

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040422\  
 Data File : VX027968.D  
 Acq On : 04 Apr 2022 19:17  
 Operator : JC/MD  
 Sample : PB143824ZHE#05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB143824ZHE#05

Quant Time: Apr 05 05:53:36 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 30 04:39:27 2022  
 Response via : Initial Calibration

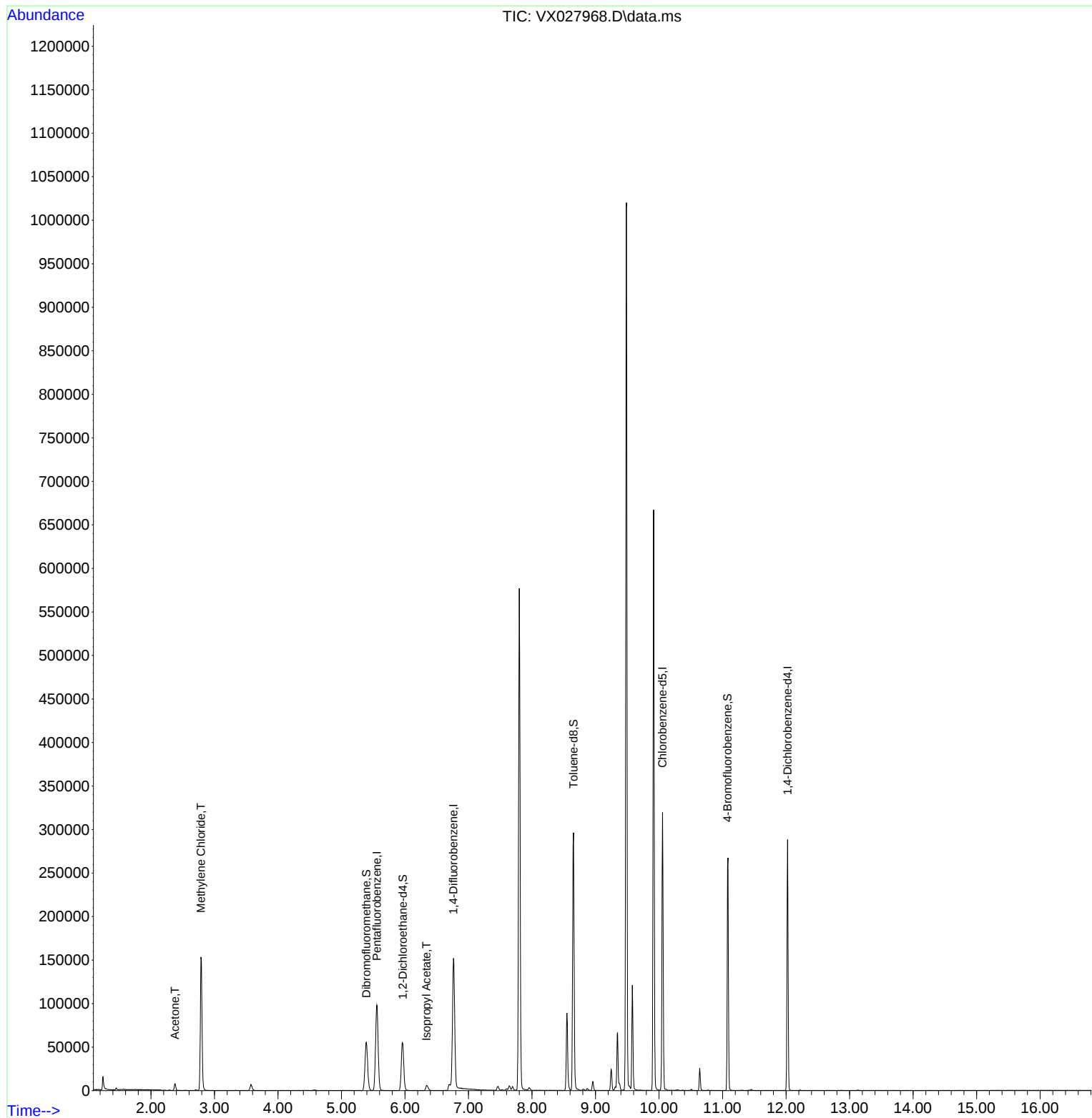
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 93834    | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 148479   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 132766   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 55292    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 56485    | 46.654   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 61 - 141 | Recovery | =      | 93.300%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 48689    | 50.803   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 69 - 133 | Recovery | =      | 101.600% |
| 50) Toluene-d8              | 8.653  | 98    | 174873   | 51.859   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 65 - 126 | Recovery | =      | 103.720% |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 73273    | 51.132   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 58 - 135 | Recovery | =      | 102.260% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.380  | 43    | 8405     | 15.686   | ug/l   | 94       |
| 20) Methylene Chloride      | 2.788  | 84    | 65799    | 68.272   | ug/l # | 87       |
| 43) Isopropyl Acetate       | 6.336  | 43    | 8257     | 3.445    | ug/l   | 95       |
| -----                       |        |       |          |          |        |          |

