

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX092622\  
 Data File : VX031678.D  
 Acq On : 27 Sep 2022 03:31  
 Operator : JC/MD  
 Sample : N4764-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 354

Quant Time: Sep 27 04:41:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X092622W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 27 01:44:18 2022  
 Response via : Initial Calibration

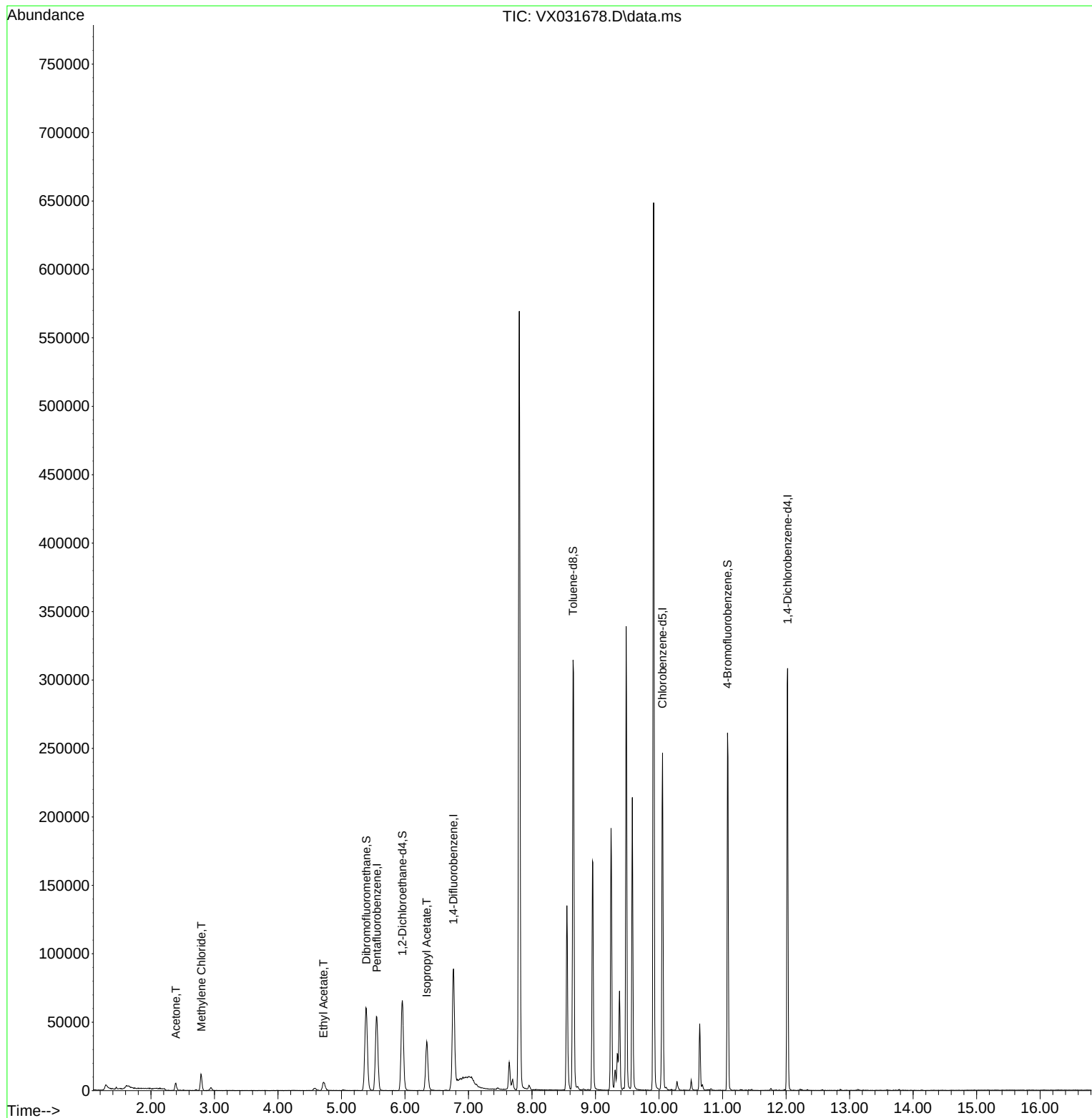
| Compound                    | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-----------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                       |                |      |                     |        |        |          |
| Internal Standards          |                |      |                     |        |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 52476               | 50.000 | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 87559               | 50.000 | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 107822              | 50.000 | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 63281               | 50.000 | ug/l   | 0.00     |
|                             |                |      |                     |        |        |          |
| System Monitoring Compounds |                |      |                     |        |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 62478               | 56.097 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = 112.200% |        |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 50729               | 48.624 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = 97.240%  |        |        |          |
| 50) Toluene-d8              | 8.647          | 98   | 188485              | 49.833 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = 99.660%  |        |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 65672               | 47.372 | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = 94.740%  |        |        |          |
|                             |                |      |                     |        |        |          |
| Target Compounds            |                |      |                     |        | Qvalue |          |
| 16) Acetone                 | 2.392          | 43   | 6280                | 5.781  | ug/l   | 97       |
| 20) Methylene Chloride      | 2.794          | 84   | 5656                | 6.560  | ug/l # | 80       |
| 37) Ethyl Acetate           | 4.714          | 43   | 11283               | 9.336  | ug/l   | 98       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 47631               | 25.042 | ug/l   | 97       |
| -----                       |                |      |                     |        |        |          |

