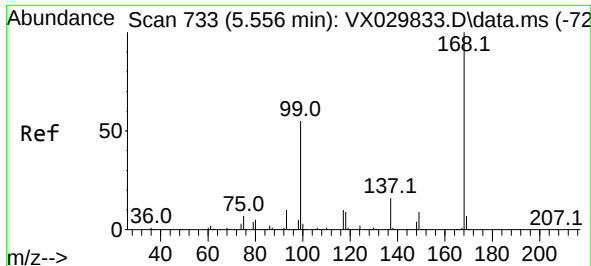
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX071122\  
Data File : VX029998.D  
Acq On : 11 Jul 2022 15:33  
Operator : JC/MD  
Sample : PB146107#02  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

Quant Time: Jul 12 02:03:20 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062822W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jun 29 05:54:51 2022  
Response via : Initial Calibration

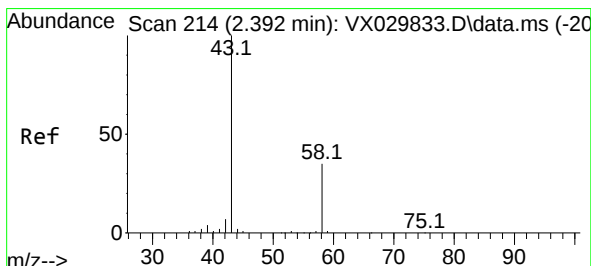
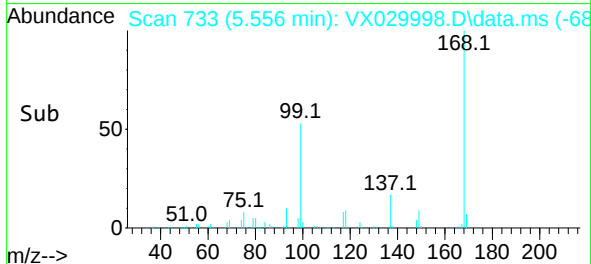
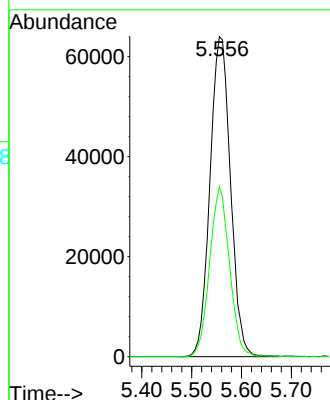
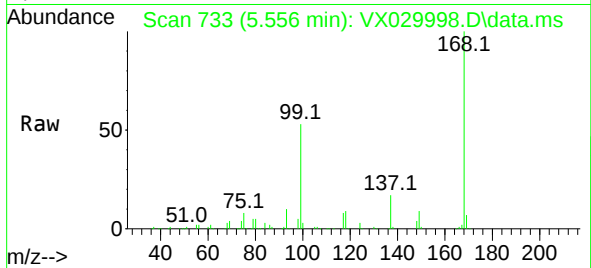




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

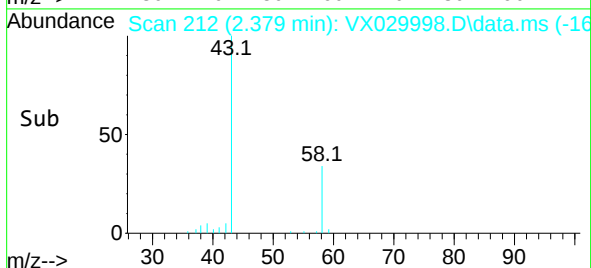
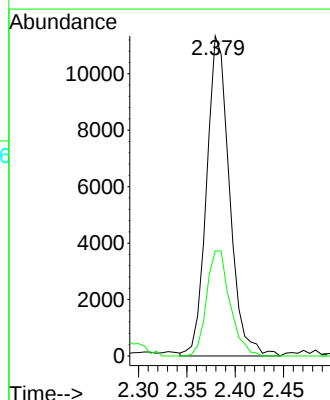
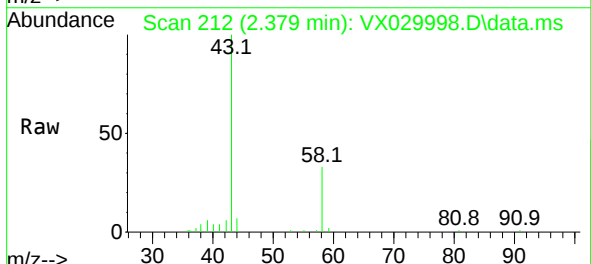
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

