

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070522\  
 Data File : VX029924.D  
 Acq On : 05 Jul 2022 16:39  
 Operator : JC/MD  
 Sample : PB145991ZHE#10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB145991ZHE#10

Quant Time: Jul 06 06:57:16 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

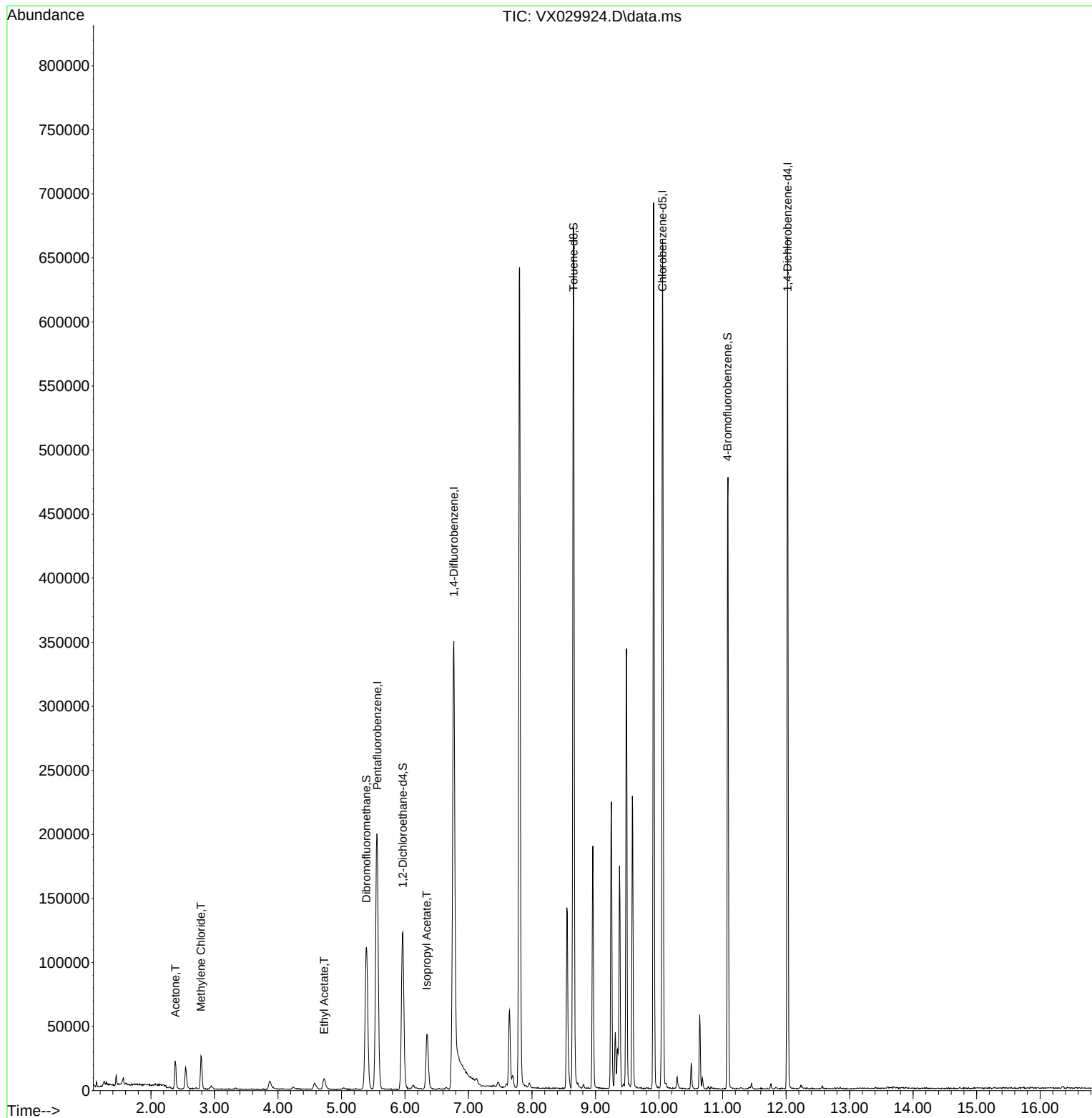
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.562  | 168   | 201465   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.769  | 114   | 352083   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 305579   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 130604   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.964  | 65    | 111494   | 43.720   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 87.440%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 101481   | 46.121   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 92.240%  |
| 50) Toluene-d8              | 8.653  | 98    | 405588   | 49.135   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 98.280%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 134958   | 46.253   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 92.500%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 22822    | 18.292   | ug/l   | 97       |
| 20) Methylene Chloride      | 2.788  | 84    | 11583    | 4.396    | ug/l   | 94       |
| 37) Ethyl Acetate           | 4.727  | 43    | 15678    | 3.917    | ug/l # | 90       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 61245    | 10.162   | ug/l   | 99       |
| -----                       |        |       |          |          |        |          |

