

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090622\  
 Data File : VX031142.D  
 Acq On : 06 Sep 2022 20:43  
 Operator : JC/MD  
 Sample : N4479-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-12

Quant Time: Sep 07 01:14:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Sep 02 02:49:21 2022  
 Response via : Initial Calibration

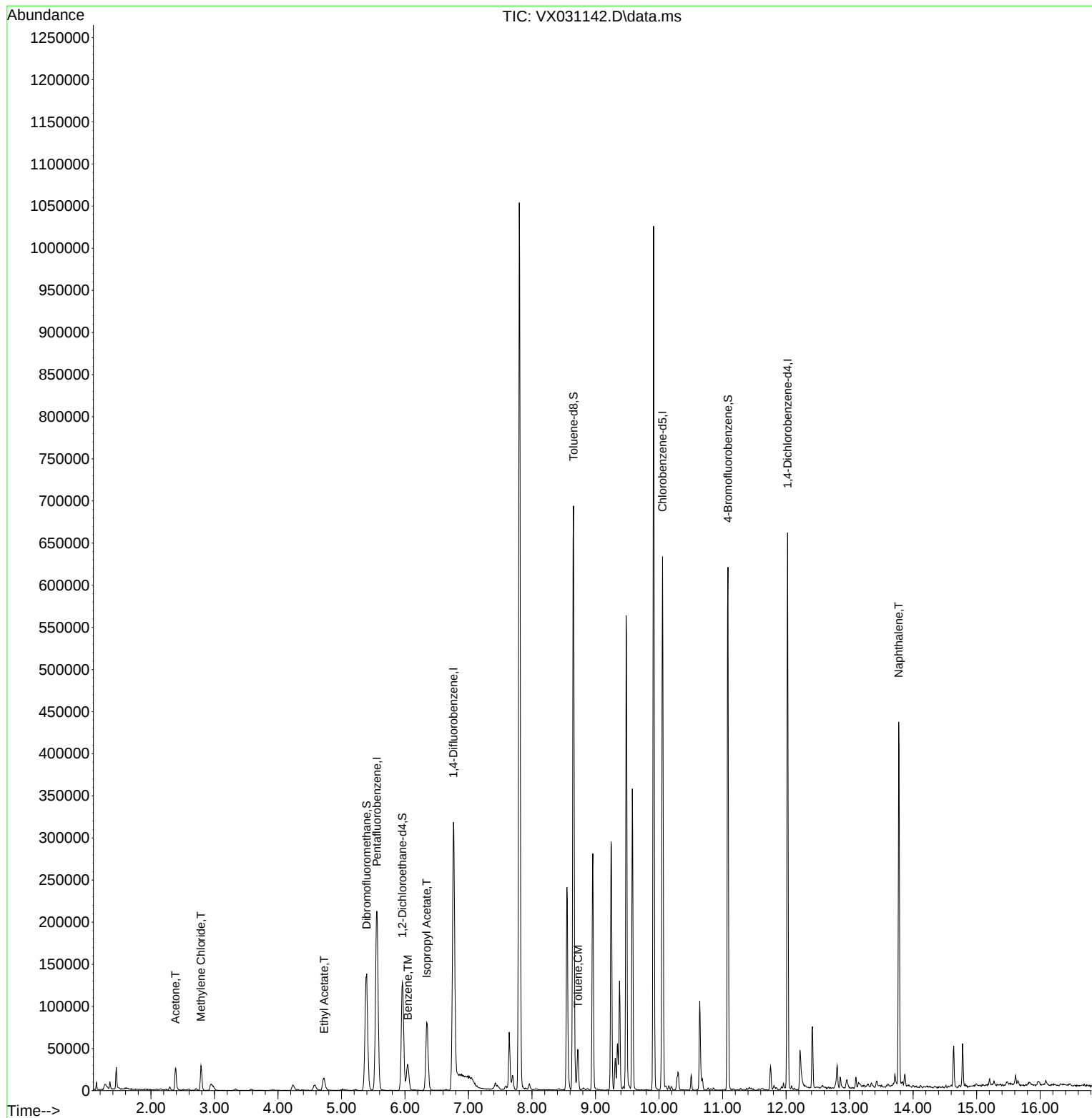
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 219008   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 342094   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 306868   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 147718   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958  | 65    | 131484   | 46.659   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 93.320%  |
| 35) Dibromofluoromethane    | 5.397  | 113   | 127789   | 51.188   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 102.380% |
| 50) Toluene-d8              | 8.653  | 98    | 450790   | 49.063   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 98.120%  |
| 62) 4-Bromofluorobenzene    | 11.085 | 95    | 178092   | 54.879   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 109.760% |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 28631    | 26.318   | ug/l   | 96       |
| 20) Methylene Chloride      | 2.788  | 84    | 14355    | 3.380    | ug/l # | 81       |
| 37) Ethyl Acetate           | 4.727  | 43    | 24395    | 8.029    | ug/l # | 92       |
| 40) Benzene                 | 6.044  | 78    | 40487    | 4.033    | ug/l   | 92       |
| 43) Isopropyl Acetate       | 6.342  | 43    | 104868   | 22.085   | ug/l # | 91       |
| 52) Toluene                 | 8.726  | 92    | 19212    | 2.951    | ug/l   | 97       |
| 95) Naphthalene             | 13.774 | 128   | 290241   | 21.677   | ug/l   | 100      |
| -----                       |        |       |          |          |        |          |

