

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051022\  
 Data File : VX028598.D  
 Acq On : 10 May 2022 16:45  
 Operator : JC/MD  
 Sample : PB144702ZHE#12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144702ZHE#12

Quant Time: May 11 07:01:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Apr 19 13:38:04 2022  
 Response via : Initial Calibration

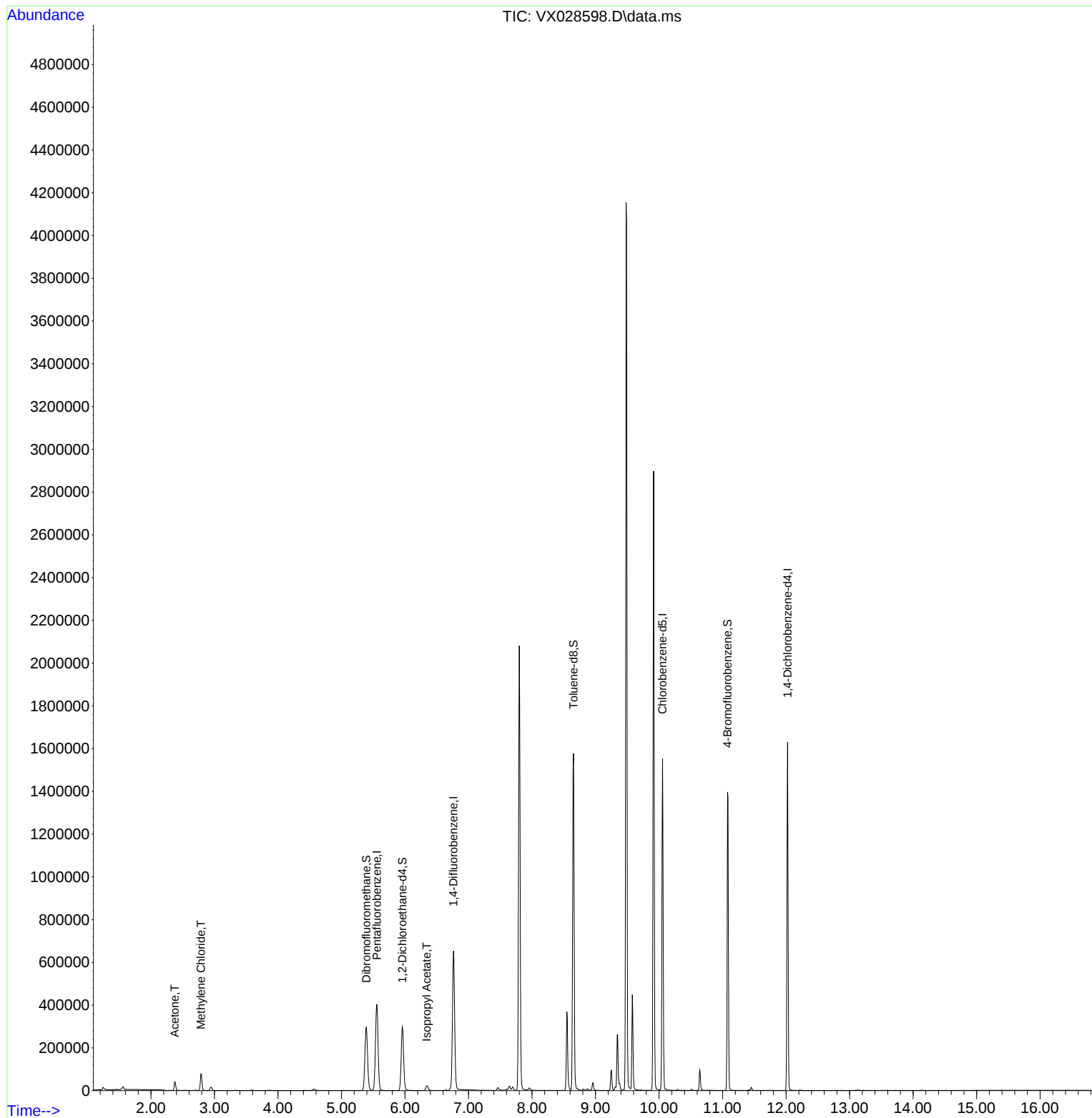
| Compound                    | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-----------------------------|-----------|-------|----------|----------|------------|----------|
| -----                       |           |       |          |          |            |          |
| Internal Standards          |           |       |          |          |            |          |
| 1) Pentafluorobenzene       | 5.556     | 168   | 403007   | 50.000   | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763     | 114   | 697473   | 50.000   | ug/l       | 0.00     |
| 63) Chlorobenzene-d5        | 10.055    | 117   | 702096   | 50.000   | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024    | 152   | 345216   | 50.000   | ug/l       | 0.00     |
| System Monitoring Compounds |           |       |          |          |            |          |
| 33) 1,2-Dichloroethane-d4   | 5.958     | 65    | 281248   | 53.523   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 61 - 141 | Recovery | = 107.040% |          |
| 35) Dibromofluoromethane    | 5.391     | 113   | 259742   | 53.103   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 69 - 133 | Recovery | = 106.200% |          |
| 50) Toluene-d8              | 8.653     | 98    | 972803   | 51.782   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 65 - 126 | Recovery | = 103.560% |          |
| 62) 4-Bromofluorobenzene    | 11.079    | 95    | 366182   | 50.977   | ug/l       | 0.00     |
| Spiked Amount               | 50.000    | Range | 58 - 135 | Recovery | = 101.960% |          |
| Target Compounds            |           |       |          |          |            |          |
|                             |           |       |          |          |            | Qvalue   |
| 16) Acetone                 | 2.373     | 43    | 43433    | 25.810   | ug/l       | 95       |
| 20) Methylene Chloride      | 2.788     | 84    | 36563    | 9.378    | ug/l       | 97       |
| 43) Isopropyl Acetate       | 6.342     | 43    | 29984    | 2.846    | ug/l       | 99       |
| -----                       |           |       |          |          |            |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX051022\  
Data File : VX028598.D  
Acq On : 10 May 2022 16:45  
Operator : JC/MD  
Sample : PB144702ZHE#12  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 18 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144702ZHE#12