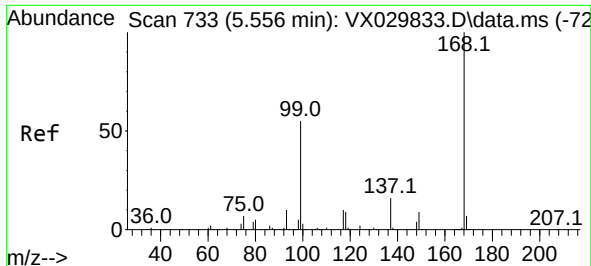
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

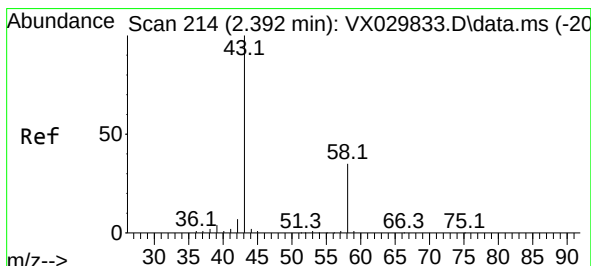
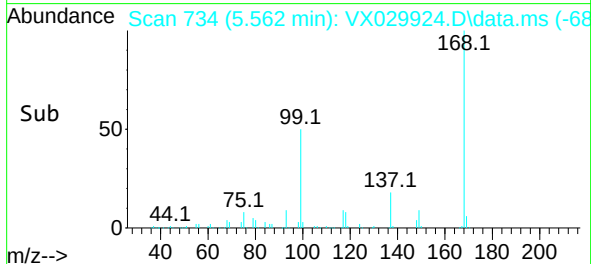
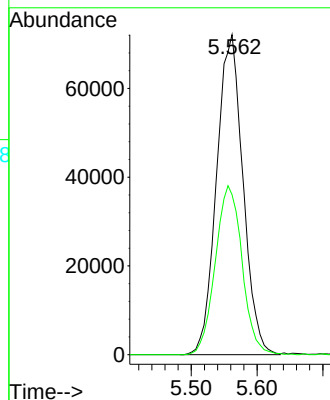
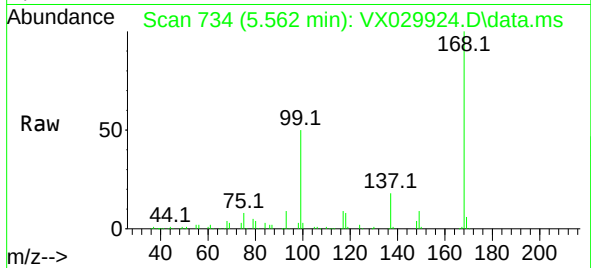




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.562 min Scan# 71  
Delta R.T. 0.006 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

