

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070523\  
 Data File : VX036418.D  
 Acq On : 05 Jul 2023 20:51  
 Operator : JC/MD  
 Sample : 03507-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 CP-2

Quant Time: Jul 06 04:58:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 23 15:03:28 2023  
 Response via : Initial Calibration

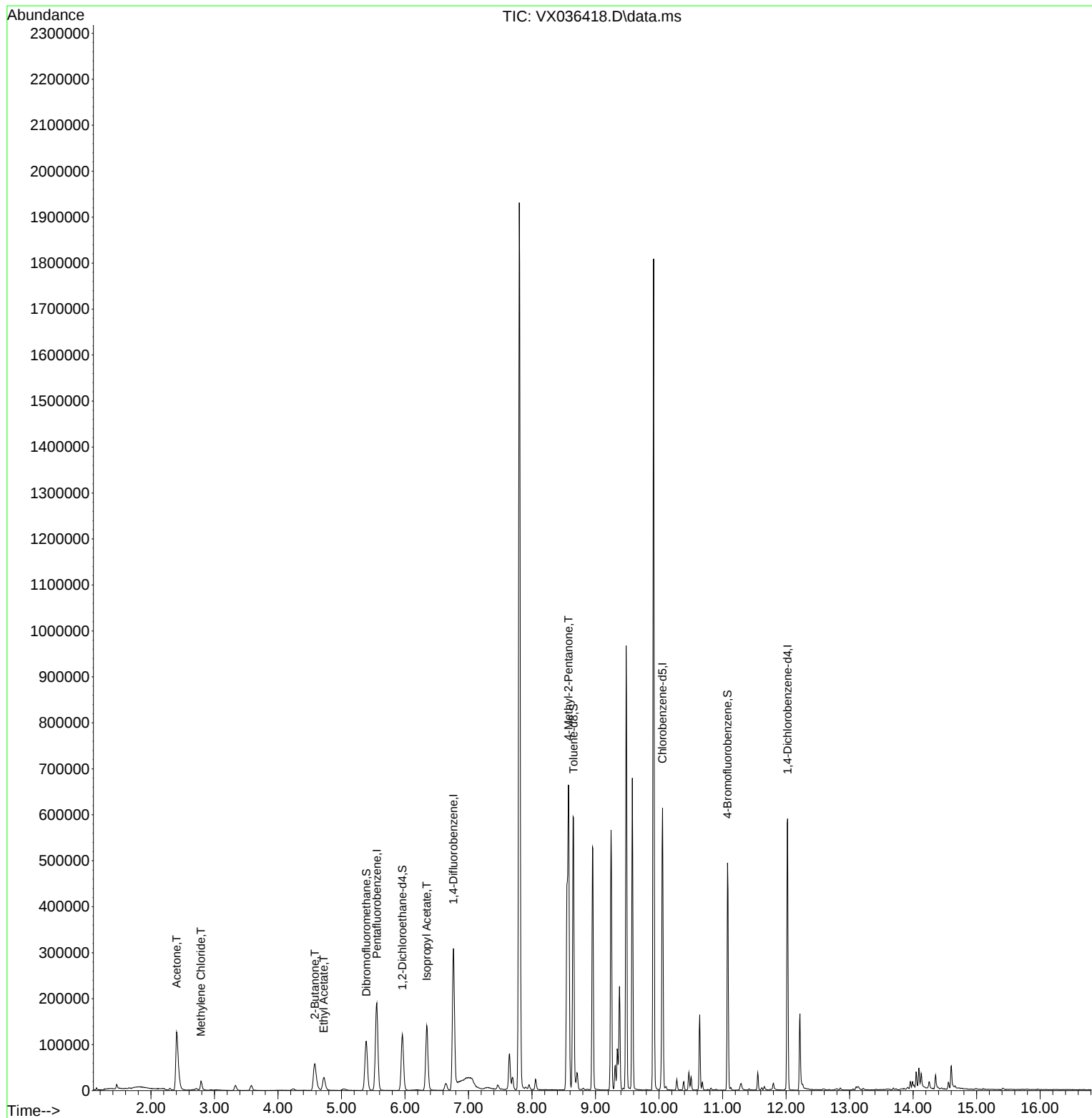
| Compound                    | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-----------------------------|----------------|------|------------|---------|--------|----------|
| -----                       |                |      |            |         |        |          |
| Internal Standards          |                |      |            |         |        |          |
| 1) Pentafluorobenzene       | 5.556          | 168  | 180633     | 50.000  | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763          | 114  | 302109     | 50.000  | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055         | 117  | 269093     | 50.000  | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024         | 152  | 126716     | 50.000  | ug/l   | 0.00     |
| System Monitoring Compounds |                |      |            |         |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.958          | 65   | 113630     | 43.885  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 78 - 117 |      | Recovery = | 87.780% |        |          |
| 35) Dibromofluoromethane    | 5.391          | 113  | 93005      | 46.689  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 75 - 124 |      | Recovery = | 93.380% |        |          |
| 50) Toluene-d8              | 8.653          | 98   | 361331     | 48.565  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 92 - 112 |      | Recovery = | 97.120% |        |          |
| 62) 4-Bromofluorobenzene    | 11.079         | 95   | 128979     | 49.216  | ug/l   | 0.00     |
| Spiked Amount 50.000        | Range 83 - 123 |      | Recovery = | 98.440% |        |          |
| Target Compounds            |                |      |            |         |        |          |
|                             |                |      |            |         | Qvalue |          |
| 16) Acetone                 | 2.404          | 43   | 232409     | 209.998 | ug/l   | 96       |
| 20) Methylene Chloride      | 2.788          | 84   | 9152       | 3.841   | ug/l   | 93       |
| 25) 2-Butanone              | 4.580          | 43   | 121827     | 76.614  | ug/l   | 96       |
| 37) Ethyl Acetate           | 4.720          | 43   | 54413      | 17.979  | ug/l   | 99       |
| 43) Isopropyl Acetate       | 6.342          | 43   | 192781     | 39.930  | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone    | 8.573          | 43   | 521979     | 167.813 | ug/l # | 87       |
| -----                       |                |      |            |         |        |          |