Quant Time: May 11 07:01:53 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X041922W.M  
Quant Title : SW846 8260  
QLast Update : Tue Apr 19 13:38:04 2022  
Response via : Initial Calibration

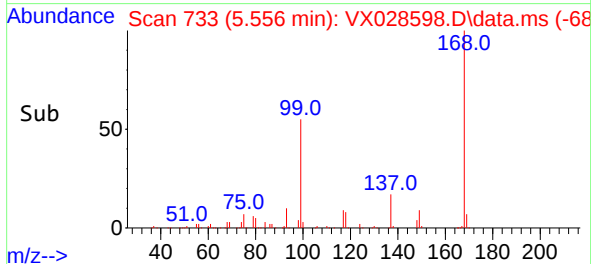
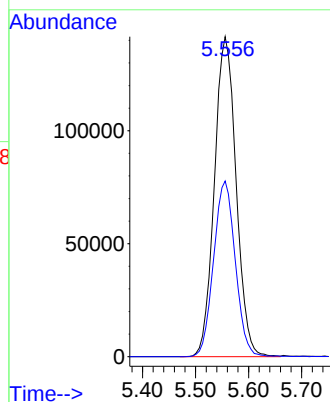
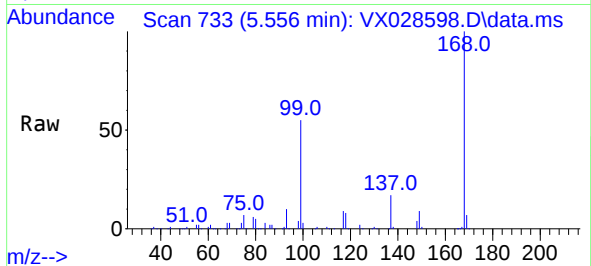




