

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090322\  
 Data File : VX031118.D  
 Acq On : 04 Sep 2022 05:55  
 Operator : JC/MD  
 Sample : N4479-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 SB-11

Quant Time: Sep 06 01:57:06 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

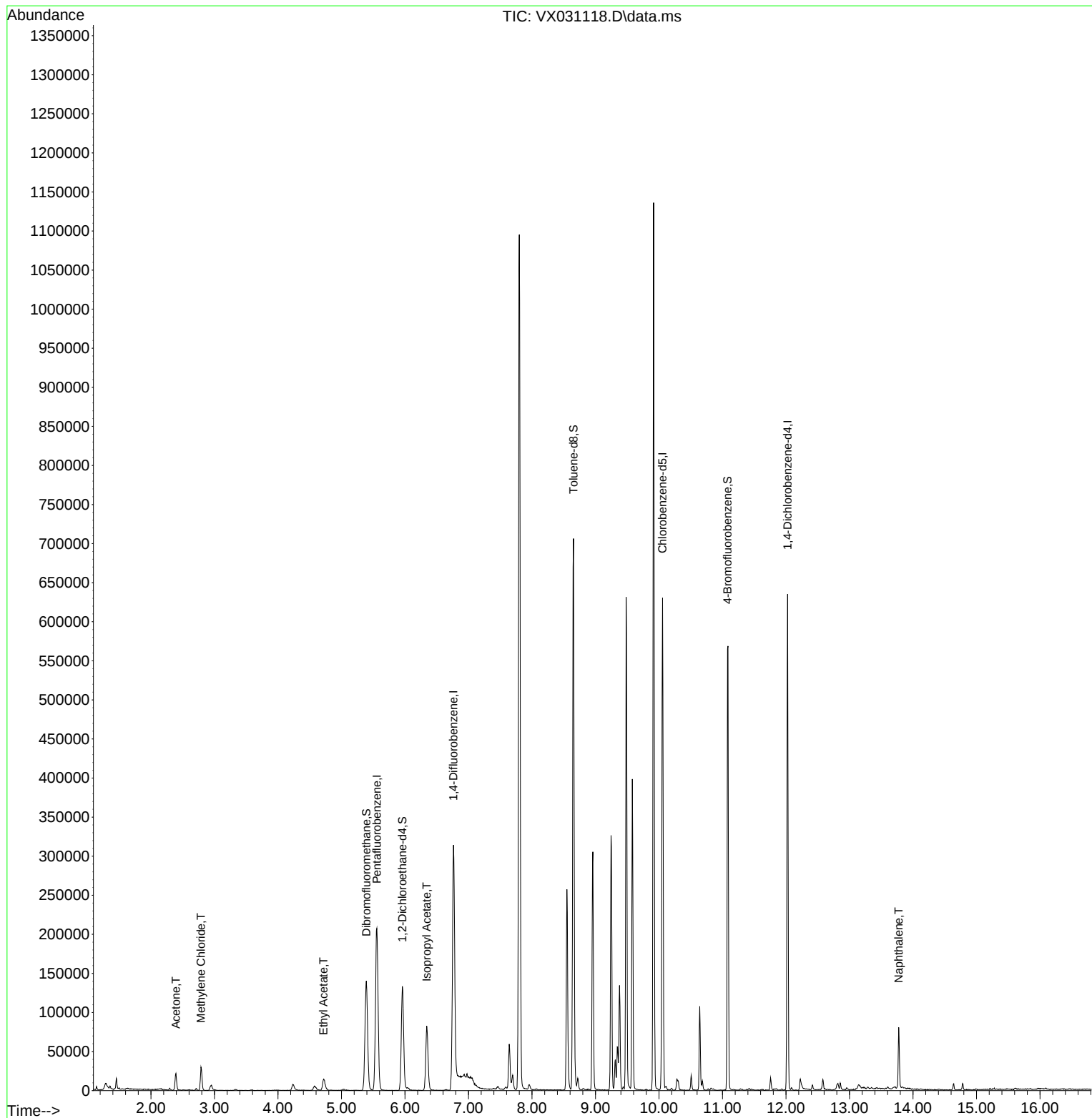
| Compound                    | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|----------|--------|----------|
| -----                       |                |      |            |          |        |          |
| Internal Standards          |                |      |            |          |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 213500     | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 333346     | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 310007     | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 142265     | 50.000   | ug/l   | 0.00     |
|                             |                |      |            |          |        |          |
| System Monitoring Compounds |                |      |            |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 132381     | 48.190   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 74 - 125 |      | Recovery = | 96.380%  |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 126287     | 51.913   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 103.820% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 442984     | 49.479   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 86 - 113 |      | Recovery = | 98.960%  |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 160428     | 50.733   | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 101.460% |        |          |
|                             |                |      |            |          |        |          |
| Target Compounds            |                |      |            |          |        |          |
| 16) Acetone                 | 2.392          | 43   | 23970      | 22.602   | ug/l   | 93       |
| 20) Methylene Chloride      | 2.788          | 84   | 14737      | 3.681    | ug/l # | 82       |
| 37) Ethyl Acetate           | 4.715          | 43   | 23788      | 8.035    | ug/l # | 90       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 104794     | 22.648   | ug/l # | 92       |
| 95) Naphthalene             | 13.774         | 128  | 49574      | 3.844    | ug/l   | 99       |
| -----                       |                |      |            |          |        |          |