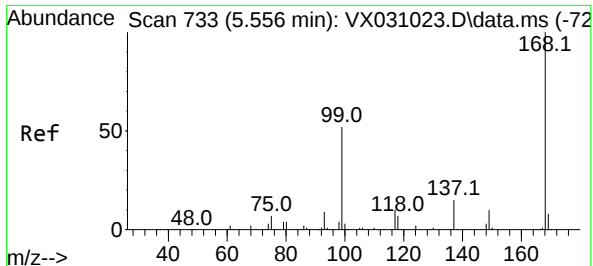
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
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Quant Time: Sep 07 01:14:59 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 02:49:21 2022  
Response via : Initial Calibration

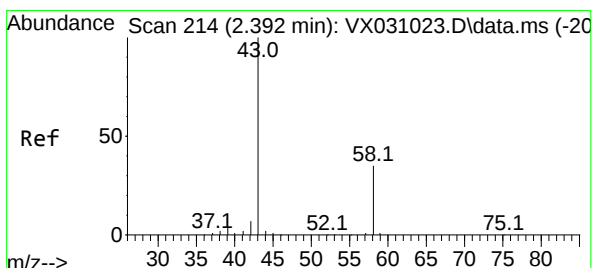
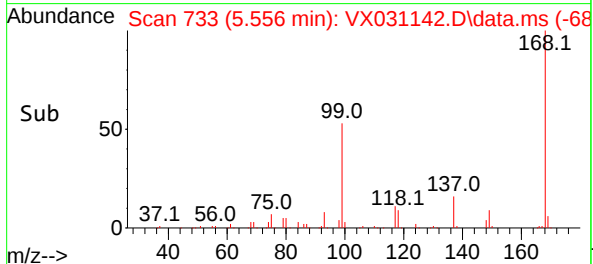
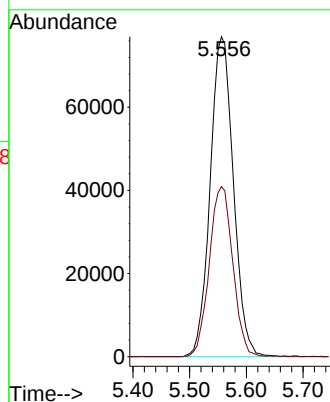
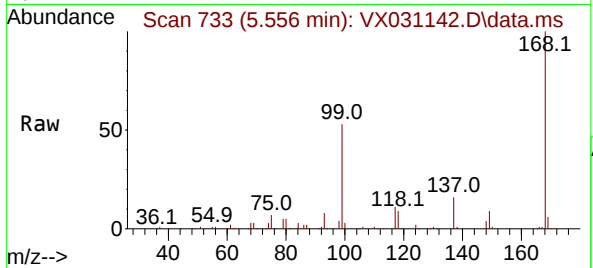




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

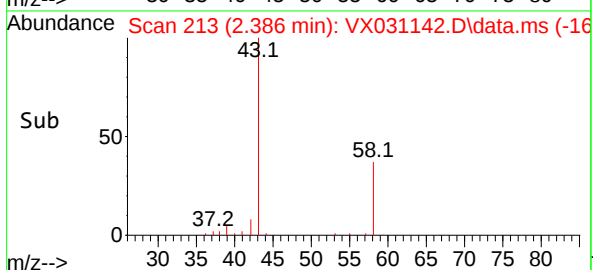
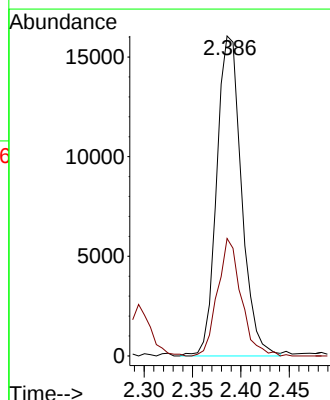
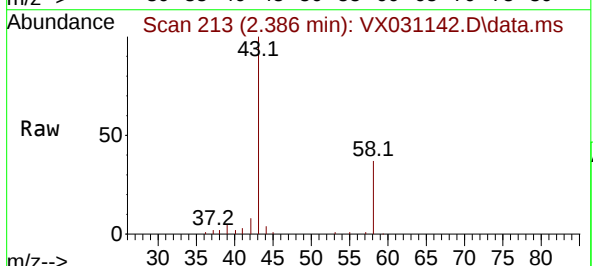
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-12