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

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Quant Time: Jul 06 04:58:24 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X062323W.M  
Quant Title : SW846 8260  
QLast Update : Fri Jun 23 15:03:28 2023  
Response via : Initial Calibration

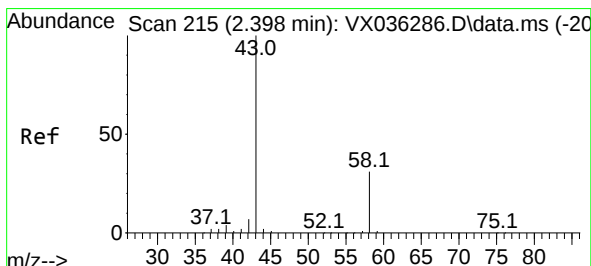
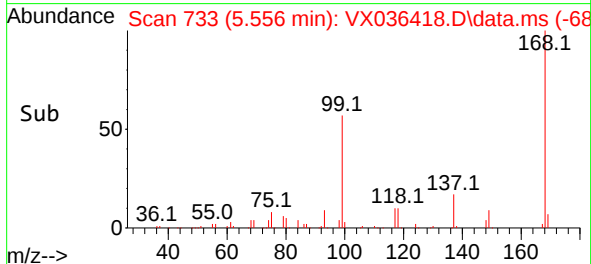
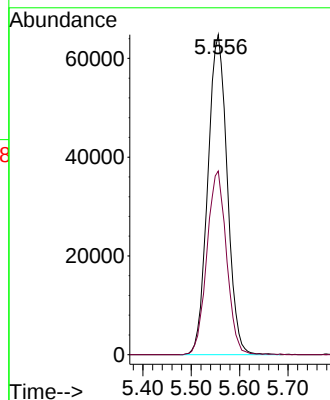
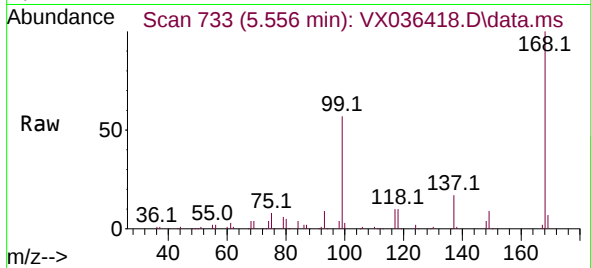




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. 0.007 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