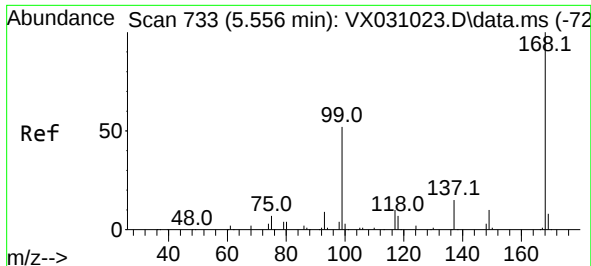
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X090122W.M  
Quant Title : SW846 8260  
QLast Update : Fri Sep 02 02:49:21 2022  
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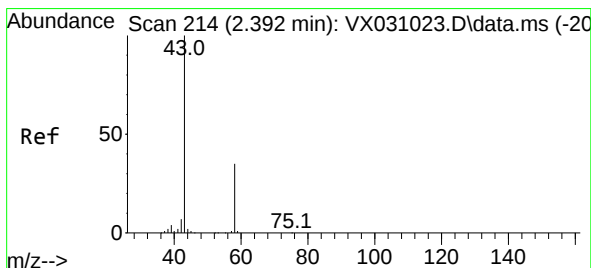
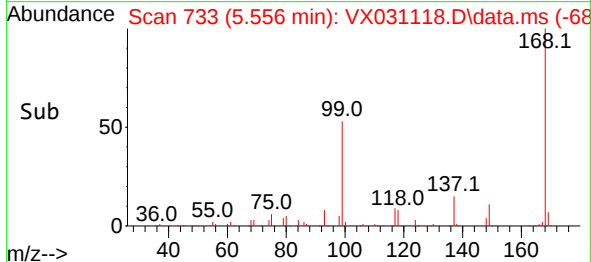
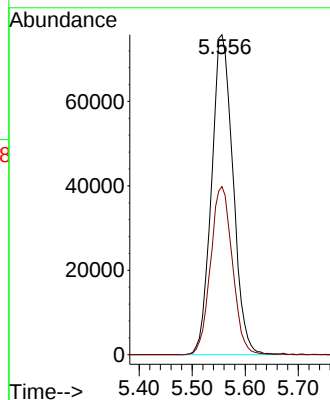
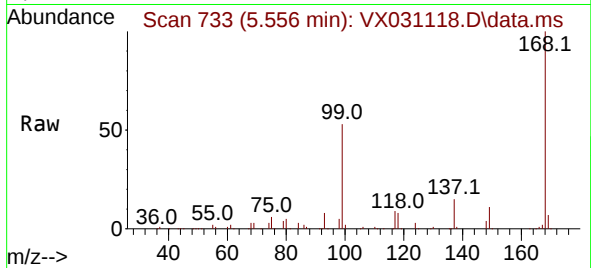