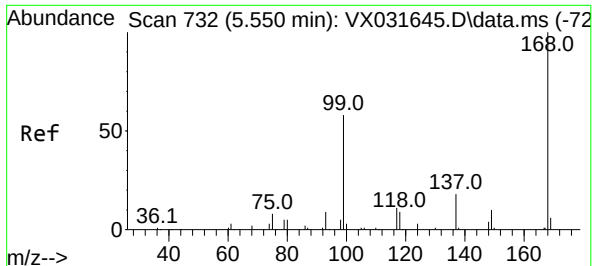
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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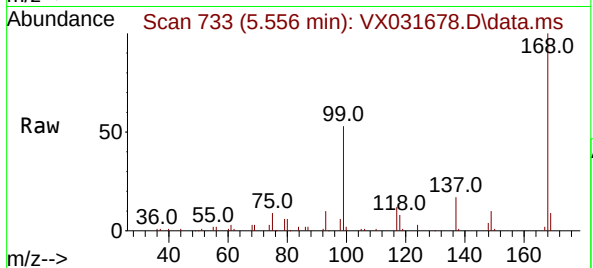


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 713  
Delta R.T. -0.000 min  
Lab File: VX031678.D  
Acq: 27 Sep 2022 03:31

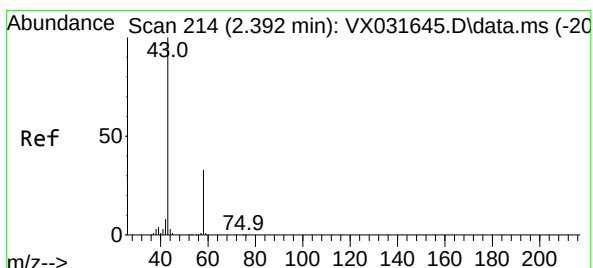
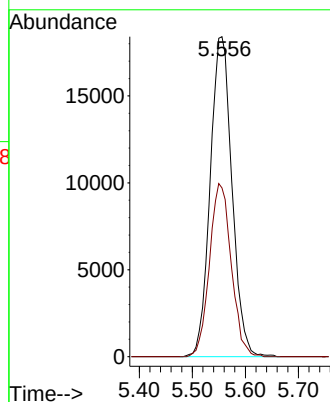
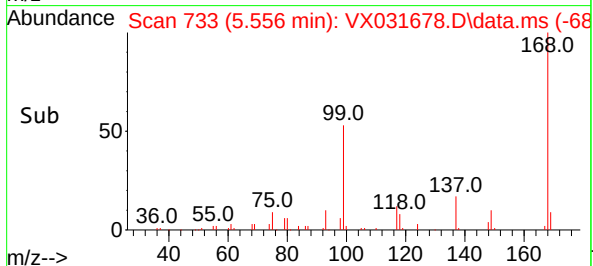
Instrument :