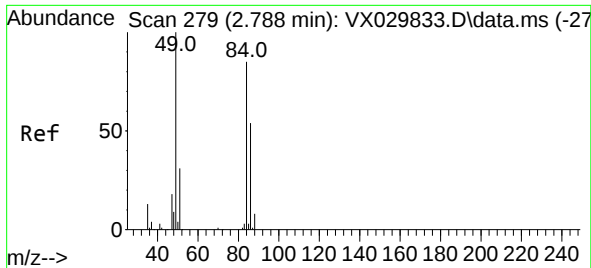
Tgt Ion:168 Resp: 182906  
Ion Ratio Lower Upper  
168 100  
99 53.2 44.0 66.0



#16  
Acetone  
Concen: 16.464 ug/l  
RT: 2.379 min Scan# 212  
Delta R.T. -0.012 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

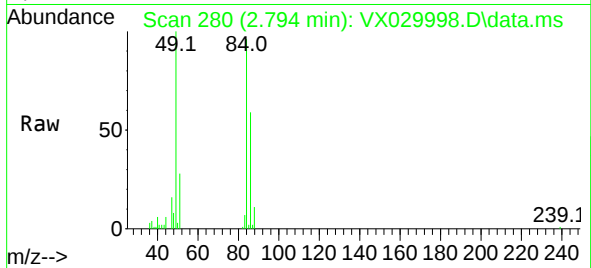
Tgt Ion: 43 Resp: 18649  
Ion Ratio Lower Upper  
43 100  
58 32.8 27.7 41.5



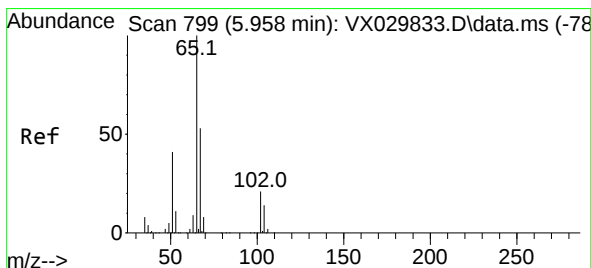
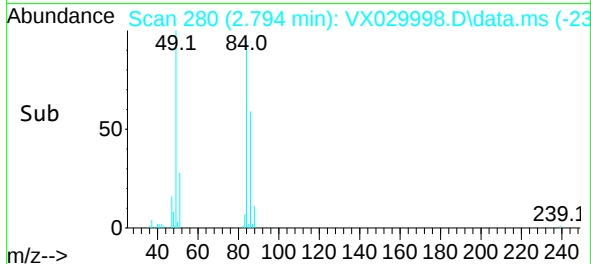
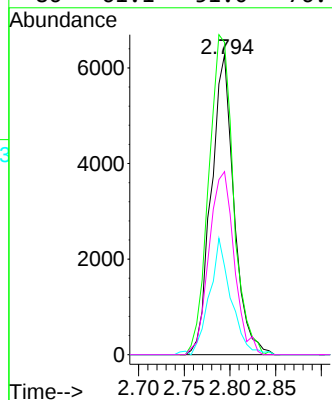


#20  
Methylene Chloride  
Concen: 4.531 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