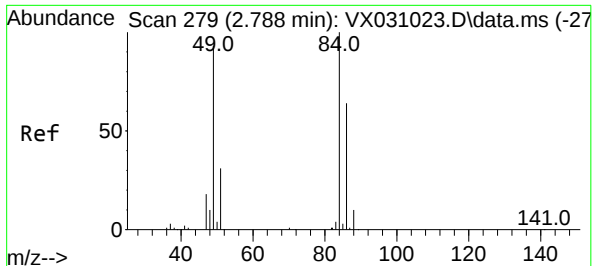
Tgt Ion:168 Resp: 219008  
Ion Ratio Lower Upper  
168 100  
99 53.2 44.0 66.0



#16  
Acetone  
Concen: 26.318 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

Tgt Ion: 43 Resp: 28631  
Ion Ratio Lower Upper  
43 100  
58 36.7 27.7 41.5

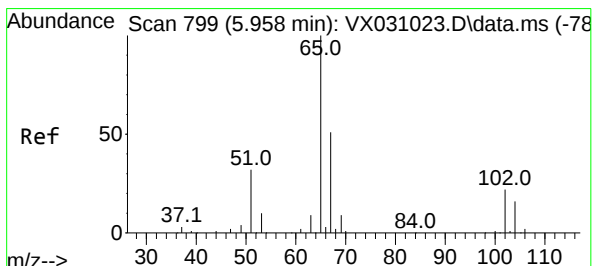
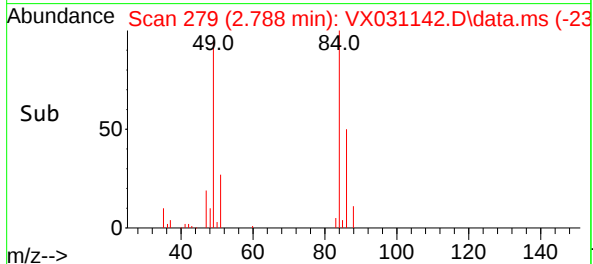
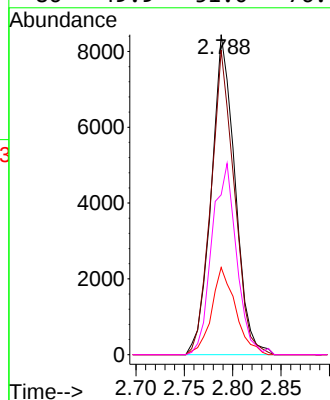
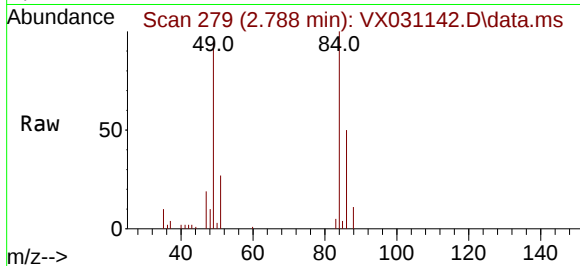




#20  
Methylene Chloride  
Concen: 3.380 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

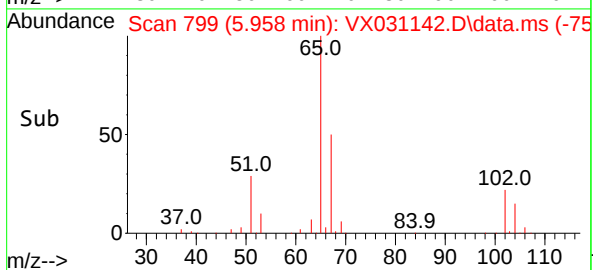
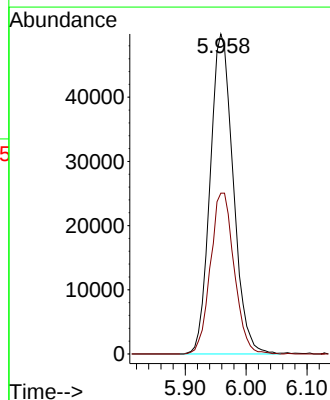
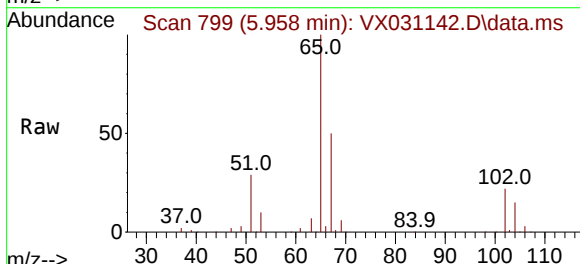
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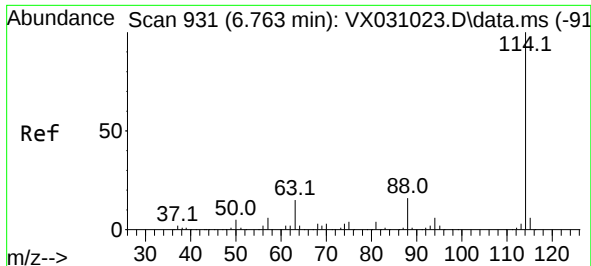
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 14355 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 95.1  | 93.8  | 140.6 |
| 51       | 27.2  | 29.4  | 44.0# |
| 86       | 49.9  | 51.0  | 76.4# |