MSVOA\_X

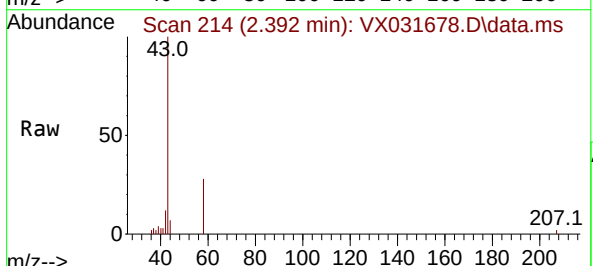
ClientSampleId :  
354



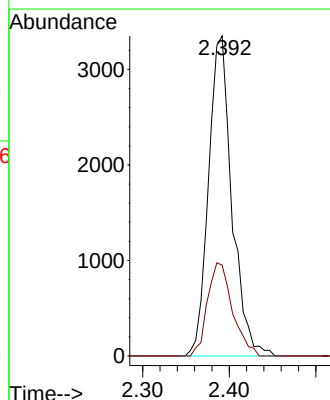
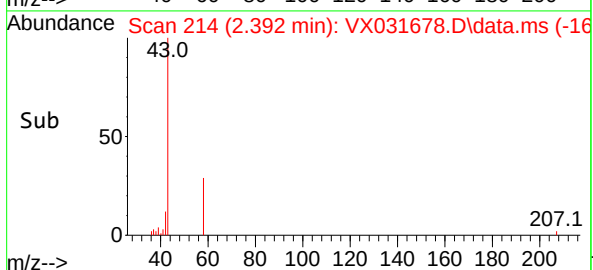
Tgt Ion:168 Resp: 52476  
Ion Ratio Lower Upper  
168 100  
99 52.7 48.8 73.2

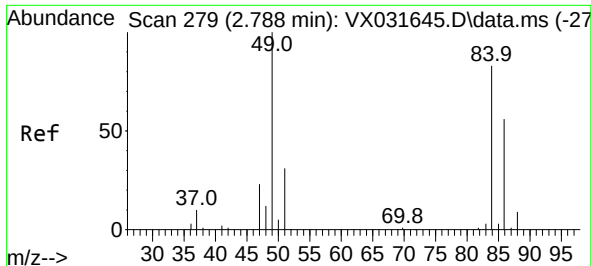


#16  
Acetone  
Concen: 5.781 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX031678.D  
Acq: 27 Sep 2022 03:31



Tgt Ion: 43 Resp: 6280  
Ion Ratio Lower Upper  
43 100  
58 28.4 23.8 35.8

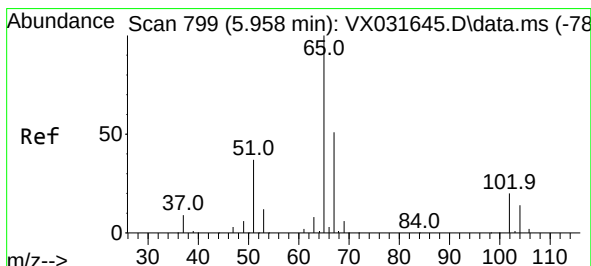
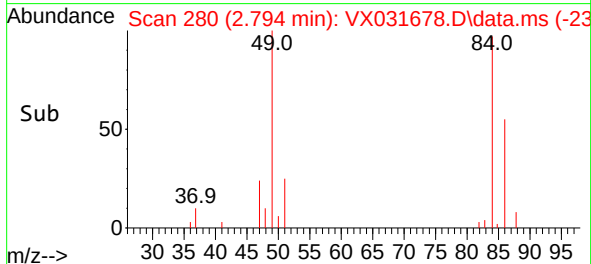
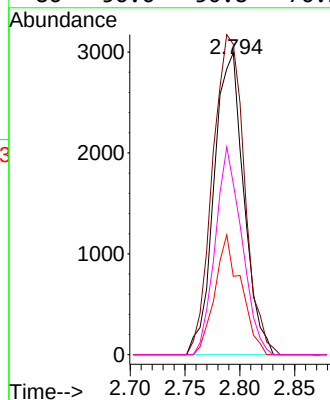
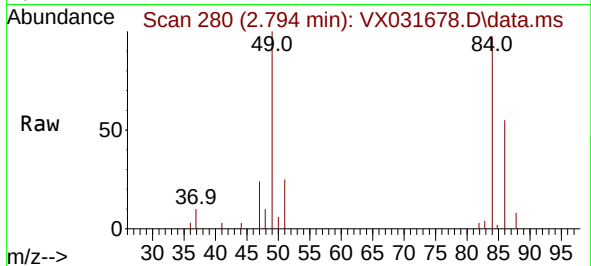