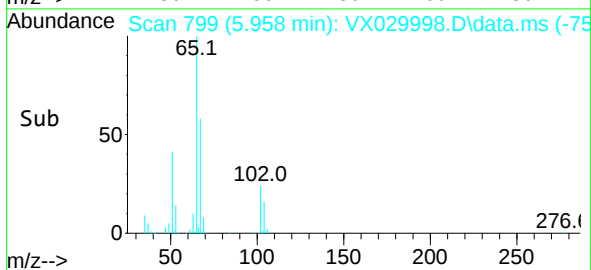
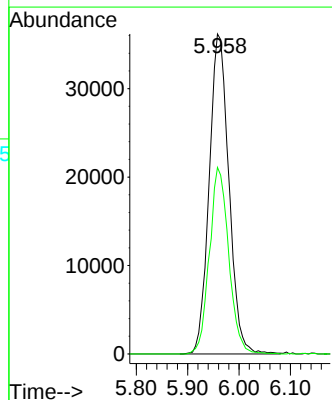
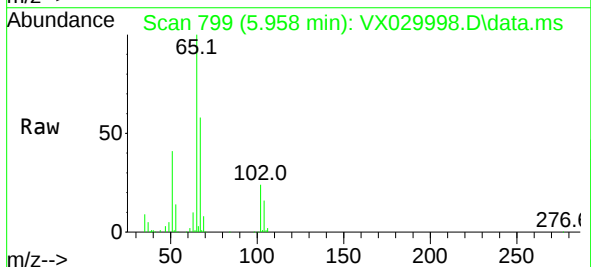


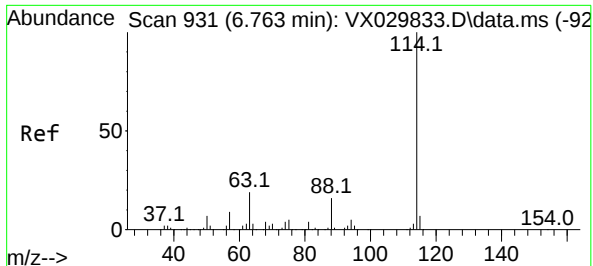
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 10839 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 104.2    | 93.8 140.6  |
| 51 29.5     | 29.4 44.0   |
| 86 61.1     | 51.0 76.4   |



#33  
1,2-Dichloroethane-d4  
Concen: 41.601 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

|             |             |
|-------------|-------------|
| Tgt Ion: 65 | Resp: 96319 |
| Ion Ratio   | Lower Upper |
| 65 100      |             |
| 67 57.3     | 0.0 109.6   |

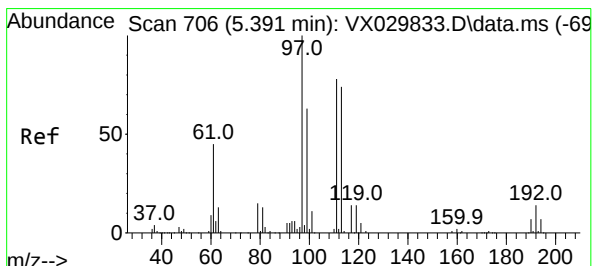
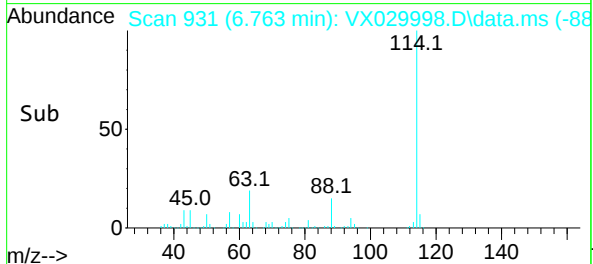
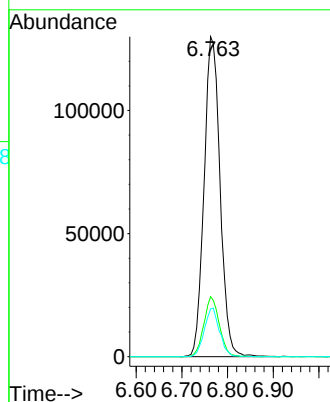
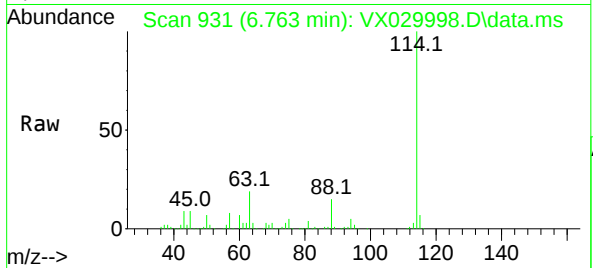