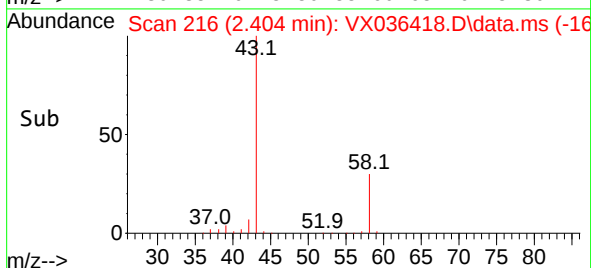
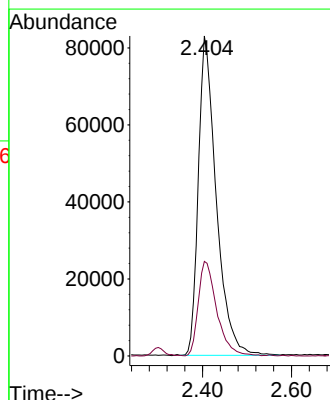
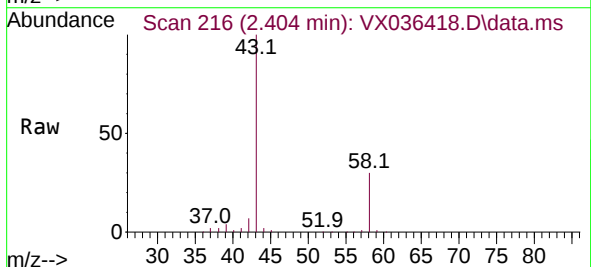
Instrument :  
MSVOA\_X  
ClientSampleId :  
CP-2

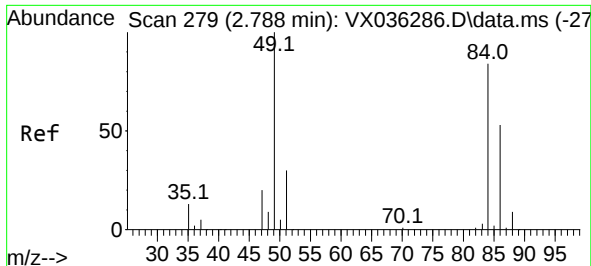
Tgt Ion:168 Resp: 180633  
Ion Ratio Lower Upper  
168 100  
99 57.4 56.6 85.0



#16  
Acetone  
Concen: 209.998 ug/l  
RT: 2.404 min Scan# 216  
Delta R.T. -0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

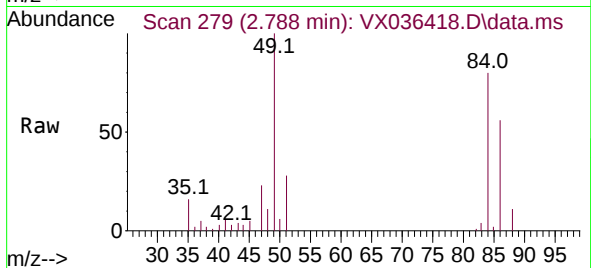
Tgt Ion: 43 Resp: 232409  
Ion Ratio Lower Upper  
43 100  
58 29.5 21.9 32.9



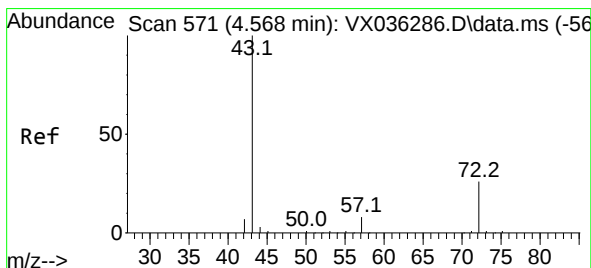
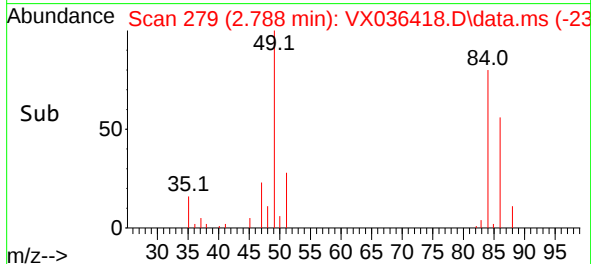
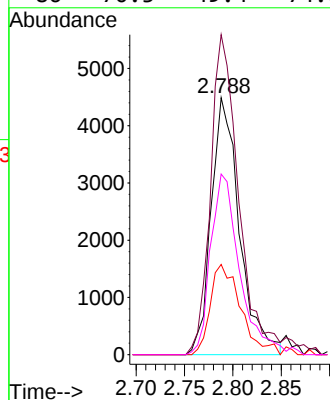


#20  
Methylene Chloride  
Concen: 3.841 ug/l  
RT: 2.788 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
CP-2