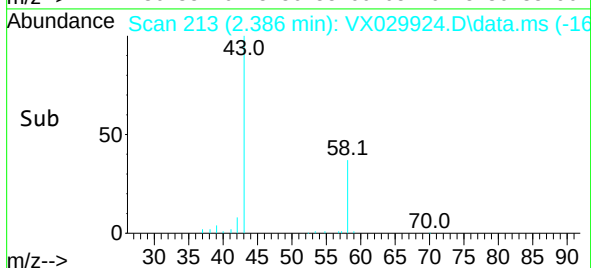
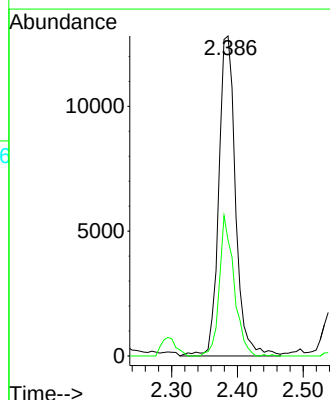
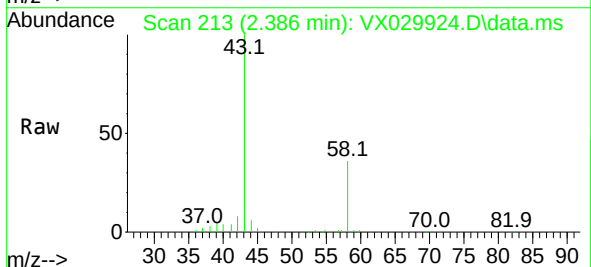
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#10

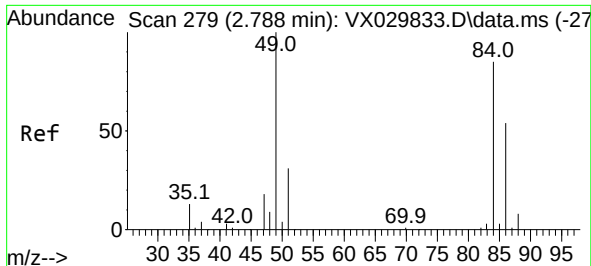
Tgt Ion:168 Resp: 201465  
Ion Ratio Lower Upper  
168 100  
99 50.0 44.0 66.0



#16  
Acetone  
Concen: 18.292 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

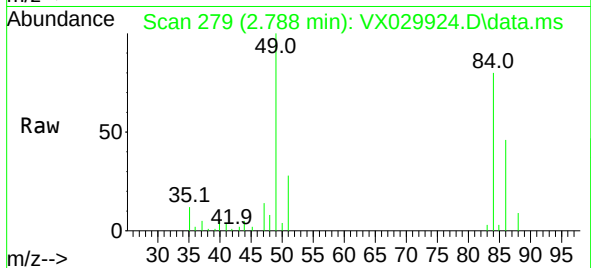
Tgt Ion: 43 Resp: 22822  
Ion Ratio Lower Upper  
43 100  
58 36.2 27.7 41.5



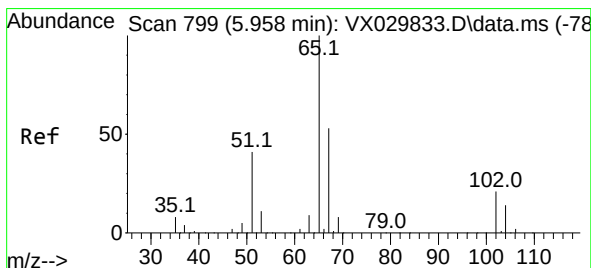
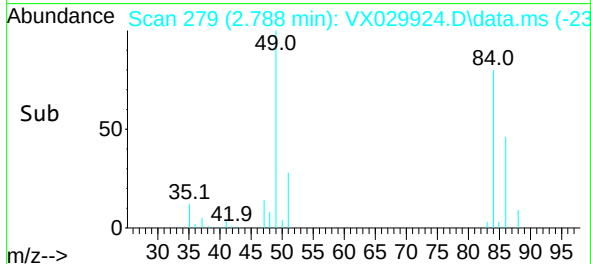
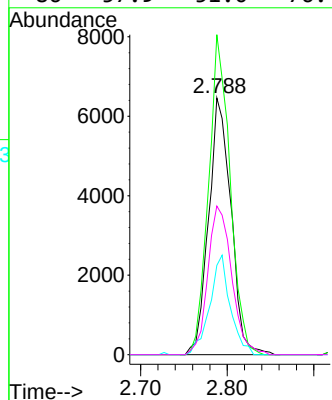