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

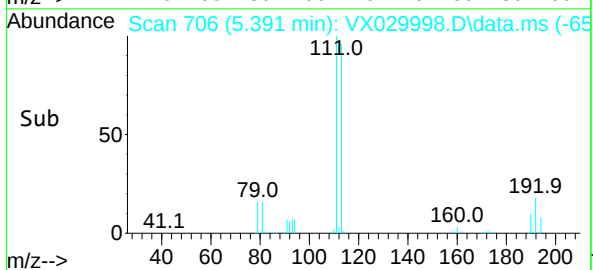
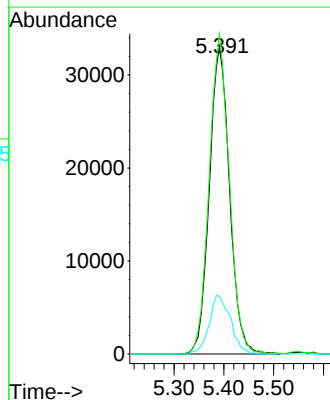
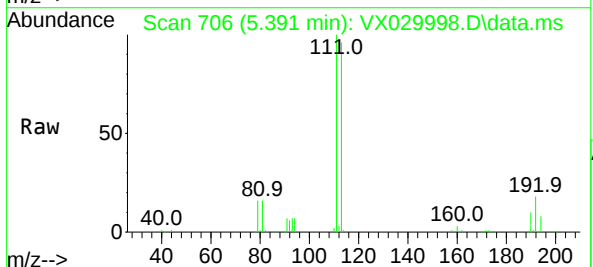
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

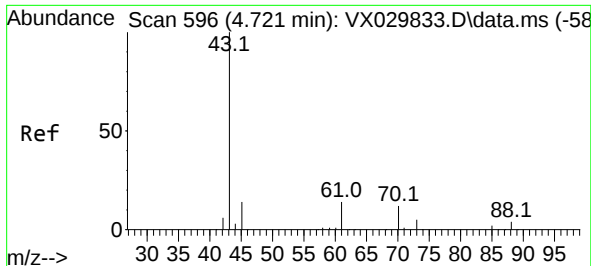
Tgt Ion:114 Resp: 315710  
Ion Ratio Lower Upper  
114 100  
63 18.8 0.0 38.4  
88 14.9 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 47.077 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

Tgt Ion:113 Resp: 92883  
Ion Ratio Lower Upper  
113 100  
111 103.5 83.2 124.8  
192 20.2 14.8 22.2