#33  
1,2-Dichloroethane-d4  
Concen: 46.659 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 131484 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.7  | 0.0   | 109.6  |

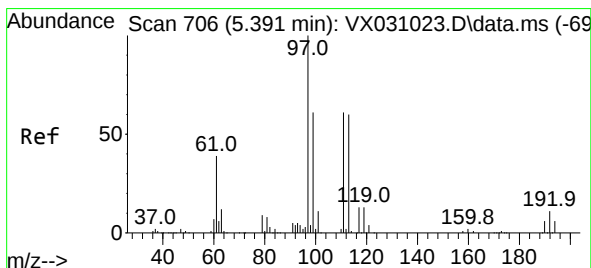
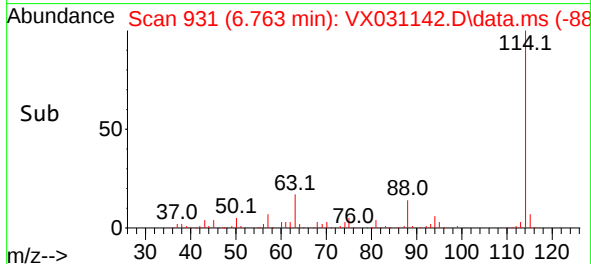
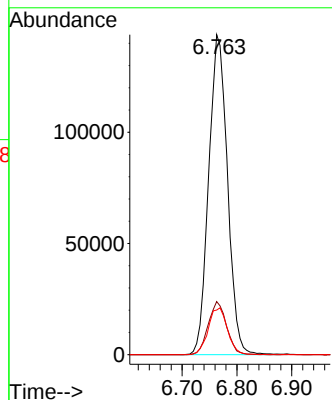
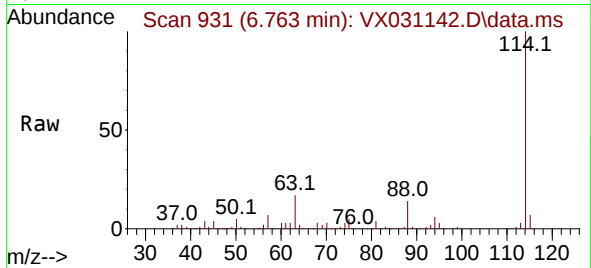




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

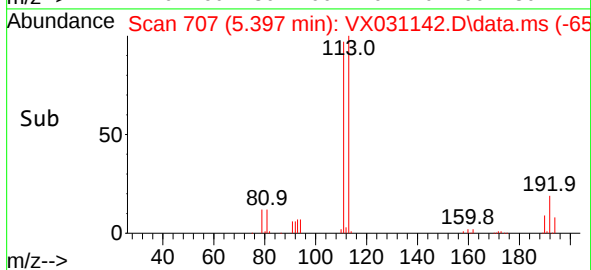
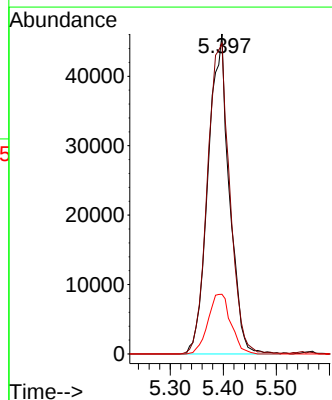
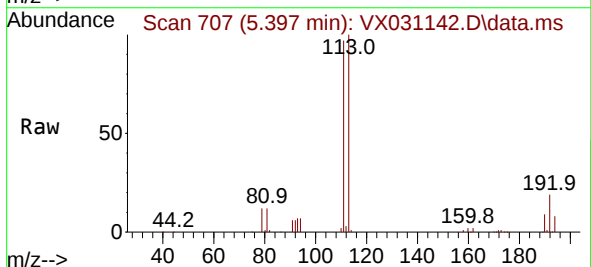
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-12

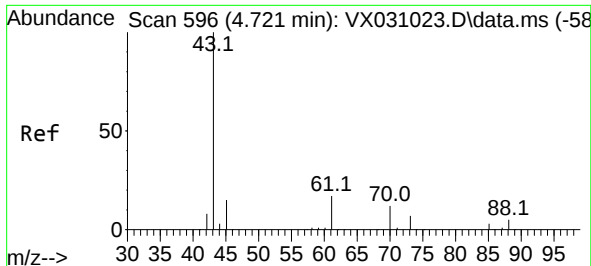
Tgt Ion:114 Resp: 342094  
Ion Ratio Lower Upper  
114 100  
63 16.6 0.0 38.4  
88 14.0 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 51.188 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

Tgt Ion:113 Resp: 127789  
Ion Ratio Lower Upper  
113 100  
111 102.7 83.2 124.8  
192 20.1 14.8 22.2