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX040422\  
Data File : VX027968.D  
Acq On : 04 Apr 2022 19:17  
Operator : JC/MD  
Sample : PB143824ZHE#05  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB143824ZHE#05

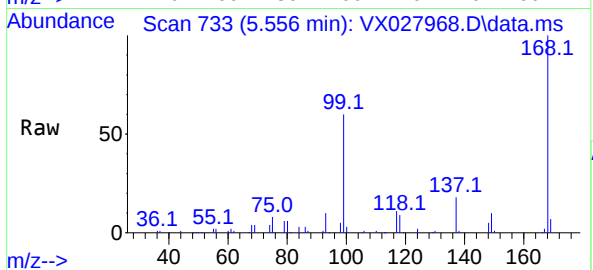
Quant Time: Apr 05 05:53:36 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X032922W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 30 04:39:27 2022  
Response via : Initial Calibration



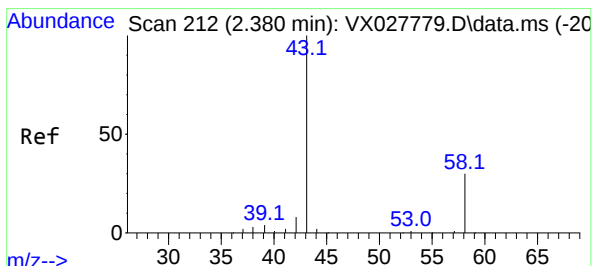
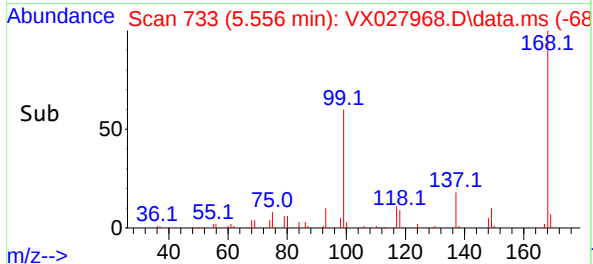
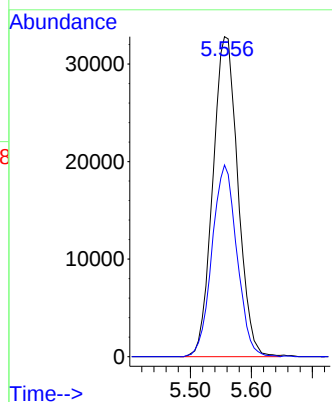


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB143824ZHE#05

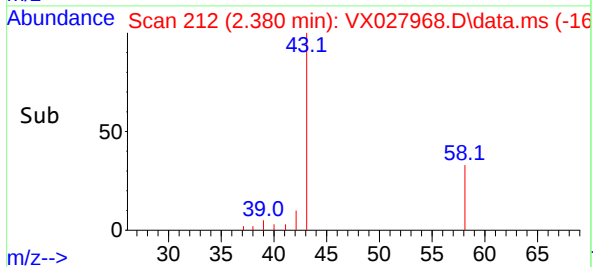
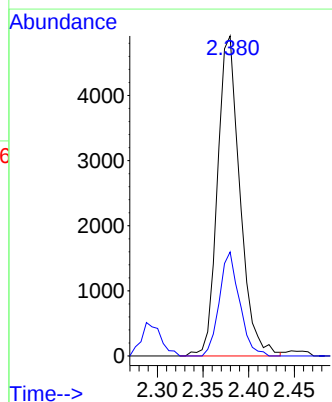
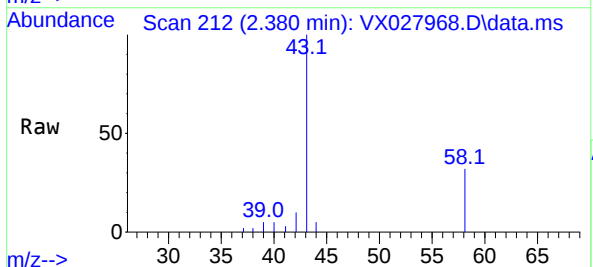