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

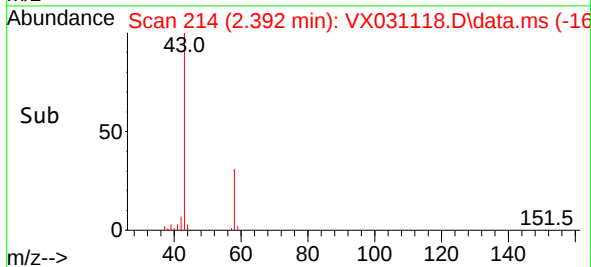
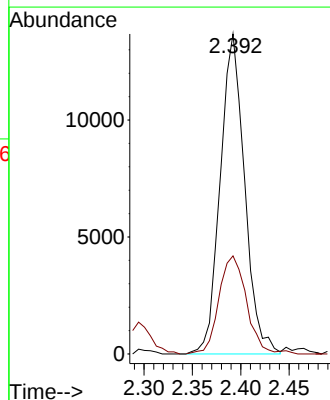
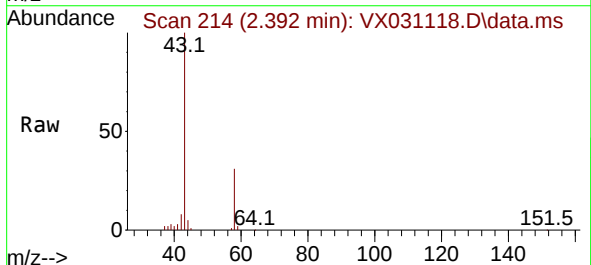
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-11

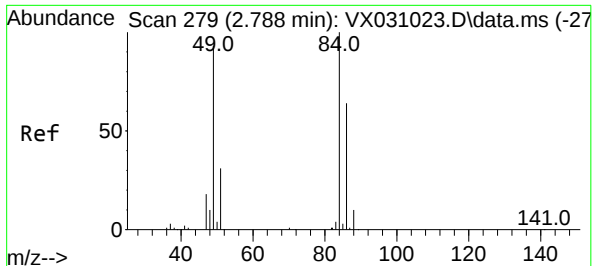
Tgt Ion:168 Resp: 213500  
Ion Ratio Lower Upper  
168 100  
99 52.6 44.0 66.0



#16  
Acetone  
Concen: 22.602 ug/l  
RT: 2.392 min Scan# 214  
Delta R.T. 0.006 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

Tgt Ion: 43 Resp: 23970  
Ion Ratio Lower Upper  
43 100  
58 30.6 27.7 41.5

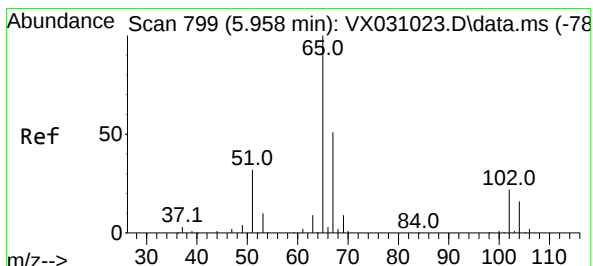
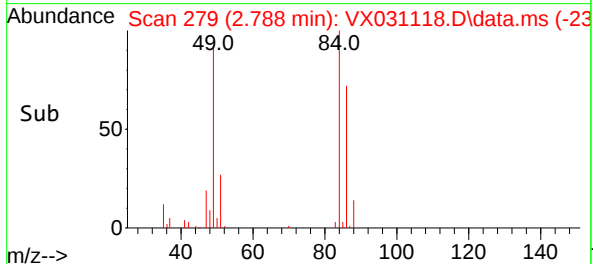
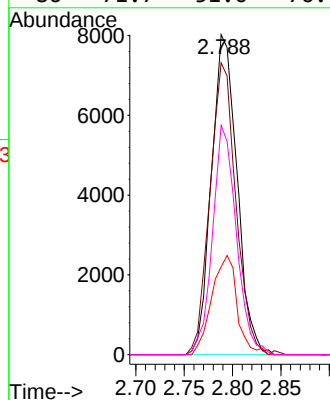
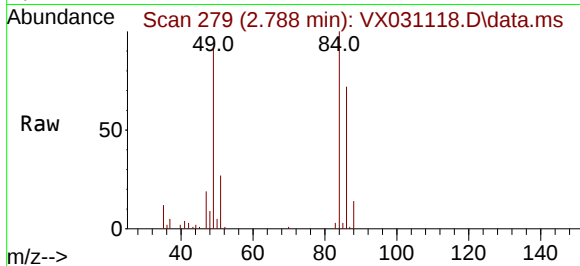




#20  
Methylene Chloride  
Concen: 3.681 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