#37

Ethyl Acetate

Concen: 8.029 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX031142.D

Acq: 06 Sep 2022 20:43

Instrument :

MSVOA\_X

ClientSampleId :

SB-12

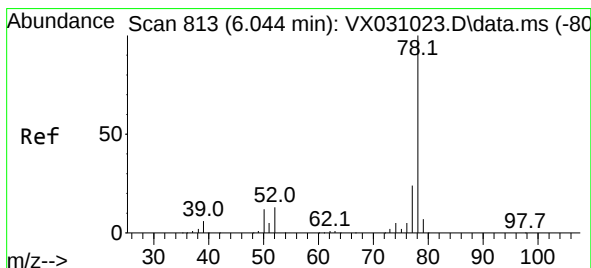
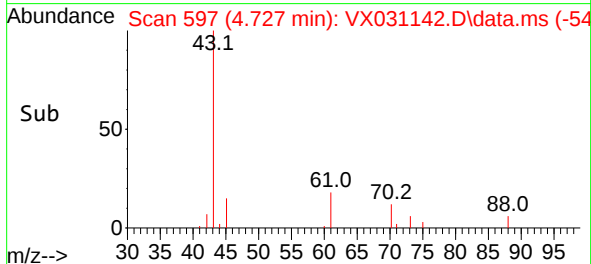
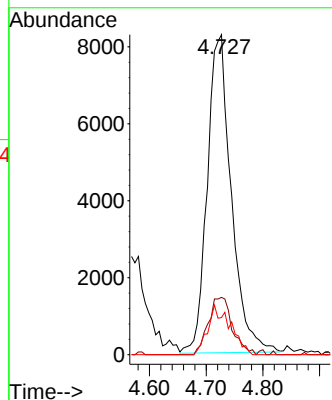
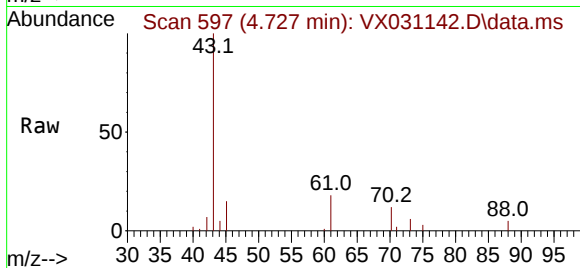
Tgt Ion: 43 Resp: 24395

Ion Ratio Lower Upper

43 100

61 17.9 11.7 17.5#

70 14.6 9.3 13.9#



#40

Benzene

Concen: 4.033 ug/l

RT: 6.044 min Scan# 813

Delta R.T. -0.000 min

Lab File: VX031142.D

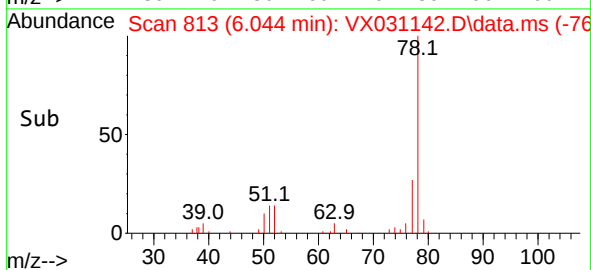
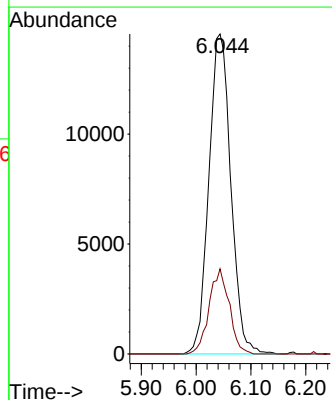
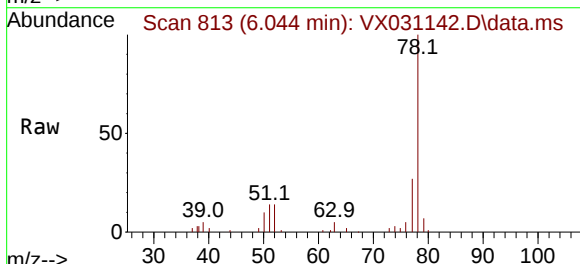
Acq: 06 Sep 2022 20:43