#20  
Methylene Chloride  
Concen: 4.396 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#10

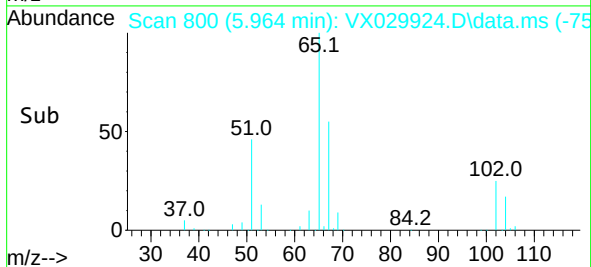
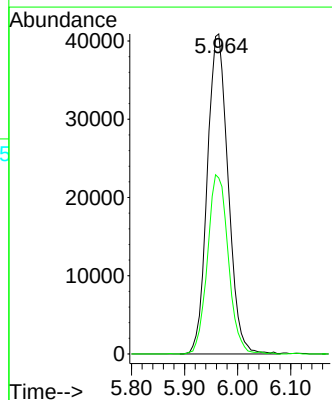
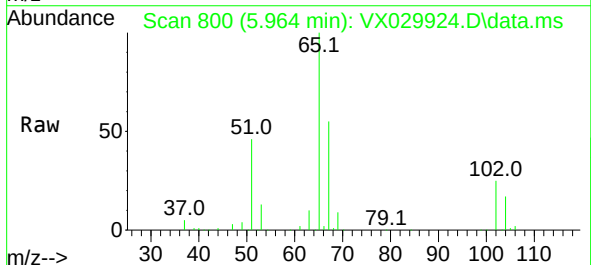


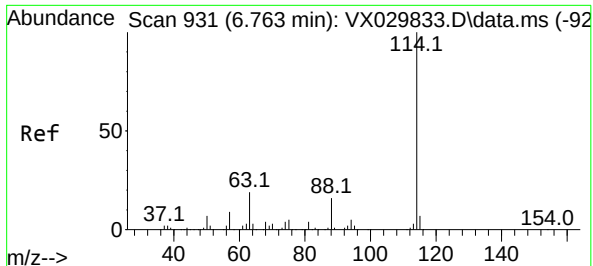
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 11583 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 124.6    | 93.8 140.6  |
| 51 34.7     | 29.4 44.0   |
| 86 57.9     | 51.0 76.4   |



#33  
1,2-Dichloroethane-d4  
Concen: 43.720 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.006 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 111494 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 56.1     | 0.0 109.6    |