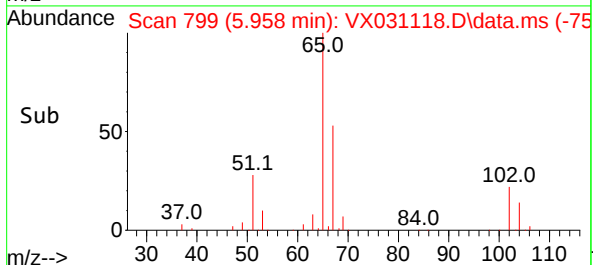
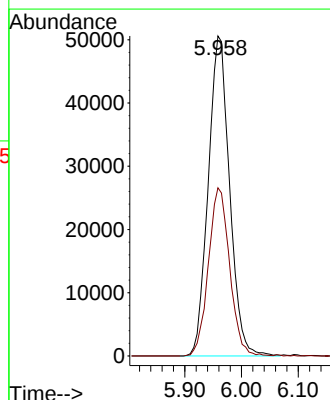
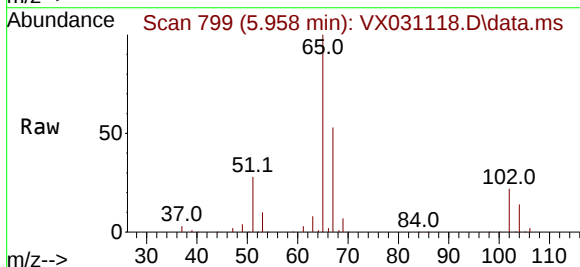
Instrument :  
MSVOA\_X  
ClientSampleId :  
SB-11

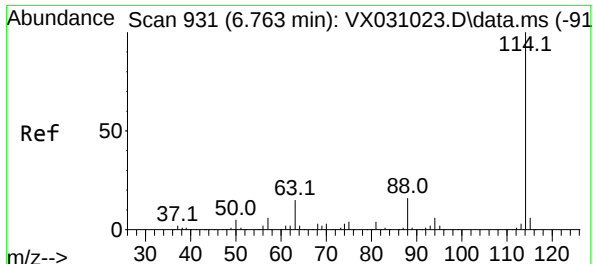
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 14737 |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 91.2     | 93.8 140.6# |
| 51 27.5     | 29.4 44.0#  |
| 86 71.7     | 51.0 76.4   |



#33  
1,2-Dichloroethane-d4  
Concen: 48.190 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

|             |              |
|-------------|--------------|
| Tgt Ion: 65 | Resp: 132381 |
| Ion Ratio   | Lower Upper  |
| 65 100      |              |
| 67 52.3     | 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: VX031118.D

Acq: 04 Sep 2022 05:55

Instrument :

MSVOA\_X

ClientSampleId :

SB-11

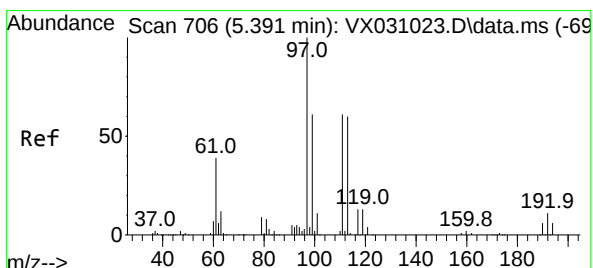
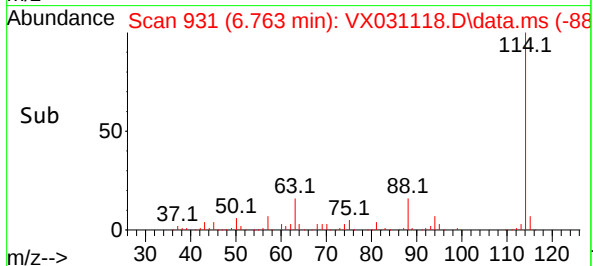
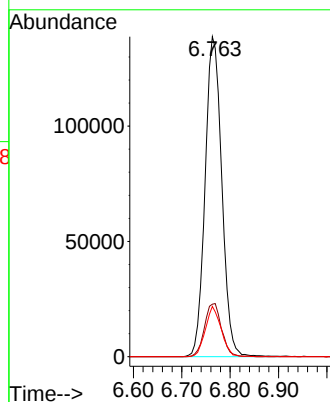
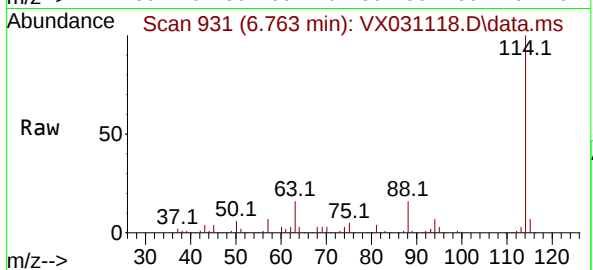
Tgt Ion:114 Resp: 333346