#20  
Methylene Chloride  
Concen: 6.560 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX031678.D  
Acq: 27 Sep 2022 03:31

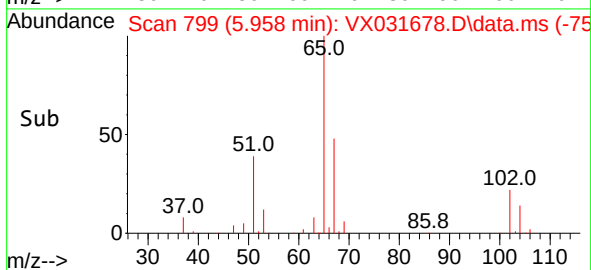
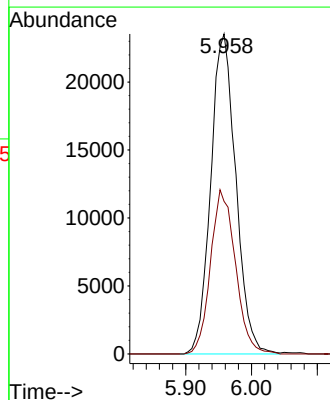
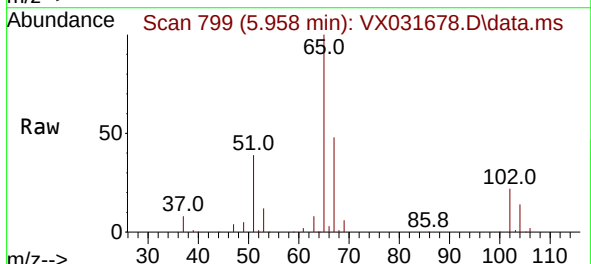
Instrument :  
MSVOA\_X  
ClientSampleId :  
354

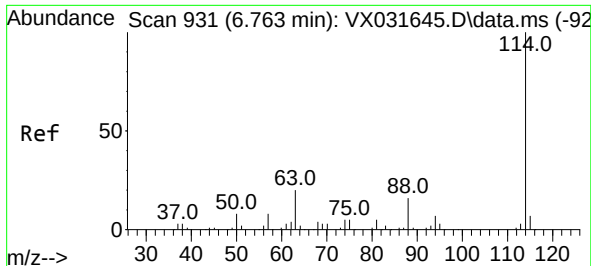
|             |              |
|-------------|--------------|
| Tgt Ion: 84 | Resp: 5656   |
| Ion Ratio   | Lower Upper  |
| 84 100      |              |
| 49 102.8    | 105.9 158.9# |
| 51 26.0     | 32.2 48.2#   |
| 86 56.6     | 50.8 76.2    |



#33  
1,2-Dichloroethane-d4  
Concen: 56.097 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031678.D  
Acq: 27 Sep 2022 03:31

|             |             |
|-------------|-------------|
| Tgt Ion: 65 | Resp: 62478 |
| Ion Ratio   | Lower Upper |
| 65 100      |             |
| 67 50.9     | 0.0 102.4   |