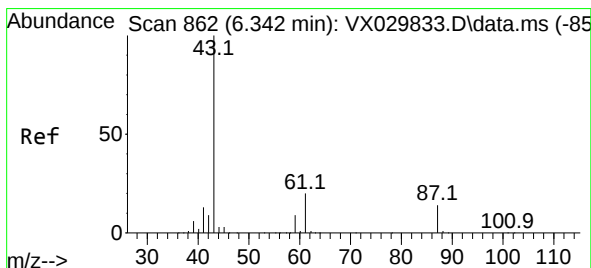
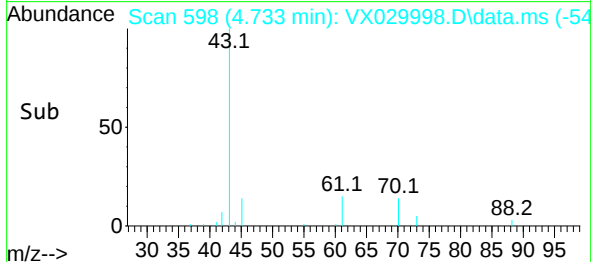
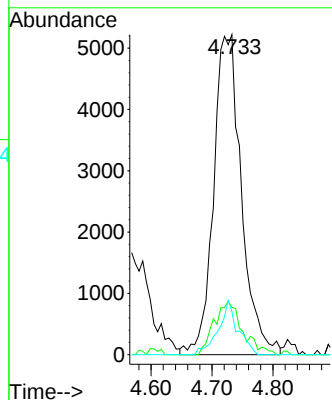
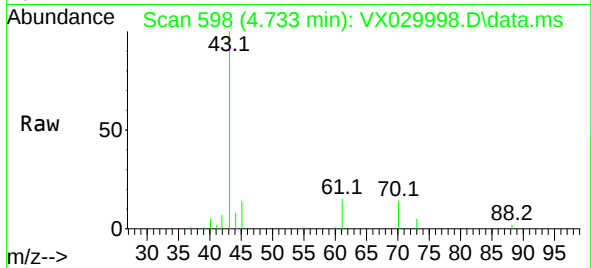




#37  
Ethyl Acetate  
Concen: 4.619 ug/l  
RT: 4.733 min Scan# 596  
Delta R.T. 0.012 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

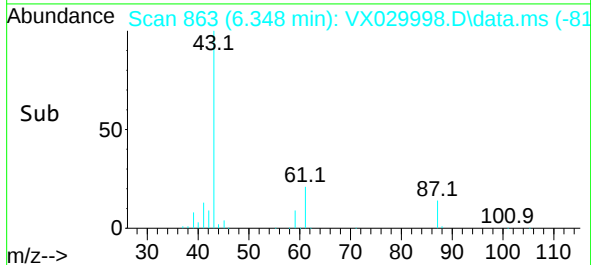
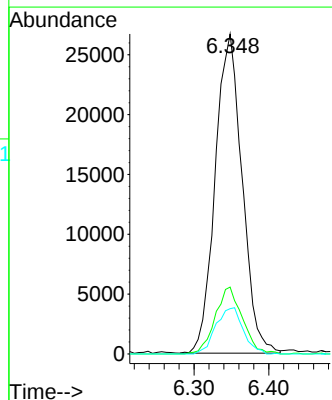
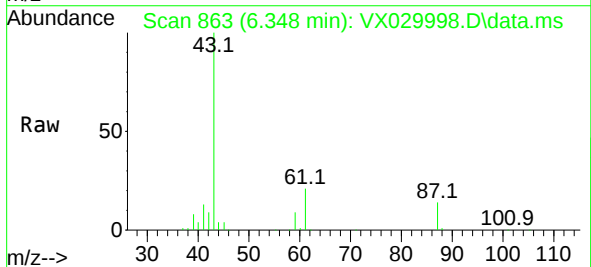
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

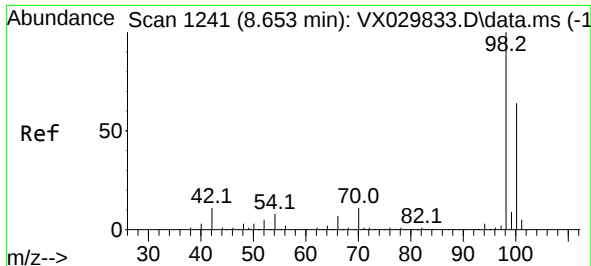
Tgt Ion: 43 Resp: 16576  
Ion Ratio Lower Upper  
43 100  
61 17.0 11.7 17.5  
70 11.8 9.3 13.9