Ion Ratio Lower Upper

114 100

63 16.4 0.0 38.4

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.913 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031118.D

Acq: 04 Sep 2022 05:55

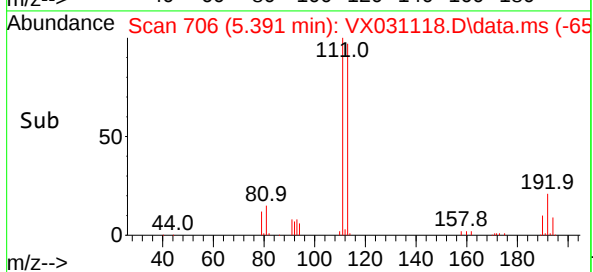
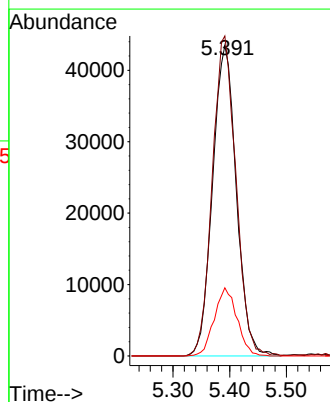
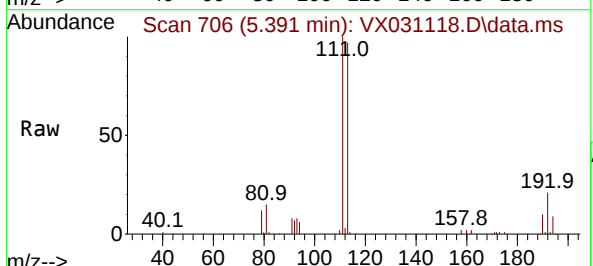
Tgt Ion:113 Resp: 126287

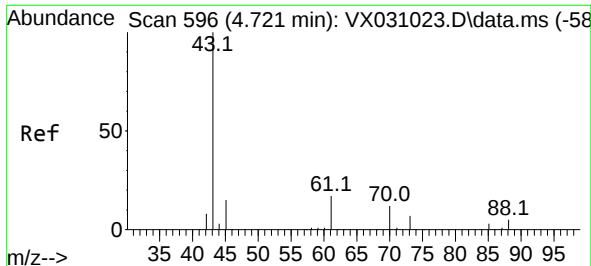
Ion Ratio Lower Upper

113 100

111 102.7 83.2 124.8

192 21.1 14.8 22.2





#37

Ethyl Acetate

Concen: 8.035 ug/l

RT: 4.715 min Scan# 595

Delta R.T. -0.006 min

Lab File: VX031118.D

Acq: 04 Sep 2022 05:55

Instrument :

MSVOA\_X

ClientSampleId :

SB-11

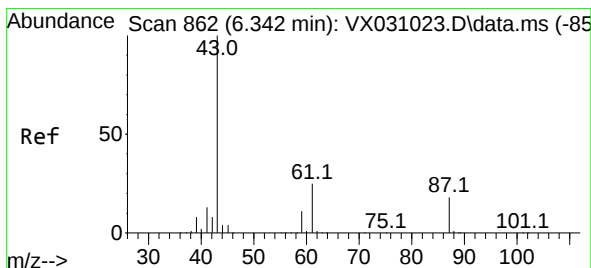
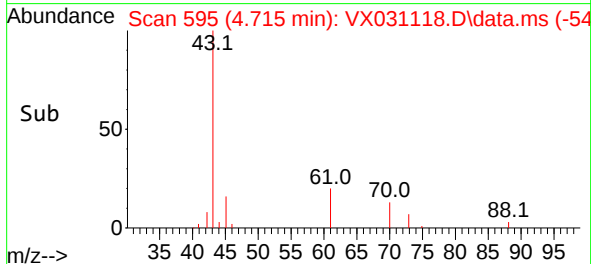
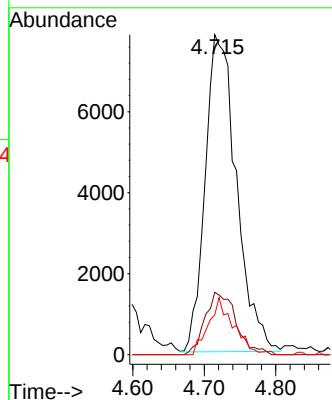
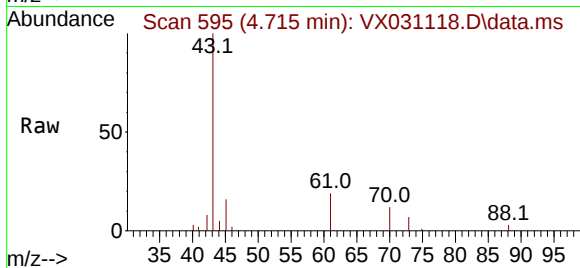
Tgt Ion: 43 Resp: 23788