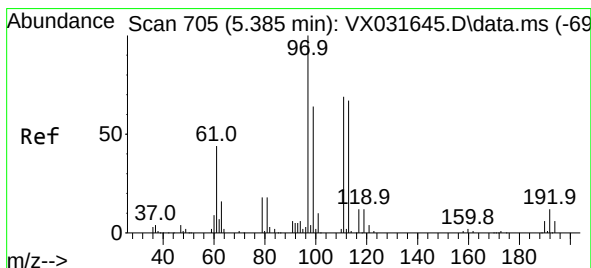
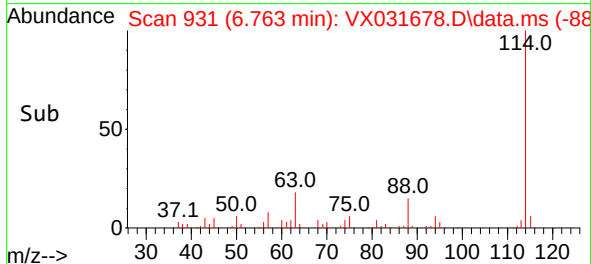
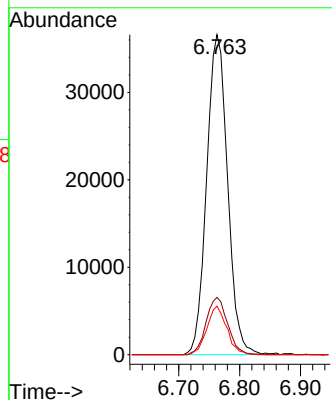
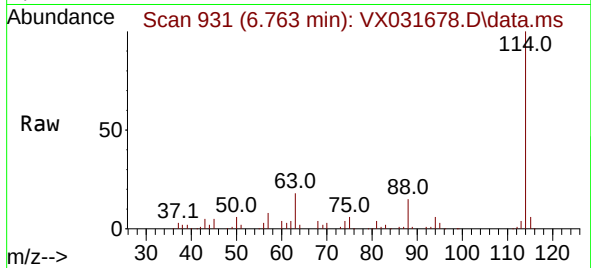




#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.763 min Scan# 91  
 Delta R.T. -0.000 min  
 Lab File: VX031678.D  
 Acq: 27 Sep 2022 03:31

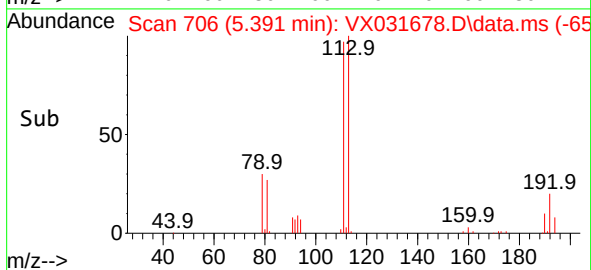
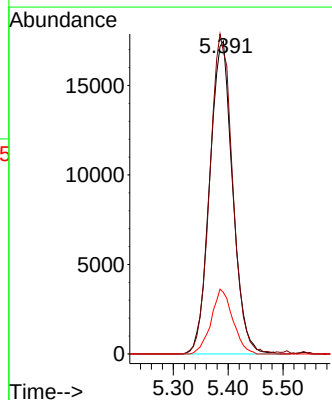
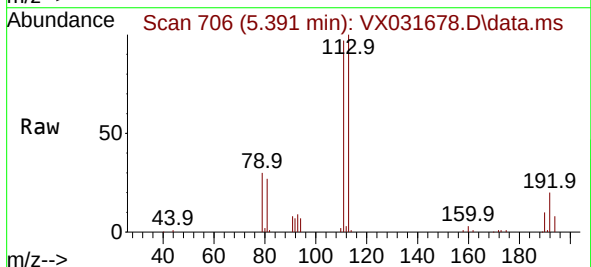
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 354

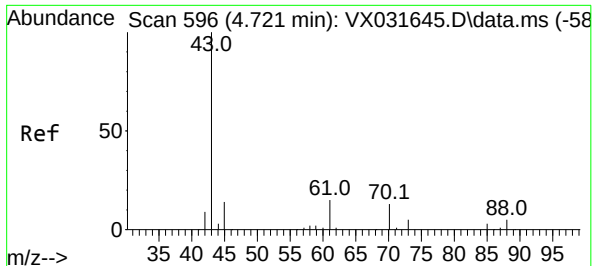
|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:114 | Resp: | 87559       |
| Ion         | Ratio | Lower Upper |
| 114         | 100   |             |
| 63          | 17.9  | 0.0 42.6    |
| 88          | 15.2  | 0.0 33.0    |



#35  
 Dibromofluoromethane  
 Concen: 48.624 ug/l  
 RT: 5.391 min Scan# 706  
 Delta R.T. 0.000 min  
 Lab File: VX031678.D  
 Acq: 27 Sep 2022 03:31