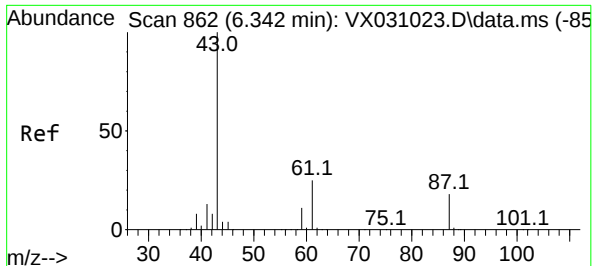
Tgt Ion: 78 Resp: 40487

Ion Ratio Lower Upper

78 100

77 26.6 18.0 27.0

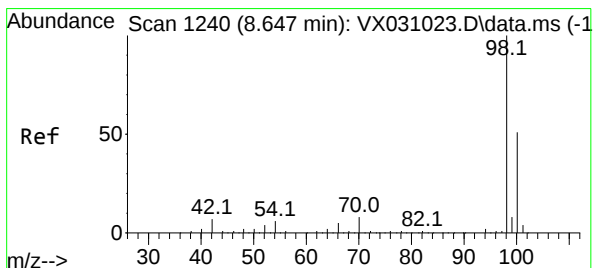
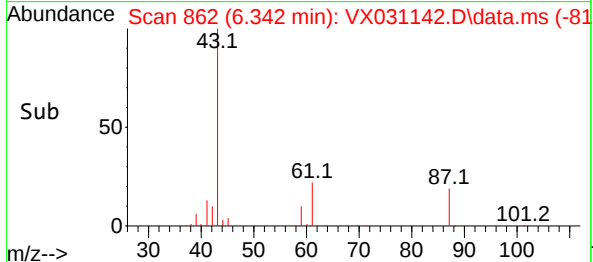
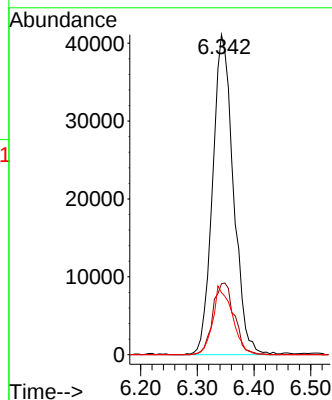
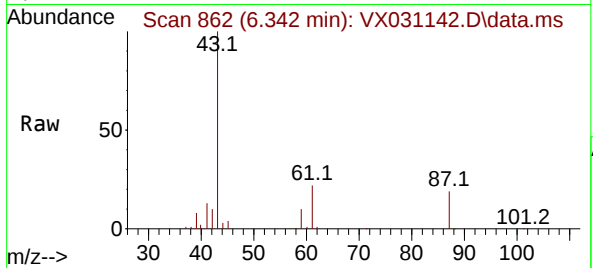




#43  
Isopropyl Acetate  
Concen: 22.085 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. -0.006 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

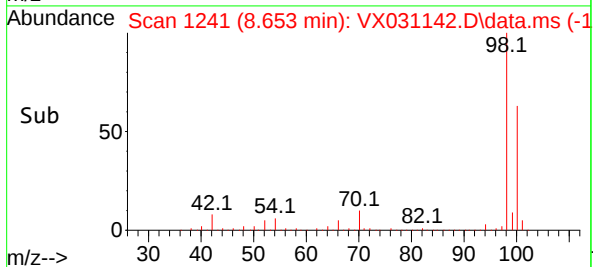
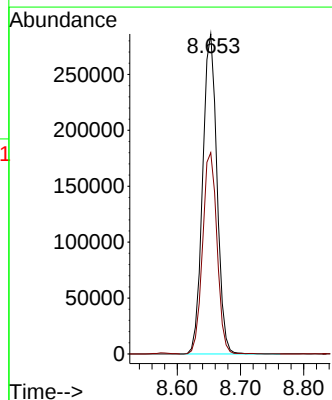
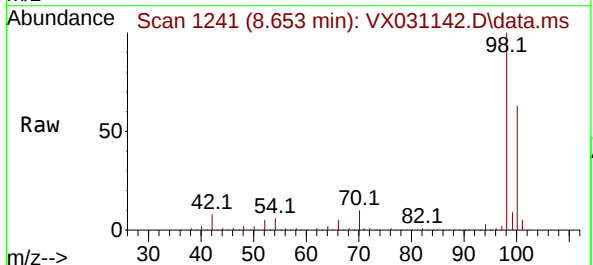
Instrument :  
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ClientSampleId :  
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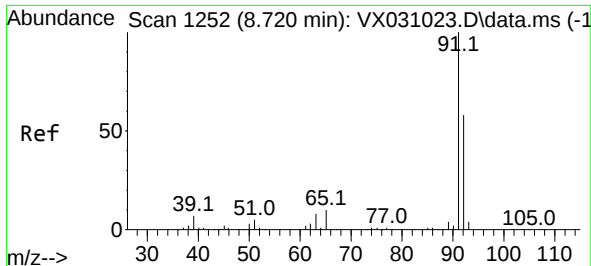
Tgt Ion: 43 Resp: 104868  
Ion Ratio Lower Upper  
43 100  
61 23.1 16.5 24.7  
87 20.1 11.1 16.7#



#50  
Toluene-d8  
Concen: 49.063 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

Tgt Ion: 98 Resp: 450790  
Ion Ratio Lower Upper  
98 100  
100 63.2 52.3 78.5





#52

Toluene

Concen: 2.951 ug/l

RT: 8.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX031142.D

Acq: 06 Sep 2022 20:43

Instrument :

MSVOA\_X

ClientSampleId :