Ion Ratio Lower Upper

43 100

61 19.4 11.7 17.5#

70 14.5 9.3 13.9#



#43

Isopropyl Acetate

Concen: 22.648 ug/l

RT: 6.342 min Scan# 862

Delta R.T. -0.006 min

Lab File: VX031118.D

Acq: 04 Sep 2022 05:55

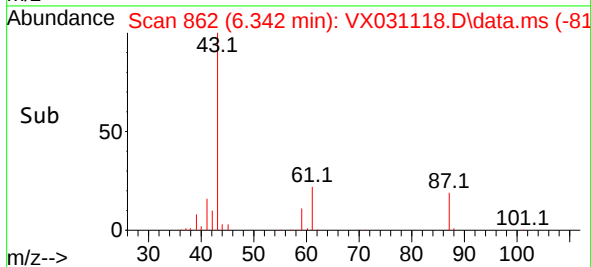
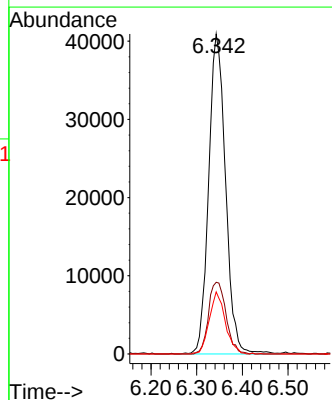
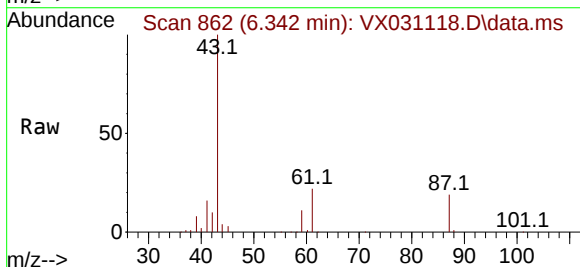
Tgt Ion: 43 Resp: 104794