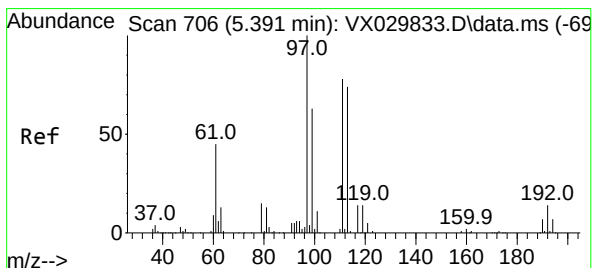
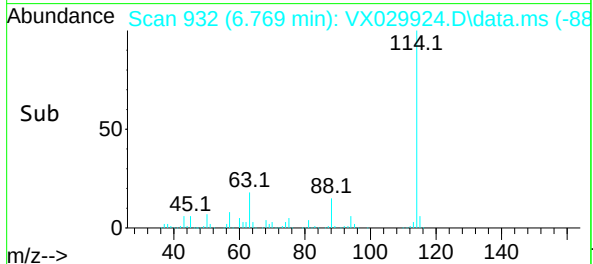
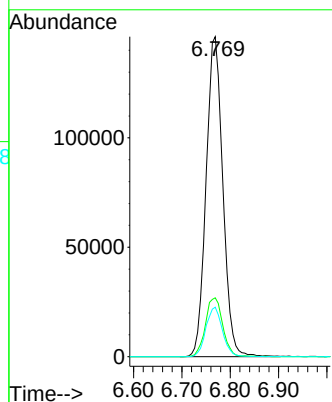
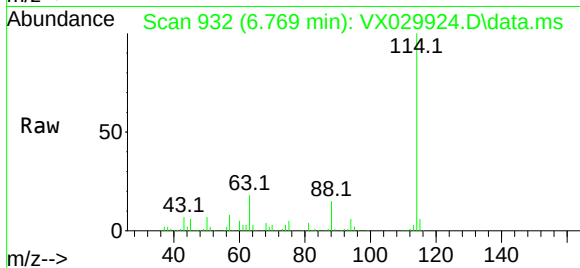




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 911  
Delta R.T. 0.006 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

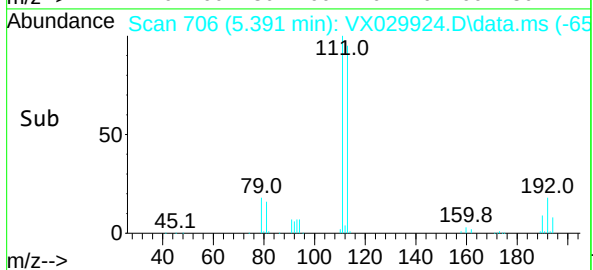
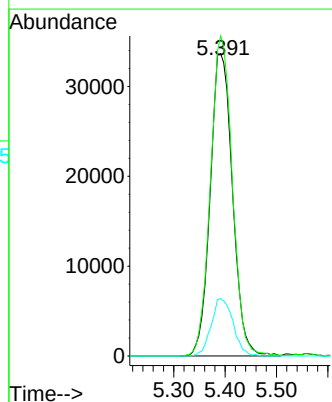
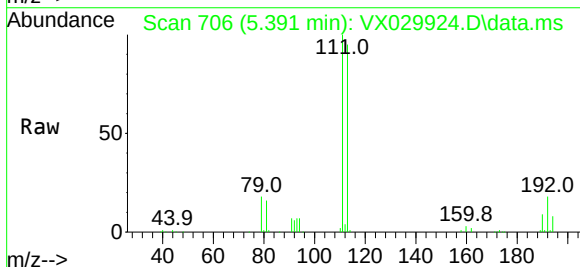
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#10

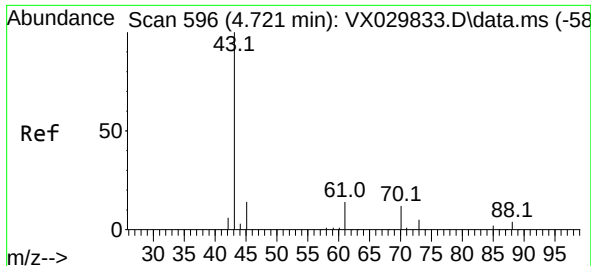
Tgt Ion:114 Resp: 352083  
Ion Ratio Lower Upper  
114 100  
63 18.4 0.0 38.4  
88 15.5 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 46.121 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

Tgt Ion:113 Resp: 101481  
Ion Ratio Lower Upper  
113 100  
111 103.8 83.2 124.8  
192 18.6 14.8 22.2