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:113 | Resp: | 50729       |
| Ion         | Ratio | Lower Upper |
| 113         | 100   |             |
| 111         | 101.8 | 82.4 123.6  |
| 192         | 19.5  | 14.1 21.1   |





#37

Ethyl Acetate

Concen: 9.336 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.007 min

Lab File: VX031678.D

Acq: 27 Sep 2022 03:31

Instrument :

MSVOA\_X

ClientSampleId :

354

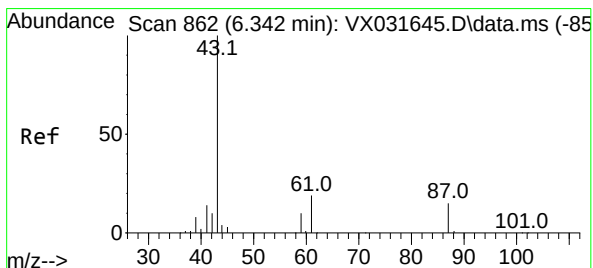
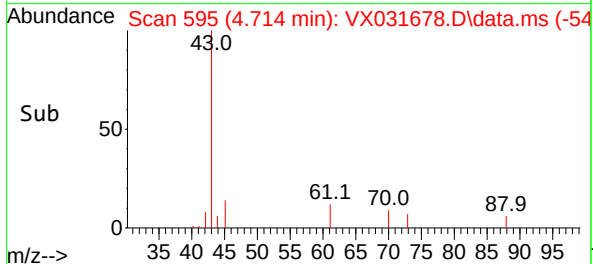
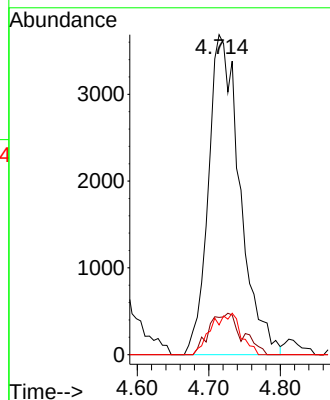
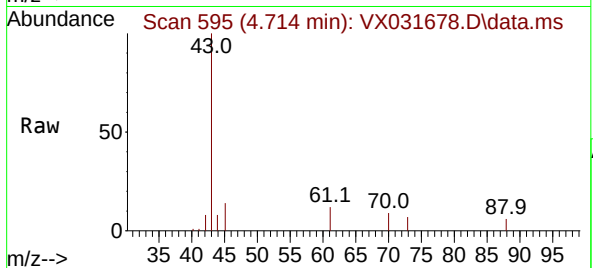
Tgt Ion: 43 Resp: 11283

Ion Ratio Lower Upper

43 100

61 13.7 11.1 16.7

70 12.1 8.6 13.0



#43

Isopropyl Acetate

Concen: 25.042 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX031678.D

Acq: 27 Sep 2022 03:31

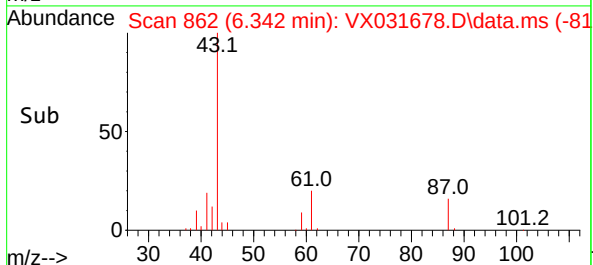
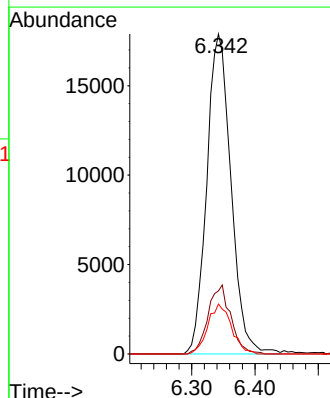
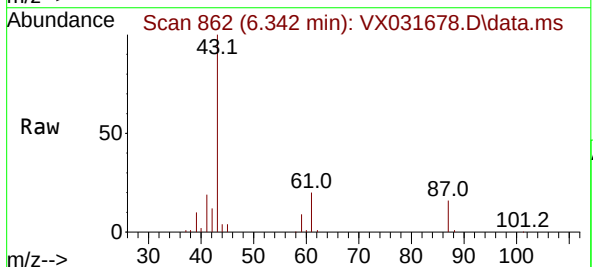
Tgt Ion: 43 Resp: 47631