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

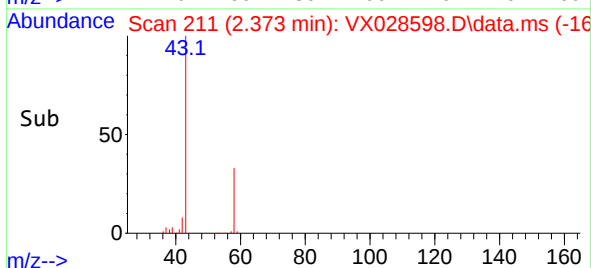
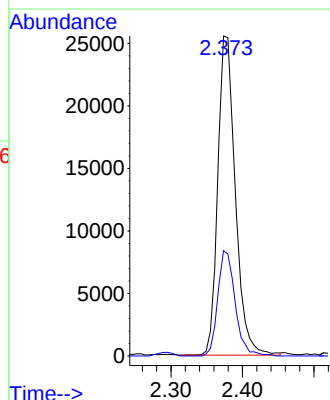
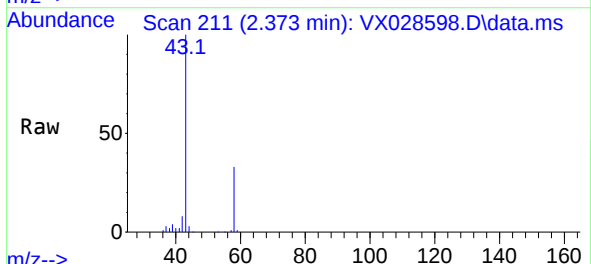
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144702ZHE#12

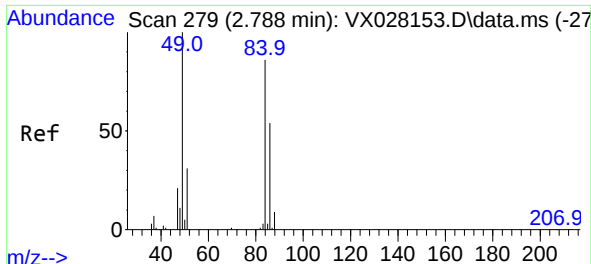
Tgt Ion:168 Resp: 403007  
Ion Ratio Lower Upper  
168 100  
99 54.9 41.7 62.5



#16  
Acetone  
Concen: 25.810 ug/l  
RT: 2.373 min Scan# 211  
Delta R.T. -0.007 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

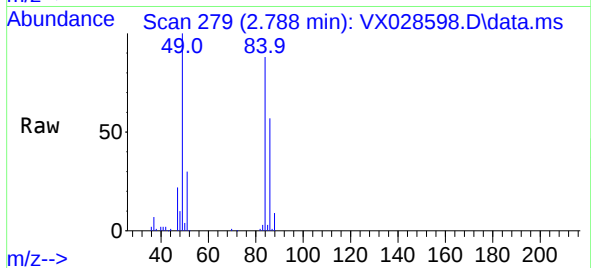
Tgt Ion: 43 Resp: 43433  
Ion Ratio Lower Upper  
43 100  
58 33.0 28.8 43.2



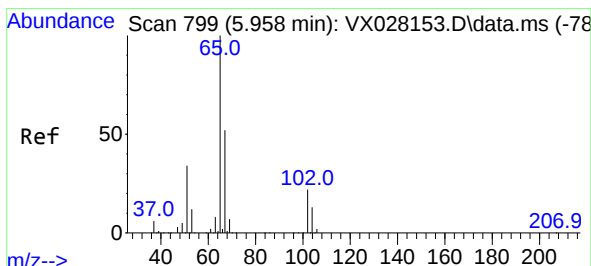
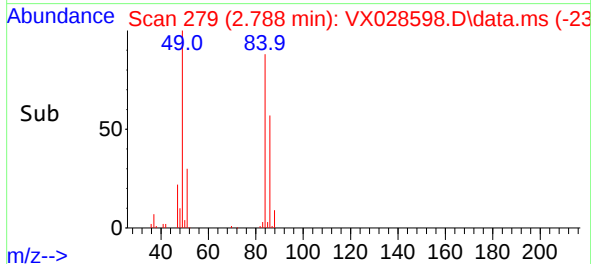
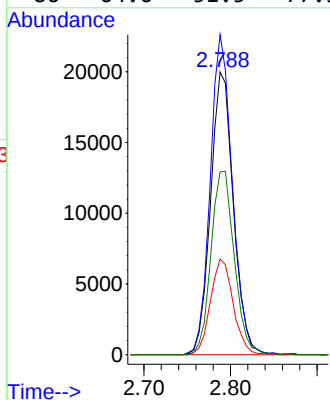