#37

Ethyl Acetate

Concen: 3.917 ug/l

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX029924.D

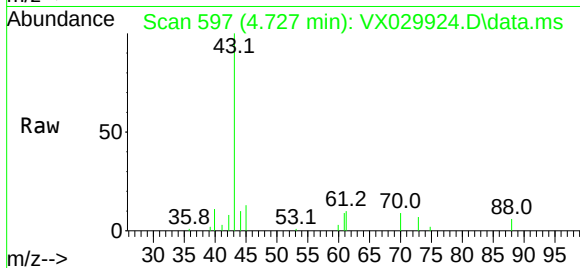
Acq: 05 Jul 2022 16:39

Instrument :

MSVOA\_X

ClientSampleId :

PB145991ZHE#10



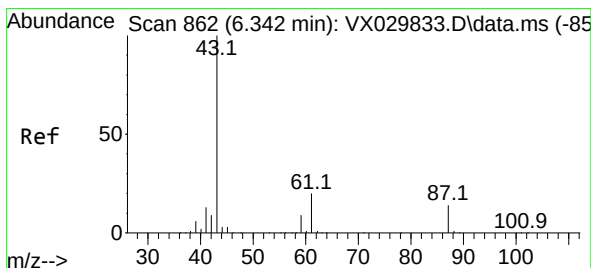
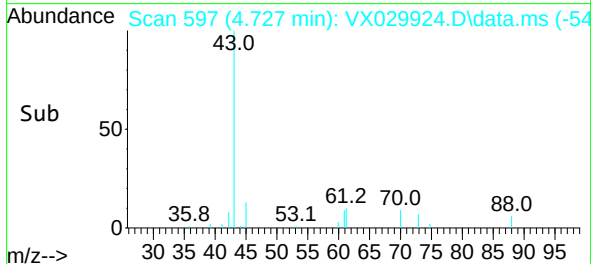
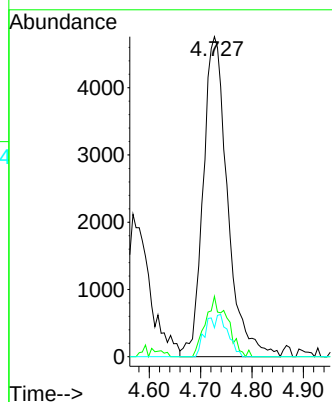
Tgt Ion: 43 Resp: 15678

Ion Ratio Lower Upper

43 100

61 16.7 11.7 17.5

70 5.4 9.3 13.9#



#43

Isopropyl Acetate

Concen: 10.162 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX029924.D

Acq: 05 Jul 2022 16:39

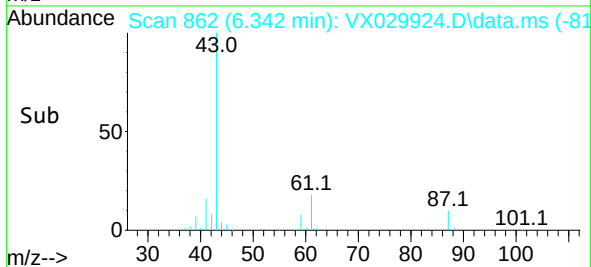
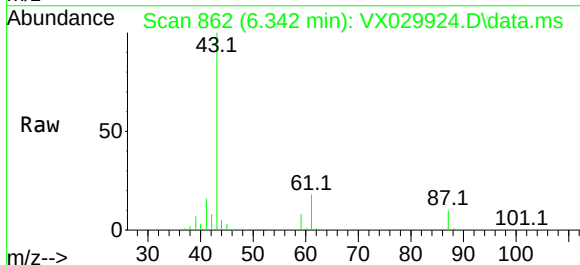
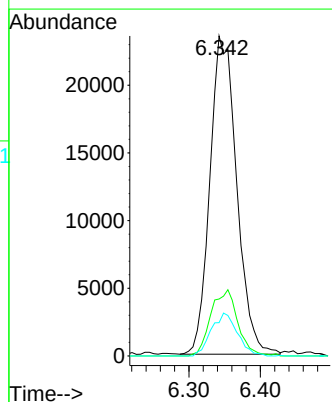
Tgt Ion: 43 Resp: 61245