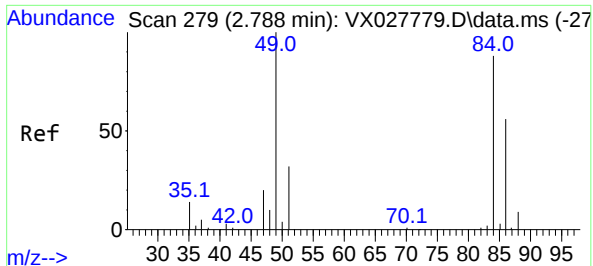
Tgt Ion:168 Resp: 93834  
Ion Ratio Lower Upper  
168 100  
99 59.9 41.7 62.5



#16  
Acetone  
Concen: 15.686 ug/l  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

Tgt Ion: 43 Resp: 8405  
Ion Ratio Lower Upper  
43 100  
58 32.5 28.8 43.2



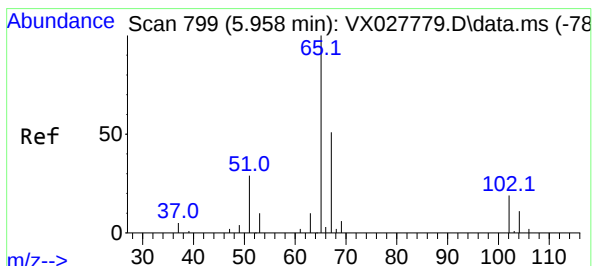
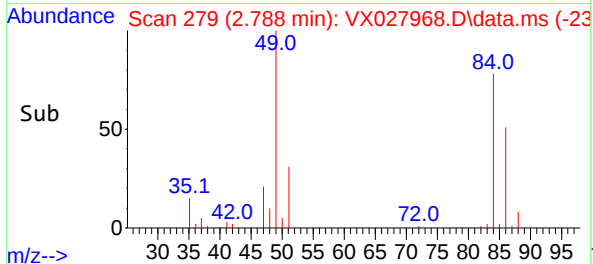
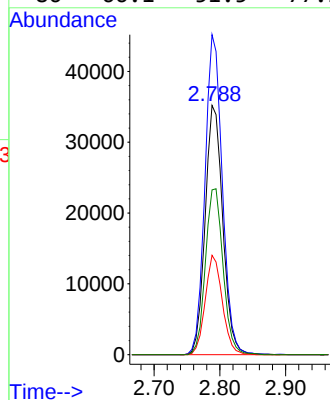
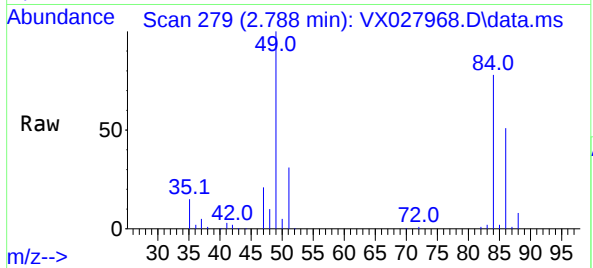


#20  
Methylene Chloride  
Concen: 68.272 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB143824ZHE#05