#20  
Methylene Chloride  
Concen: 9.378 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144702ZHE#12

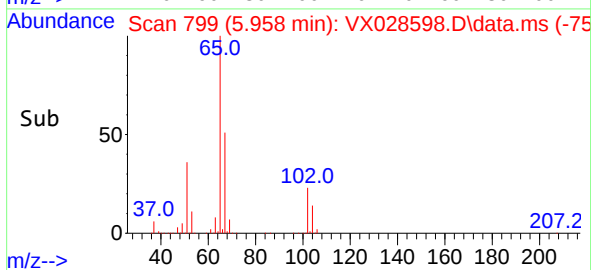
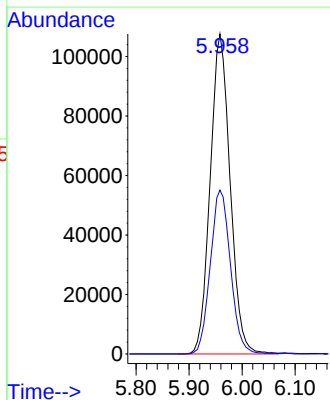
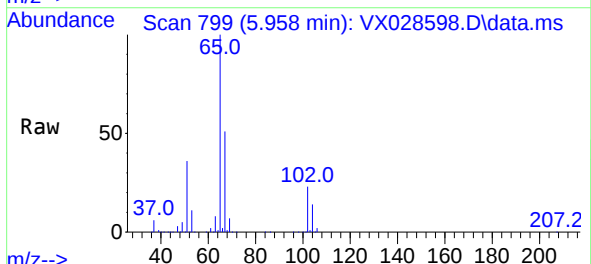


|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 36563 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 113.2 | 85.5  | 128.3 |
| 51       | 33.8  | 26.6  | 39.8  |
| 86       | 64.6  | 51.5  | 77.3  |



#33  
1,2-Dichloroethane-d4  
Concen: 53.523 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

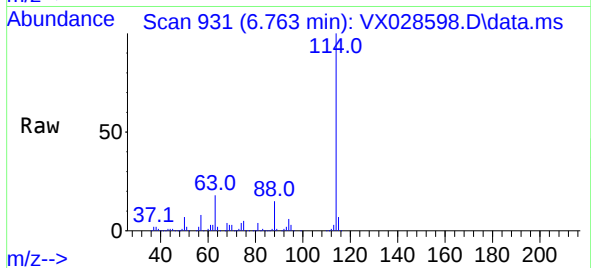
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 281248 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.7  | 0.0   | 107.4  |



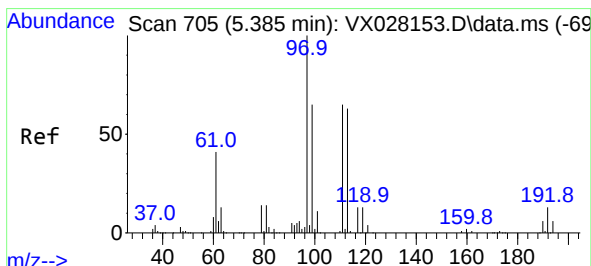
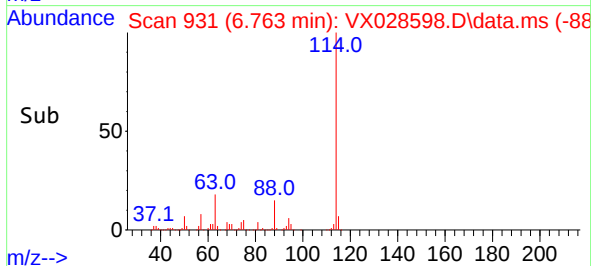
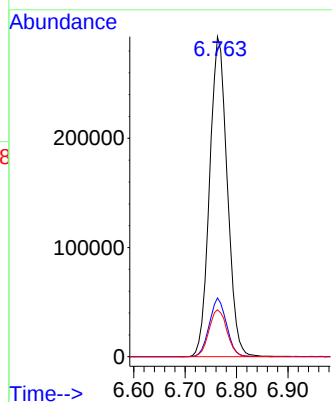