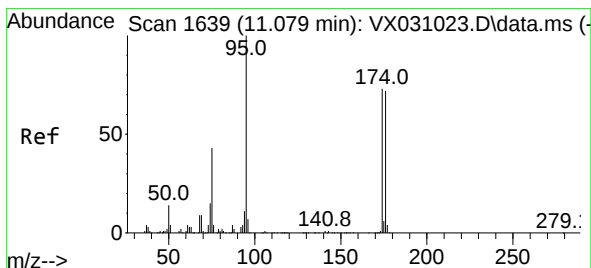
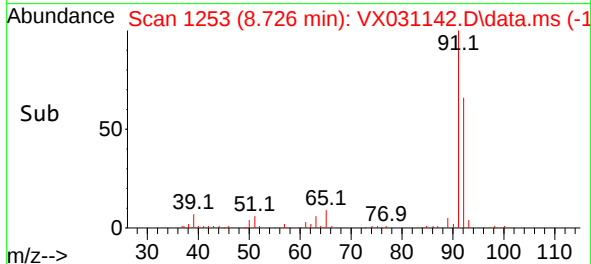
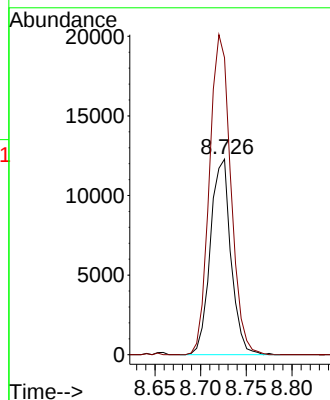
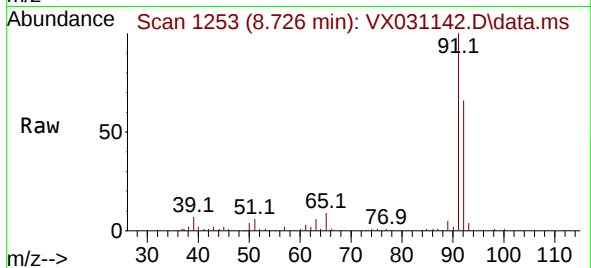
SB-12

Tgt Ion: 92 Resp: 19212

Ion Ratio Lower Upper

92 100

91 170.2 139.2 208.8



#62

4-Bromofluorobenzene

Concen: 54.879 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX031142.D

Acq: 06 Sep 2022 20:43

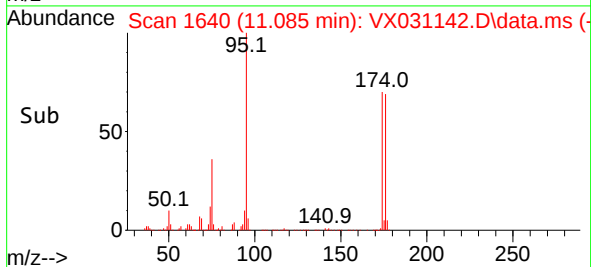
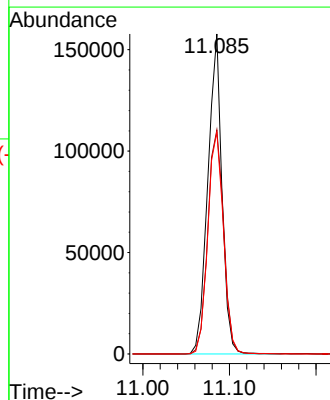
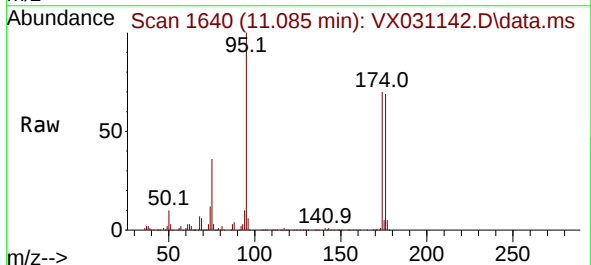
Tgt Ion: 95 Resp: 178092