#43  
Isopropyl Acetate  
Concen: 12.375 ug/l  
RT: 6.348 min Scan# 863  
Delta R.T. 0.006 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

Tgt Ion: 43 Resp: 66878  
Ion Ratio Lower Upper  
43 100  
61 21.1 16.5 24.7  
87 14.7 11.1 16.7

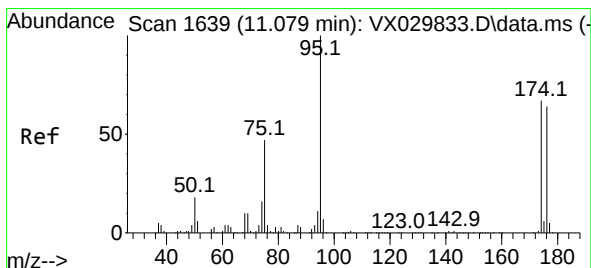
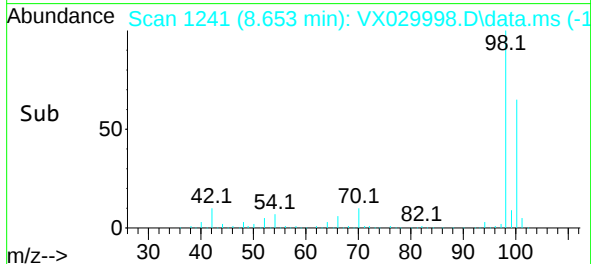
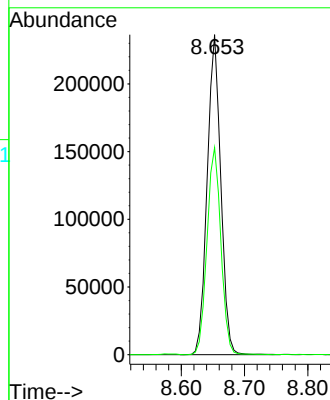
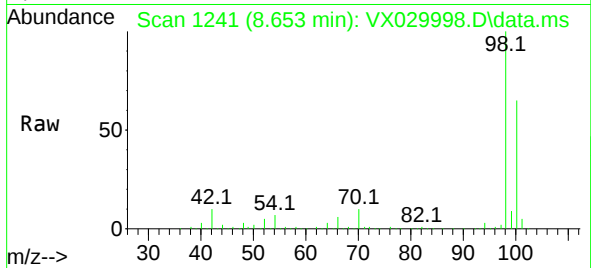




#50  
Toluene-d8  
Concen: 47.805 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

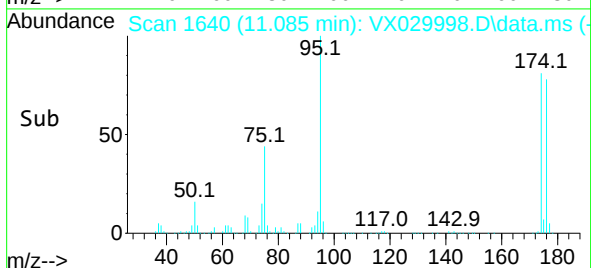
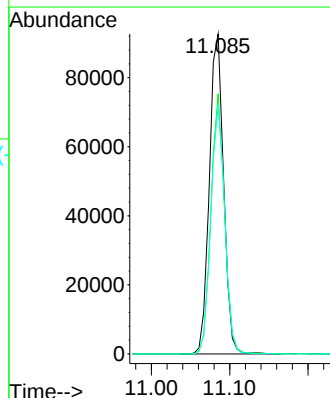
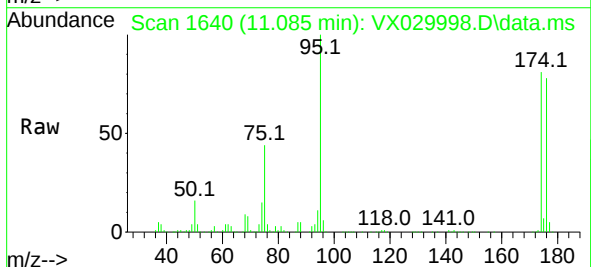
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