#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144702ZHE#12

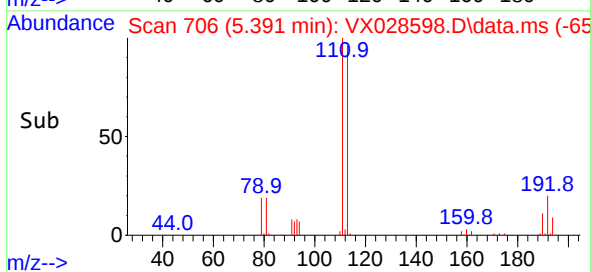
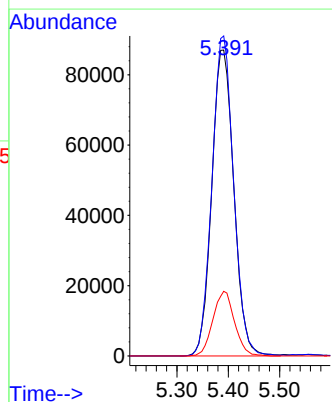
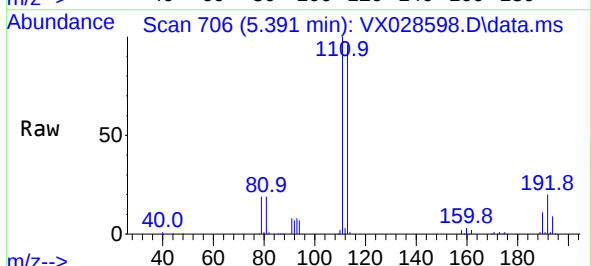


Tgt Ion:114 Resp: 697473  
Ion Ratio Lower Upper  
114 100  
63 18.3 0.0 36.8  
88 14.7 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 53.103 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.006 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

Tgt Ion:113 Resp: 259742  
Ion Ratio Lower Upper  
113 100  
111 102.5 82.8 124.2  
192 20.7 16.9 25.3

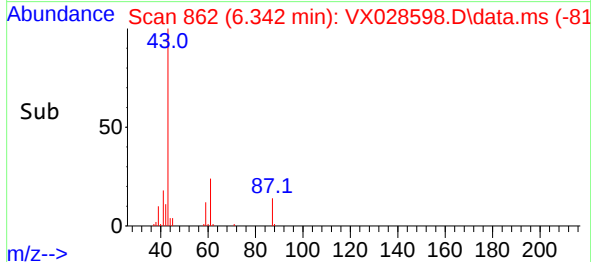
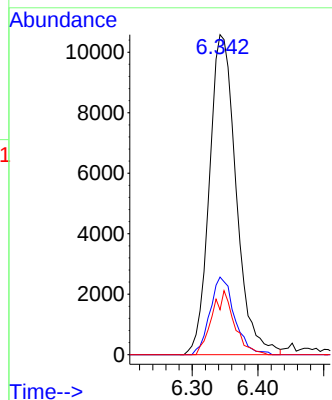
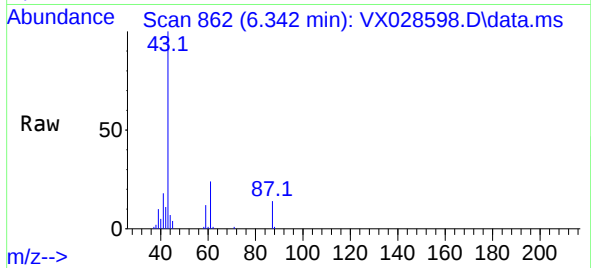