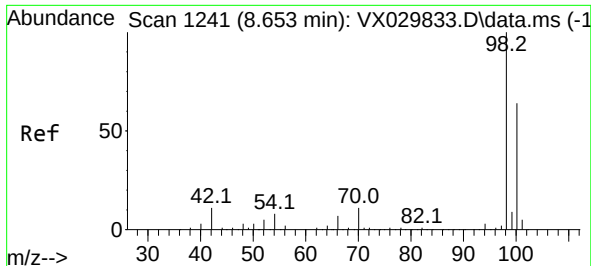
Ion Ratio Lower Upper

43 100

61 21.0 16.5 24.7

87 13.2 11.1 16.7

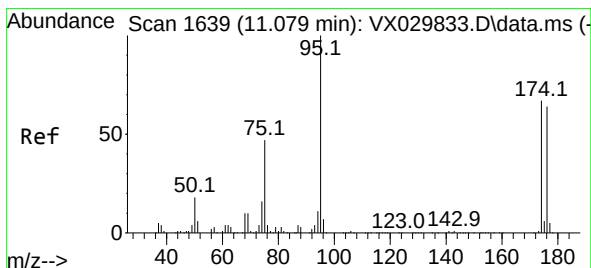
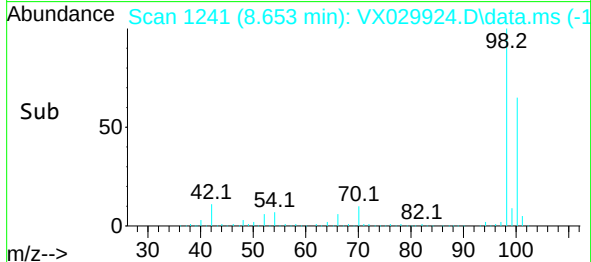
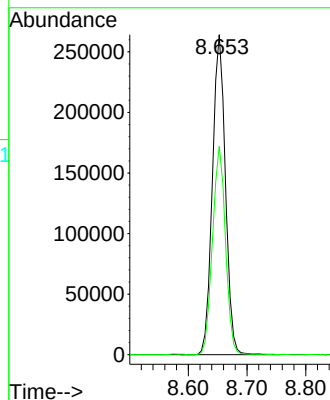
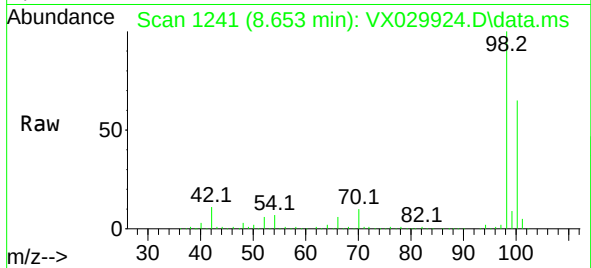




#50  
Toluene-d8  
Concen: 49.135 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

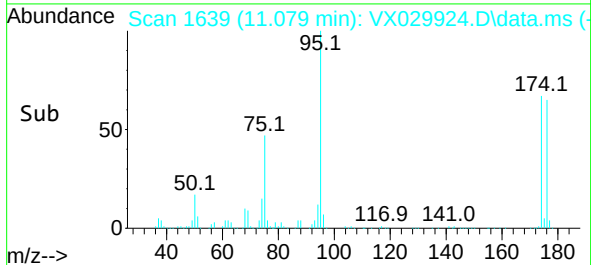
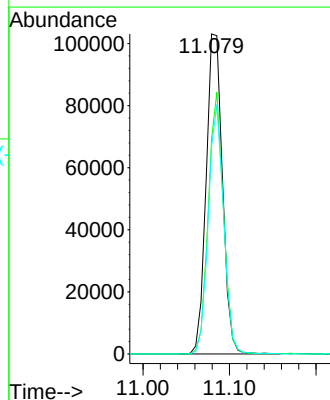
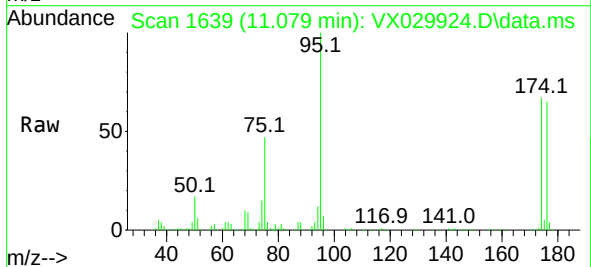
Instrument :  
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PB145991ZHE#10