Tgt Ion: 84 Resp: 65799

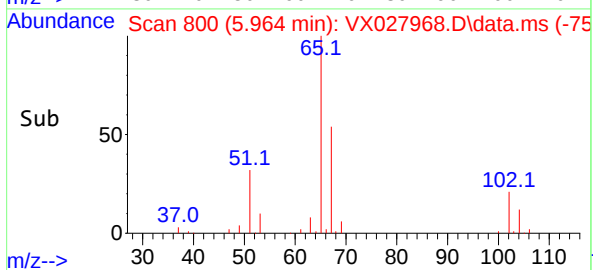
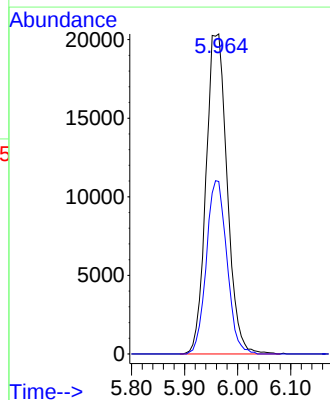
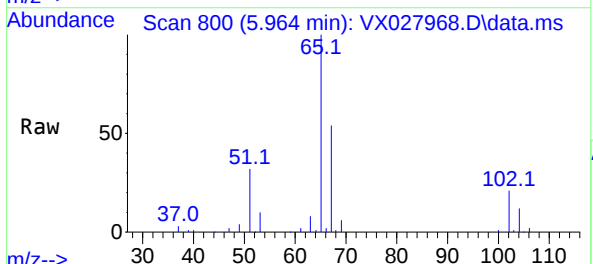
| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 84  | 100   |       |        |
| 49  | 128.4 | 85.5  | 128.3# |
| 51  | 39.8  | 26.6  | 39.8#  |
| 86  | 66.1  | 51.5  | 77.3   |

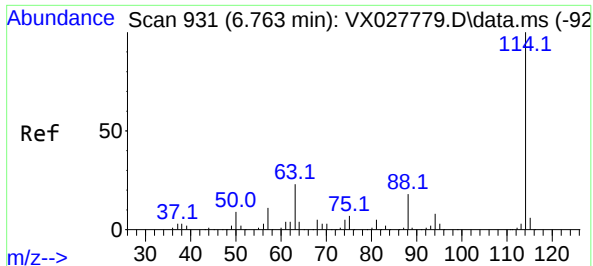


#33  
1,2-Dichloroethane-d4  
Concen: 46.654 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

Tgt Ion: 65 Resp: 56485

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 65  | 100   |       |       |
| 67  | 52.5  | 0.0   | 107.4 |

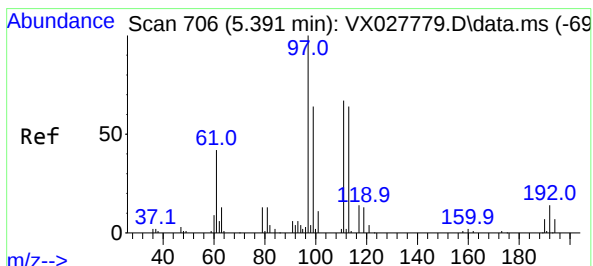
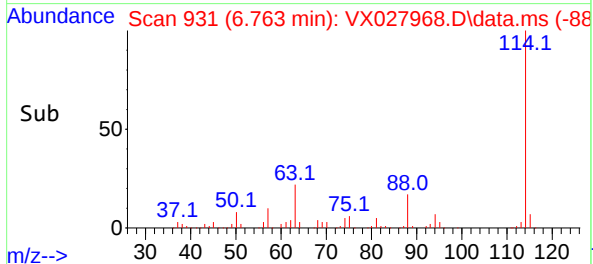
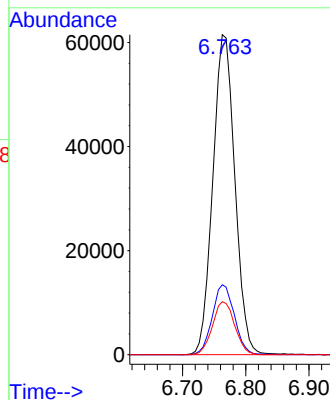
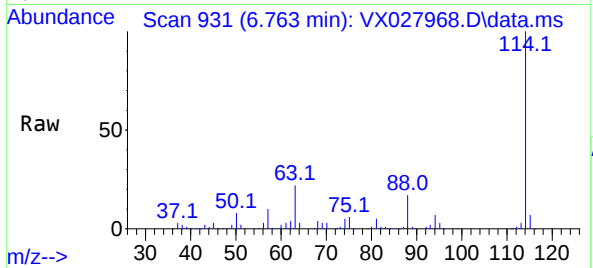