#43  
Isopropyl Acetate  
Concen: 2.846 ug/l  
RT: 6.342 min Scan# 861  
Delta R.T. 0.006 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

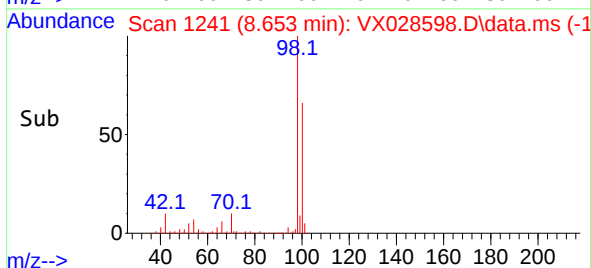
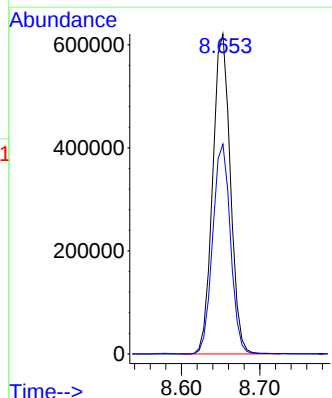
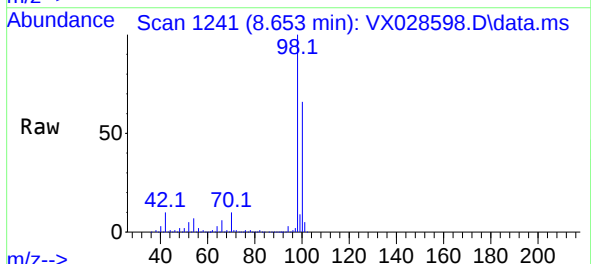
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144702ZHE#12

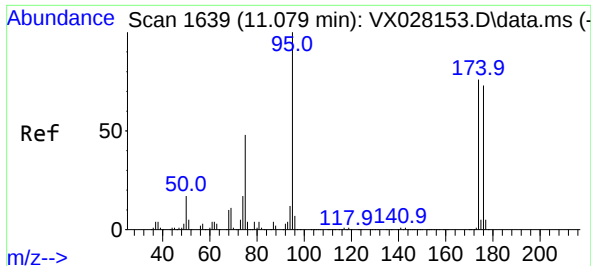
Tgt Ion: 43 Resp: 29984  
Ion Ratio Lower Upper  
43 100  
61 22.3 18.5 27.7  
87 16.8 13.0 19.6



#50  
Toluene-d8  
Concen: 51.782 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

Tgt Ion: 98 Resp: 972803  
Ion Ratio Lower Upper  
98 100  
100 66.0 52.6 78.8

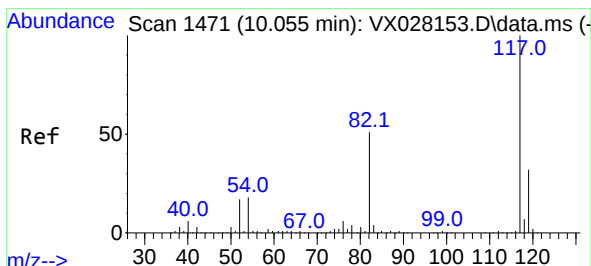
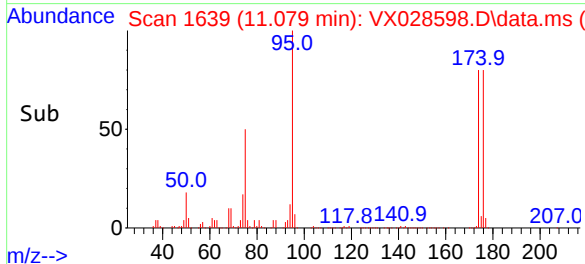
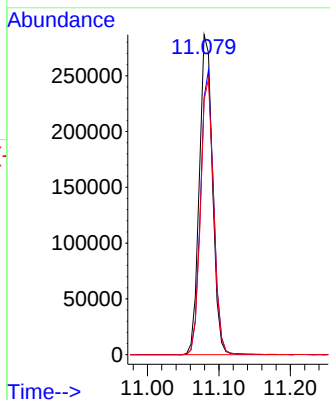
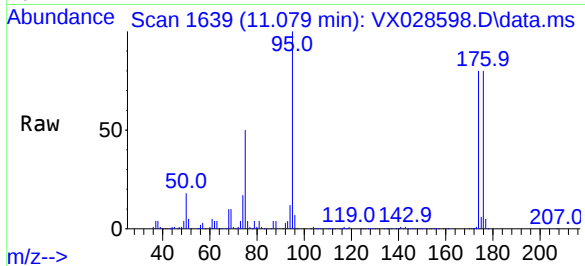