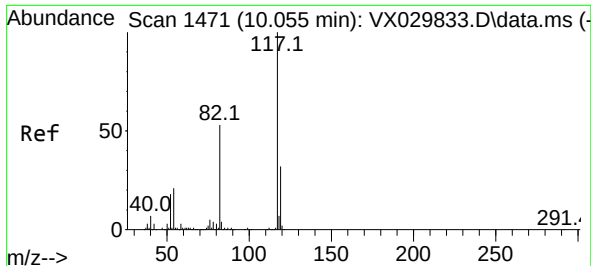
Tgt Ion: 98 Resp: 405588  
Ion Ratio Lower Upper  
98 100  
100 65.2 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 46.253 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

Tgt Ion: 95 Resp: 134958  
Ion Ratio Lower Upper  
95 100  
174 75.9 0.0 149.0  
176 73.0 0.0 146.0

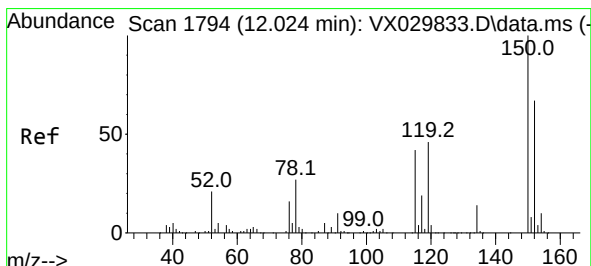
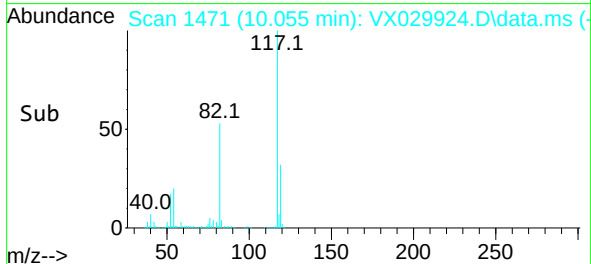
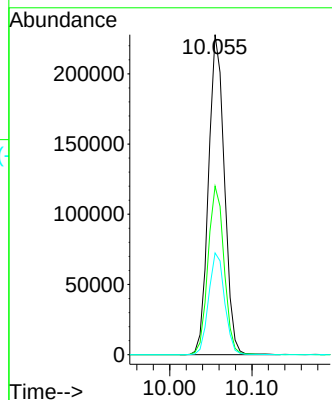
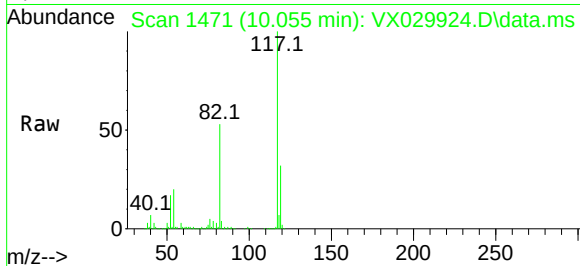




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX029924.D  
Acq: 05 Jul 2022 16:39

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB145991ZHE#10

Tgt Ion:117 Resp: 305579  
Ion Ratio Lower Upper  
117 100  
82 52.7 42.7 64.1  
119 31.8 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: VX029924.D  
Acq: 05 Jul 2022 16:39

Tgt Ion:152 Resp: 130604  
Ion Ratio Lower Upper  
152 100  
115 60.6 40.5 121.5  
150 156.7 0.0 347.0