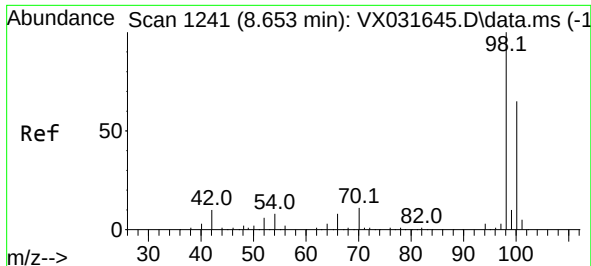
Ion Ratio Lower Upper

43 100

61 20.1 15.3 22.9

87 15.2 10.6 15.8





#50

Toluene-d8

Concen: 49.833 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031678.D

Acq: 27 Sep 2022 03:31

Instrument :

MSVOA\_X

ClientSampleId :

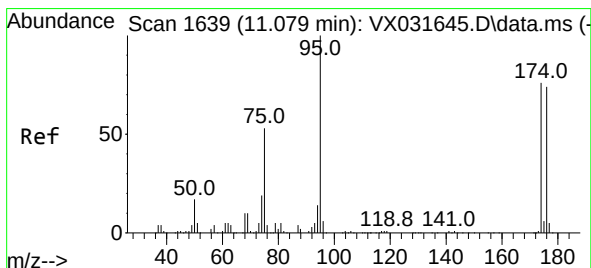
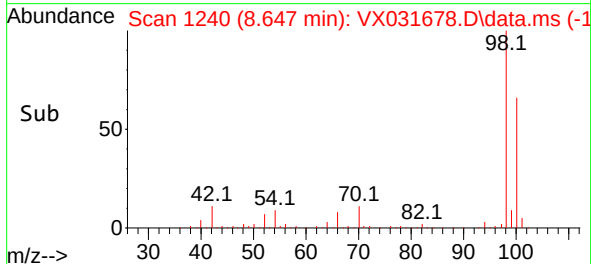
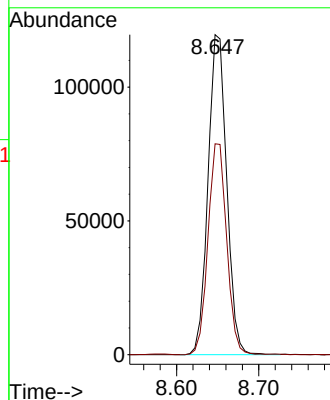
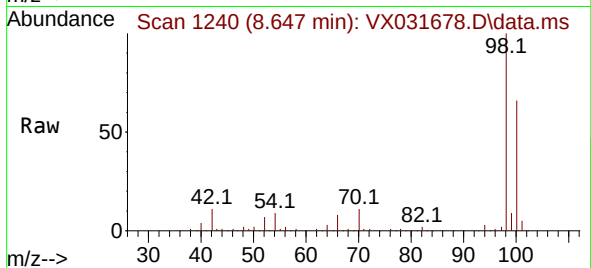
354

Tgt Ion: 98 Resp: 188485

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 47.372 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031678.D