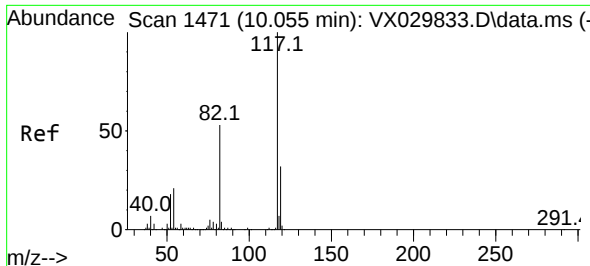
Tgt Ion: 98 Resp: 353842  
Ion Ratio Lower Upper  
98 100  
100 66.1 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 44.581 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.006 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

Tgt Ion: 95 Resp: 116641  
Ion Ratio Lower Upper  
95 100  
174 77.9 0.0 149.0  
176 76.1 0.0 146.0

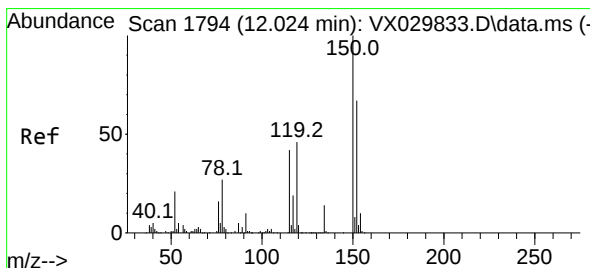
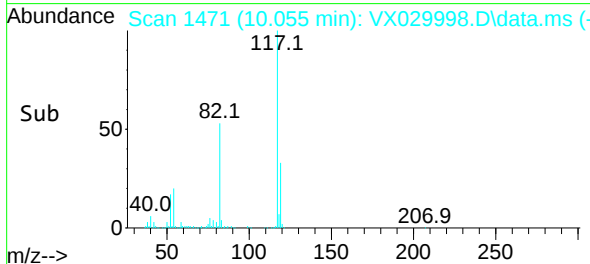
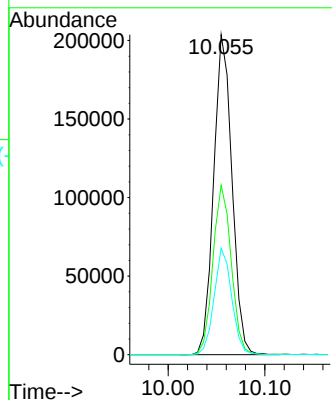
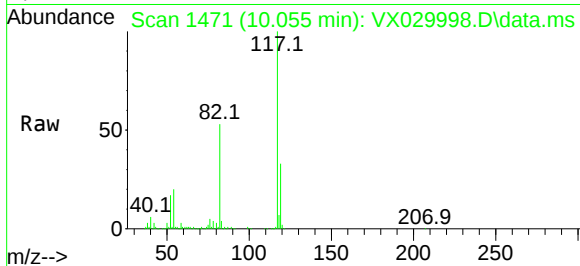




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB146107#02

Tgt Ion:117 Resp: 268242  
Ion Ratio Lower Upper  
117 100  
82 53.0 42.7 64.1  
119 33.3 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. -0.000 min  
Lab File: VX029998.D  
Acq: 11 Jul 2022 15:33

Tgt Ion:152 Resp: 115037  
Ion Ratio Lower Upper  
152 100  
115 57.3 40.5 121.5  
150 156.8 0.0 347.0