#62  
4-Bromofluorobenzene  
Concen: 50.977 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

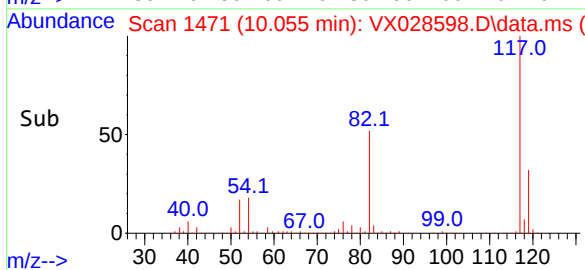
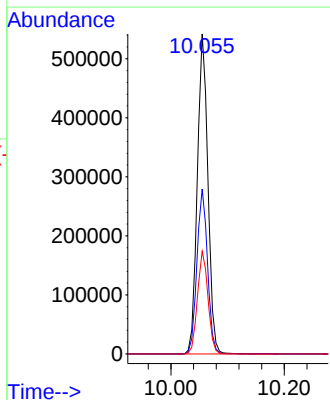
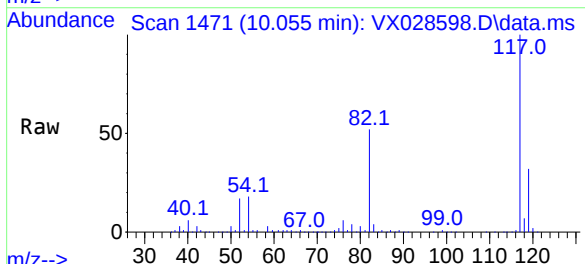
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB144702ZHE#12

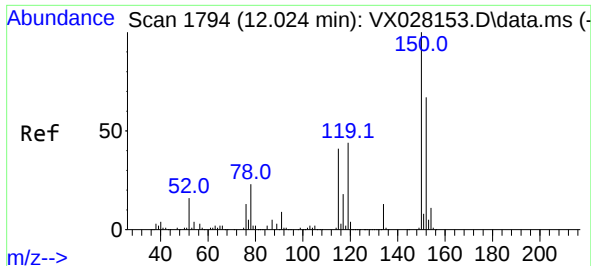
Tgt Ion: 95 Resp: 366182  
Ion Ratio Lower Upper  
95 100  
174 88.1 0.0 163.0  
176 85.8 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX028598.D  
Acq: 10 May 2022 16:45

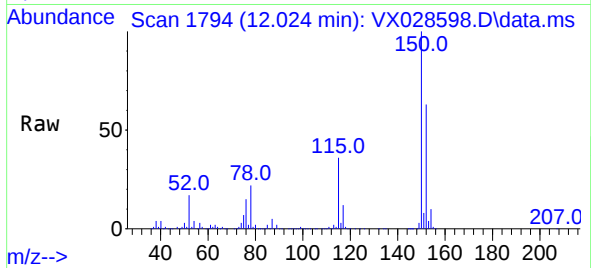
Tgt Ion: 117 Resp: 702096  
Ion Ratio Lower Upper  
117 100  
82 51.6 41.8 62.8  
119 32.1 24.8 37.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX028598.D  
 Acq: 10 May 2022 16:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB144702ZHE#12



Tgt Ion:152 Resp: 345216  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 115 | 57.2  | 37.5  | 112.7 |
| 150 | 156.7 | 0.0   | 338.2 |