Acq: 27 Sep 2022 03:31

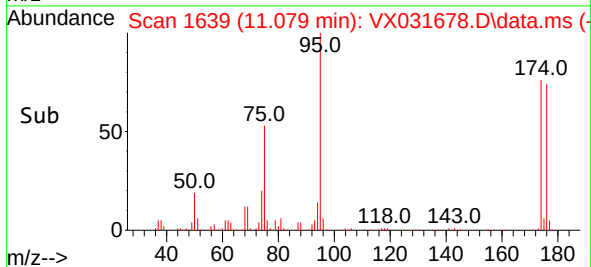
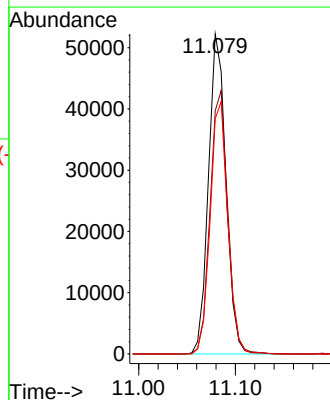
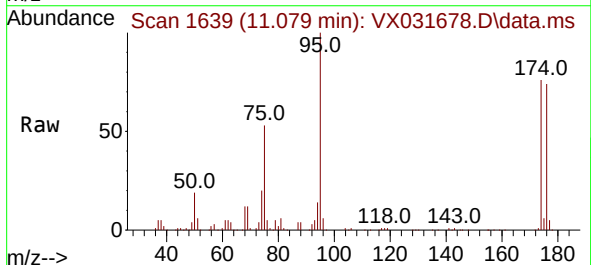
Tgt Ion: 95 Resp: 65672

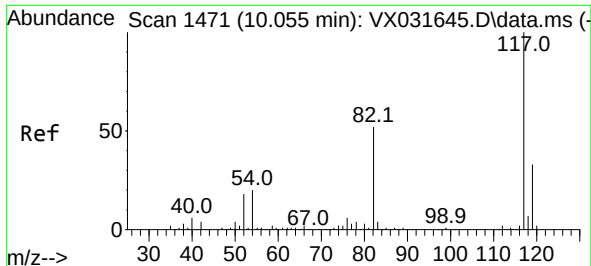
Ion Ratio Lower Upper

95 100

174 83.8 0.0 153.2

176 79.5 0.0 144.0

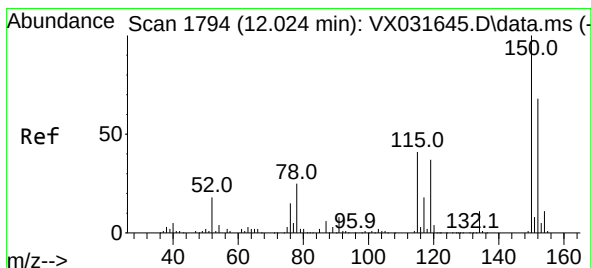
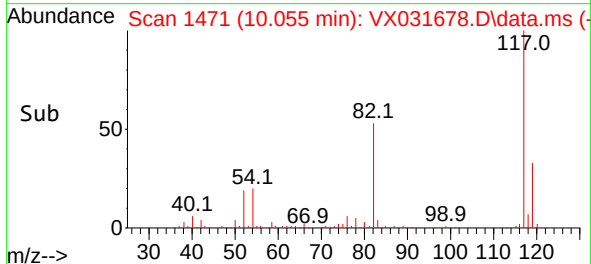
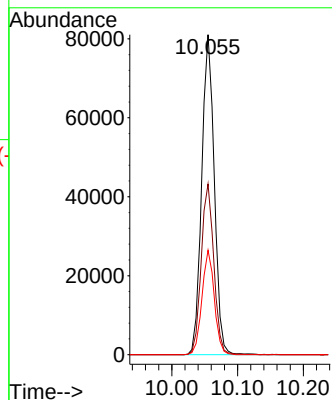
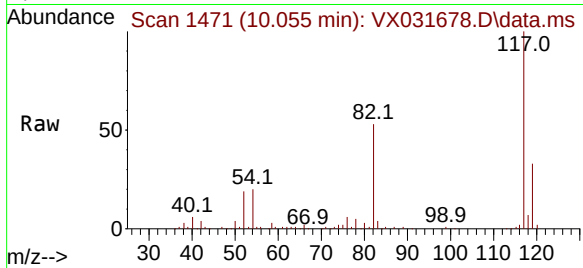




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX031678.D  
Acq: 27 Sep 2022 03:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
354

Tgt Ion:117 Resp: 107822  
Ion Ratio Lower Upper  
117 100  
82 53.3 46.8 70.2  
119 32.7 26.4 39.6



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031678.D  
Acq: 27 Sep 2022 03:31

Tgt Ion:152 Resp: 63281  
Ion Ratio Lower Upper  
152 100  
115 59.1 43.4 130.1  
150 154.4 0.0 346.8