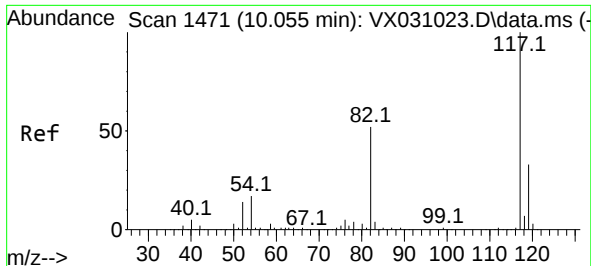
Ion Ratio Lower Upper

95 100

174 78.9 0.0 149.0

176 76.9 0.0 146.0

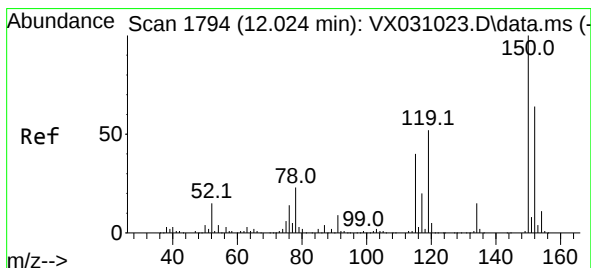
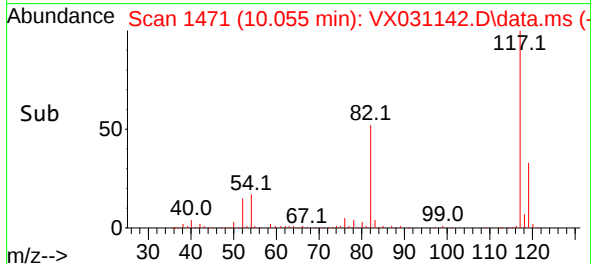
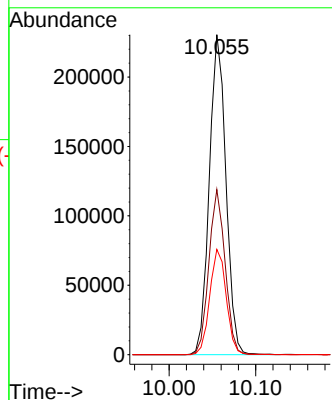
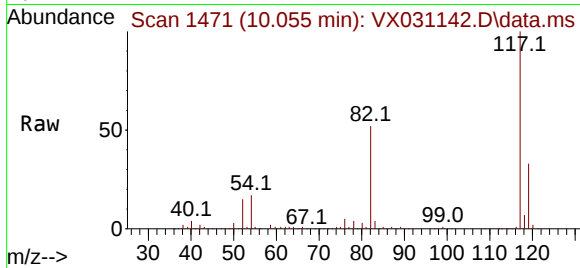




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

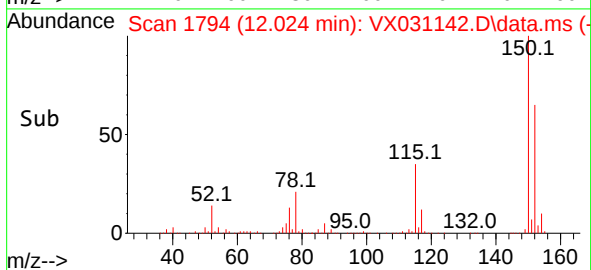
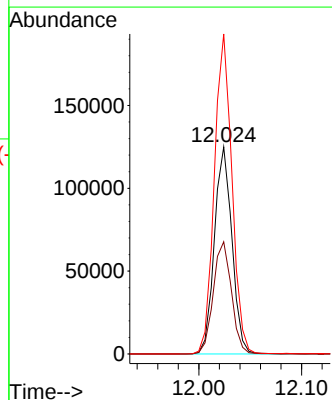
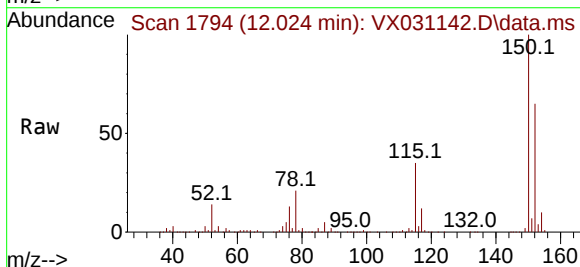
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-12

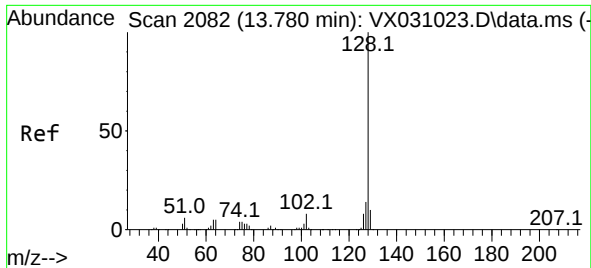
Tgt Ion:117 Resp: 306868  
Ion Ratio Lower Upper  
117 100  
82 51.6 42.7 64.1  
119 32.9 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031142.D  
Acq: 06 Sep 2022 20:43

Tgt Ion:152 Resp: 147718  
Ion Ratio Lower Upper  
152 100  
115 56.3 40.5 121.5  
150 155.1 0.0 347.0





#95

Naphthalene

Concen: 21.677 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX031142.D

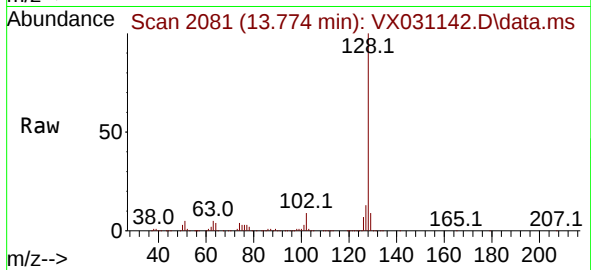
Acq: 06 Sep 2022 20:43

Instrument :

MSVOA\_X

ClientSampleId :

SB-12



Tgt Ion:128 Resp: 290241

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.2

129 10.9 8.6 13.0