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

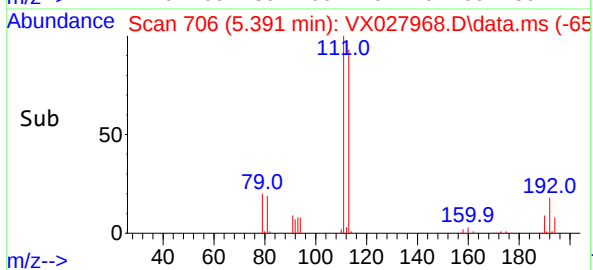
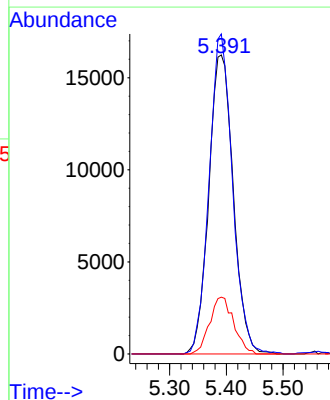
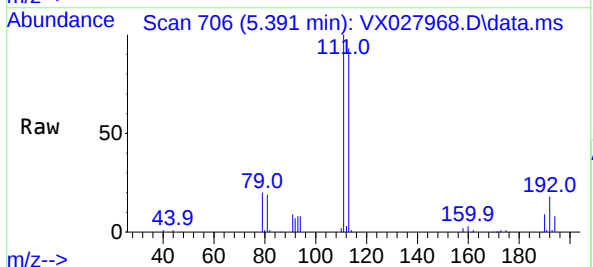
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB143824ZHE#05

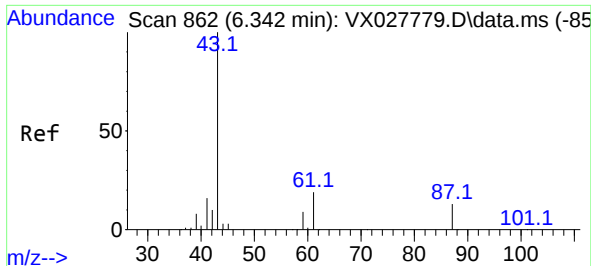
Tgt Ion:114 Resp: 148479  
Ion Ratio Lower Upper  
114 100  
63 21.8 0.0 36.8  
88 16.5 0.0 32.4



#35  
Dibromofluoromethane  
Concen: 50.803 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

Tgt Ion:113 Resp: 48689  
Ion Ratio Lower Upper  
113 100  
111 102.1 82.8 124.2  
192 18.6 16.9 25.3

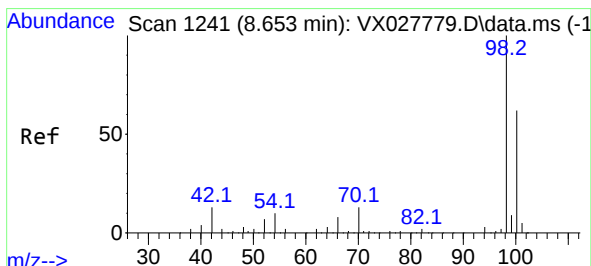
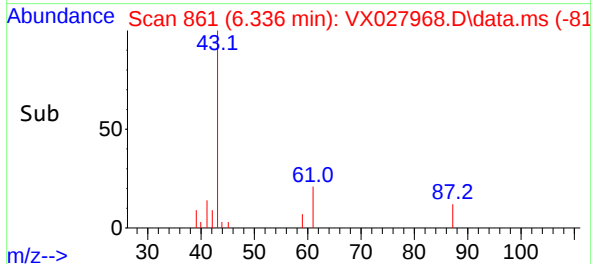
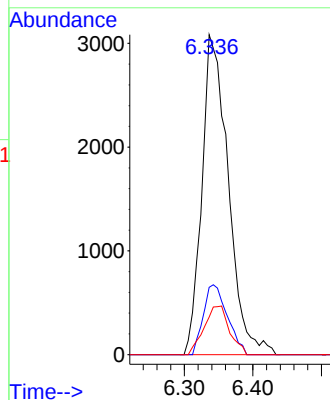
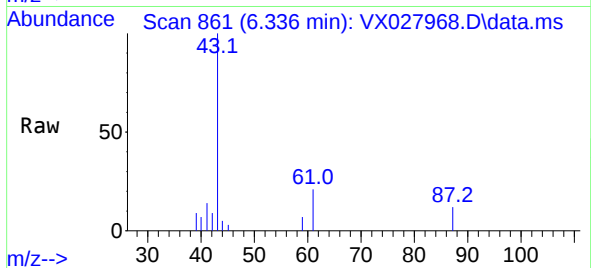