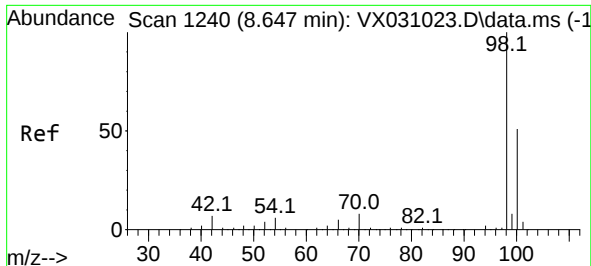
Ion Ratio Lower Upper

43 100

61 23.3 16.5 24.7

87 18.4 11.1 16.7#

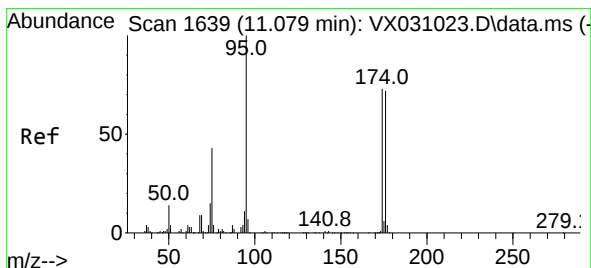
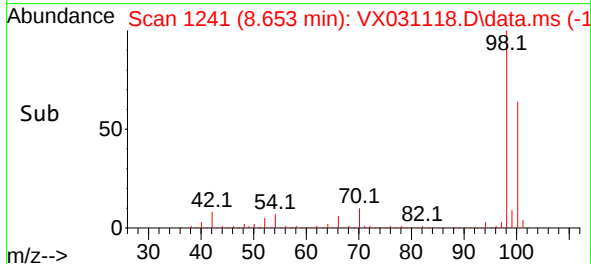
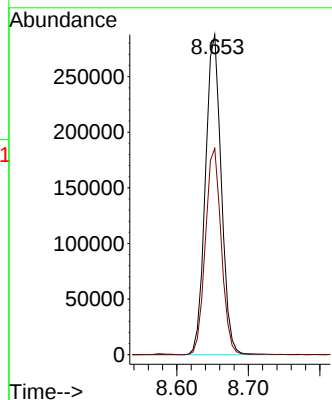
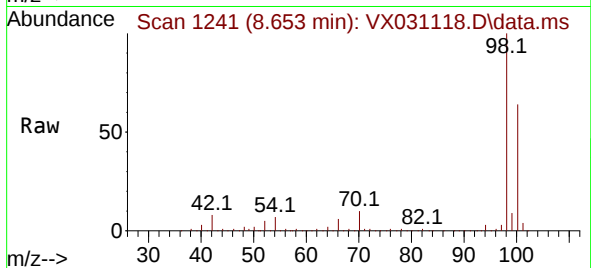




#50  
Toluene-d8  
Concen: 49.479 ug/l  
RT: 8.653 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

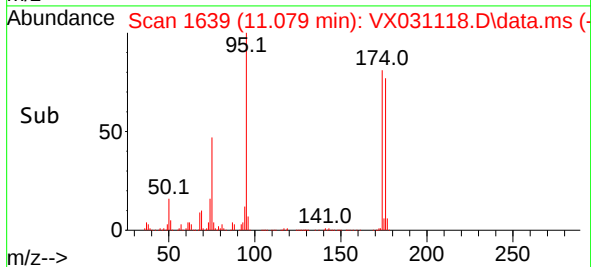
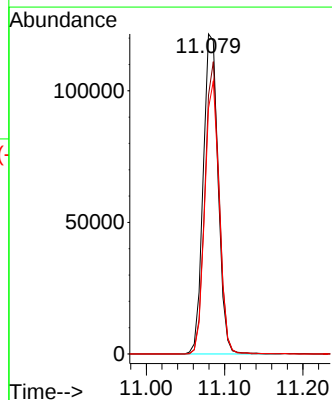
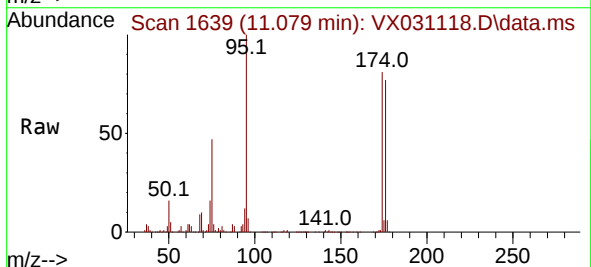
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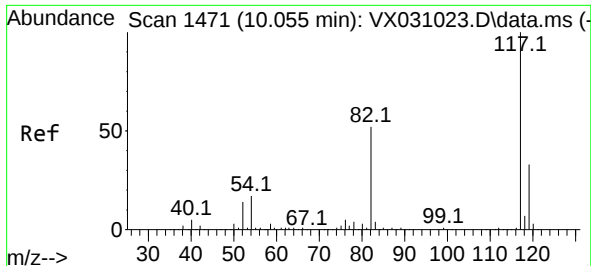
Tgt Ion: 98 Resp: 442984  
Ion Ratio Lower Upper  
98 100  
100 64.7 52.3 78.5



#62  
4-Bromofluorobenzene  
Concen: 50.733 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. -0.006 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

Tgt Ion: 95 Resp: 160428  
Ion Ratio Lower Upper  
95 100  
174 87.2 0.0 149.0  
176 82.8 0.0 146.0