#43  
Isopropyl Acetate  
Concen: 3.445 ug/l  
RT: 6.336 min Scan# 861  
Delta R.T. -0.006 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

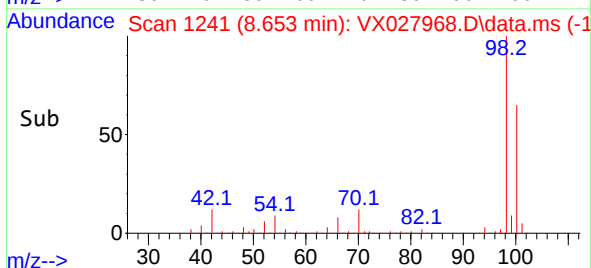
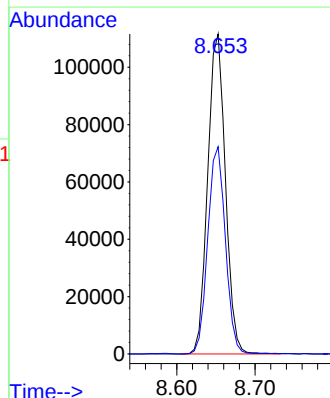
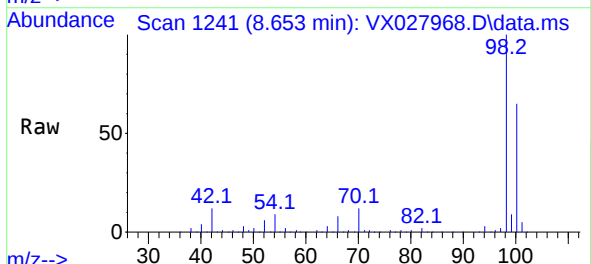
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB143824ZHE#05

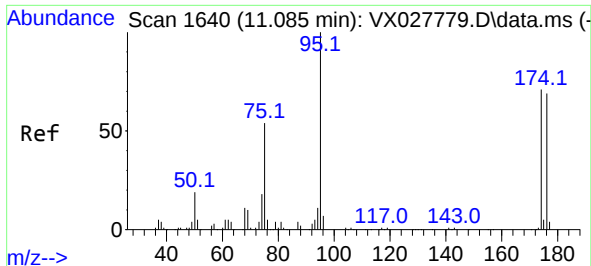
Tgt Ion: 43 Resp: 8257  
Ion Ratio Lower Upper  
43 100  
61 19.9 18.5 27.7  
87 14.6 13.0 19.6



#50  
Toluene-d8  
Concen: 51.859 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

Tgt Ion: 98 Resp: 174873  
Ion Ratio Lower Upper  
98 100  
100 64.4 52.6 78.8

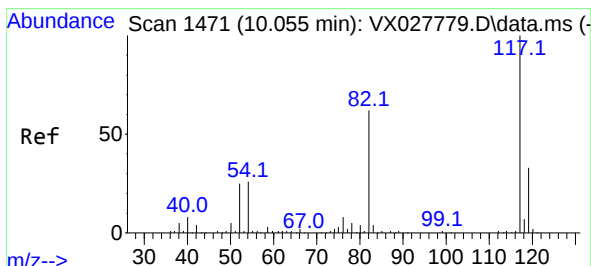
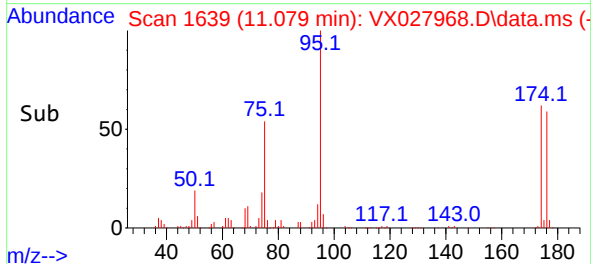
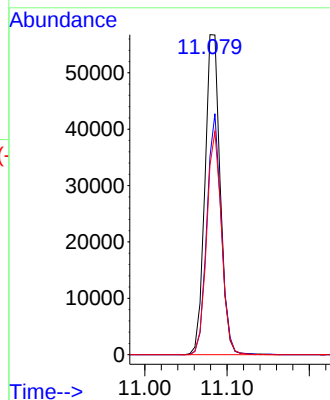
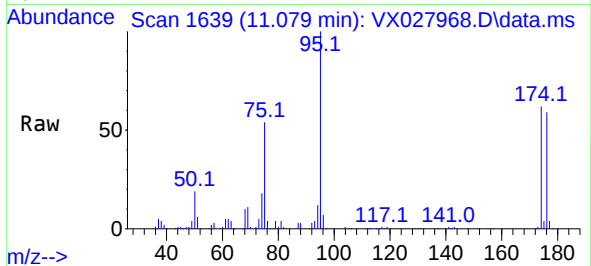




#62  
4-Bromofluorobenzene  
Concen: 51.132 ug/l  
RT: 11.079 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

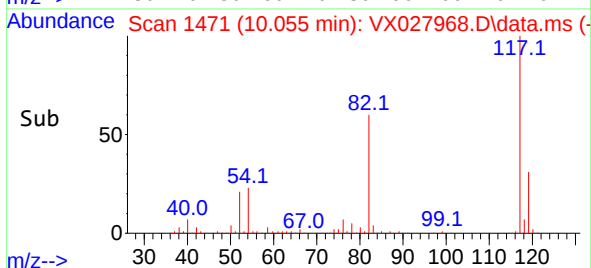
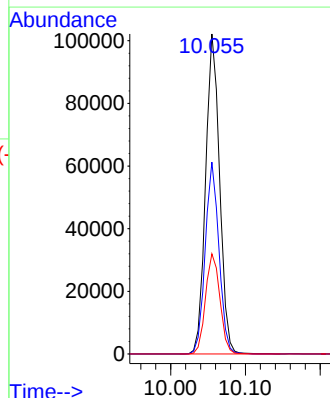
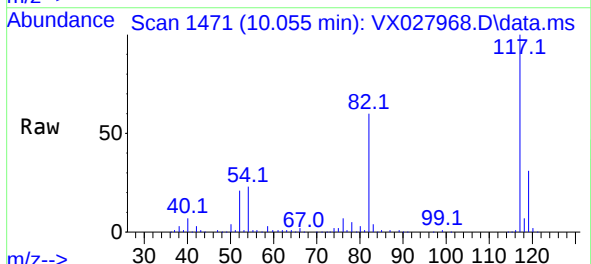
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB143824ZHE#05

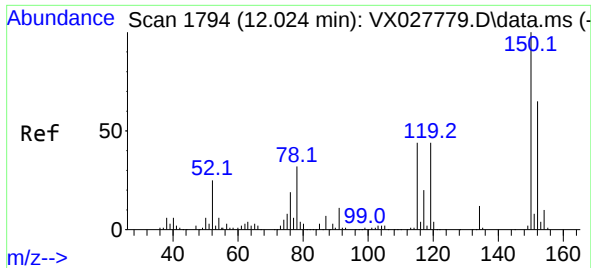
Tgt Ion: 95 Resp: 73273  
Ion Ratio Lower Upper  
95 100  
174 70.8 0.0 163.0  
176 67.3 0.0 155.0



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX027968.D  
Acq: 04 Apr 2022 19:17

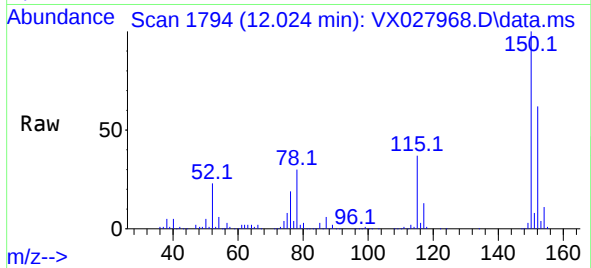
Tgt Ion: 117 Resp: 132766  
Ion Ratio Lower Upper  
117 100  
82 60.0 41.8 62.8  
119 31.3 24.8 37.2





#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VX027968.D  
 Acq: 04 Apr 2022 19:17

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB143824ZHE#05



Tgt Ion:152 Resp: 55292  
 Ion Ratio Lower Upper  
 152 100  
 115 62.4 37.5 112.7  
 150 155.7 0.0 338.2