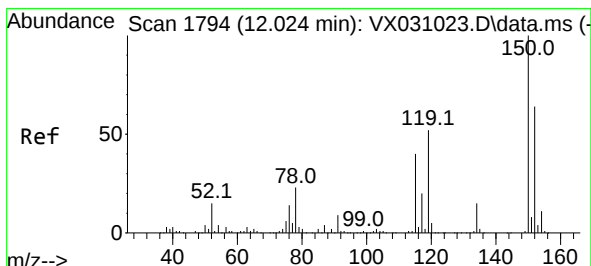
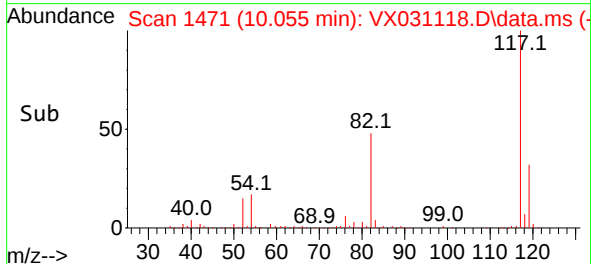
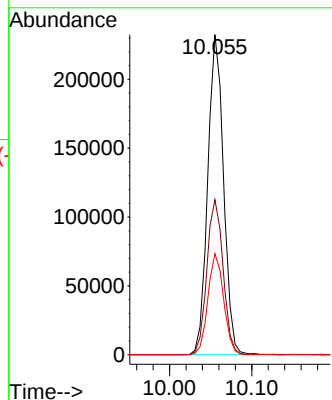
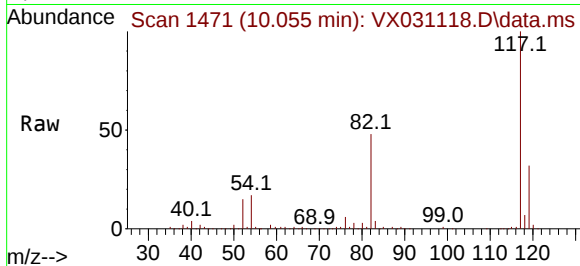




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

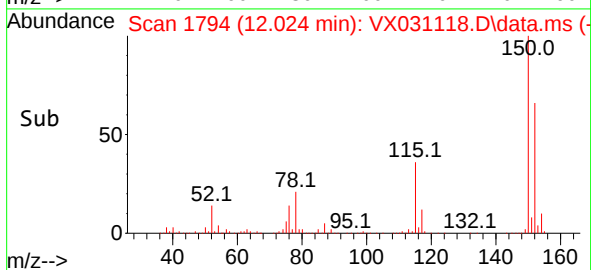
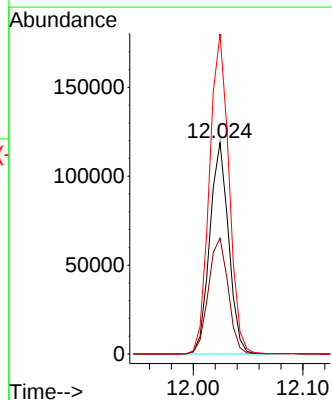
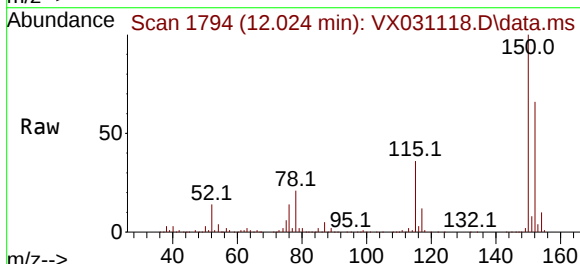
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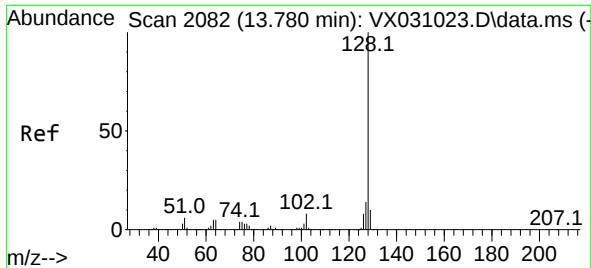
Tgt Ion:117 Resp: 310007  
Ion Ratio Lower Upper  
117 100  
82 48.5 42.7 64.1  
119 31.6 25.4 38.2



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

Tgt Ion:152 Resp: 142265  
Ion Ratio Lower Upper  
152 100  
115 57.5 40.5 121.5  
150 156.5 0.0 347.0





#95  
Naphthalene  
Concen: 3.844 ug/l  
RT: 13.774 min Scan# 20  
Delta R.T. 0.000 min  
Lab File: VX031118.D  
Acq: 04 Sep 2022 05:55

Instrument :  
MSVOA\_X  
ClientSampleId :  
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| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.7  | 10.2  | 15.2  |
| 129     | 11.6  | 8.6   | 13.0  |