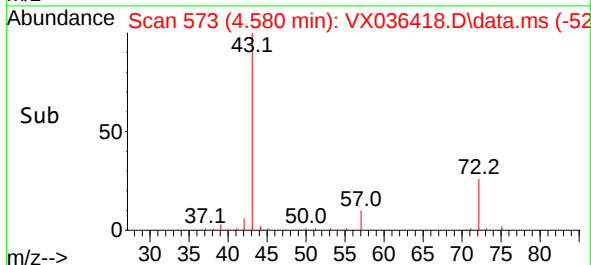
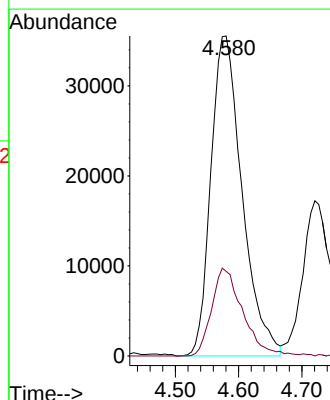
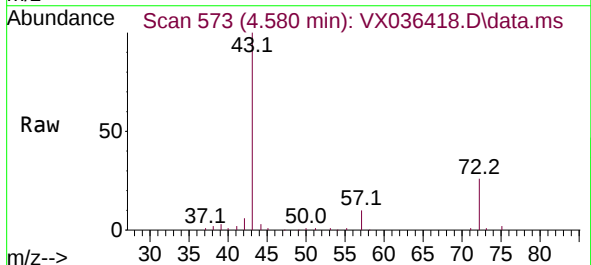


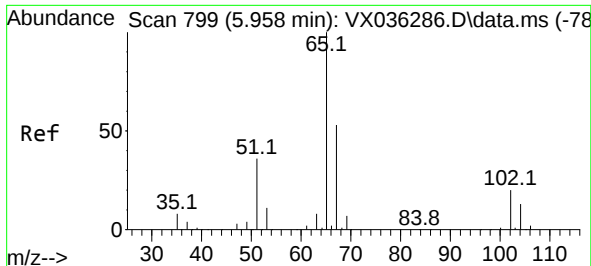
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 9152  |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 124.5    | 103.6 155.4 |
| 51 35.1     | 33.8 50.6   |
| 86 70.3     | 49.4 74.0   |



#25  
2-Butanone  
Concen: 76.614 ug/l  
RT: 4.580 min Scan# 573  
Delta R.T. 0.012 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

|             |              |
|-------------|--------------|
| Tgt Ion: 43 | Resp: 121827 |
| Ion Ratio   | Lower Upper  |
| 43 100      |              |
| 72 26.4     | 19.4 29.2    |

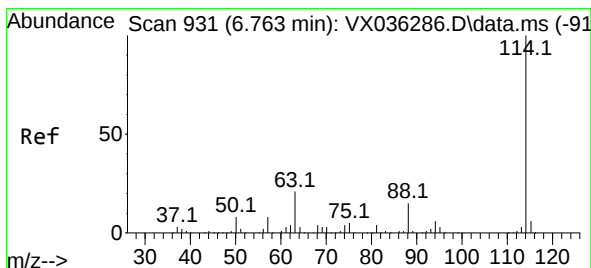
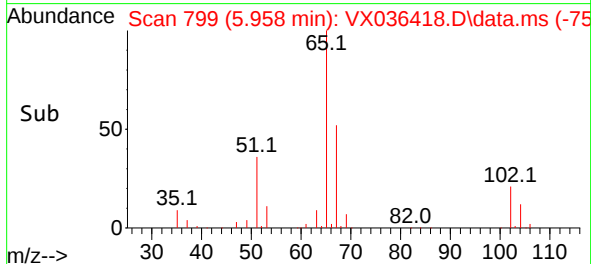
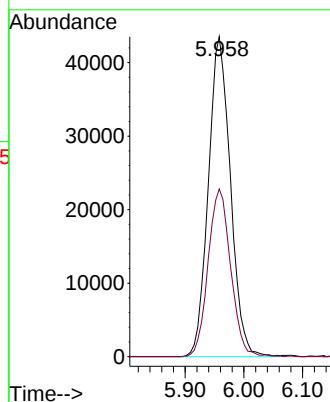
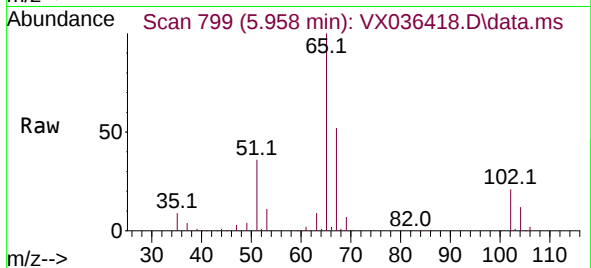




#33  
1,2-Dichloroethane-d4  
Concen: 43.885 ug/l  
RT: 5.958 min Scan# 799  
Delta R.T. 0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

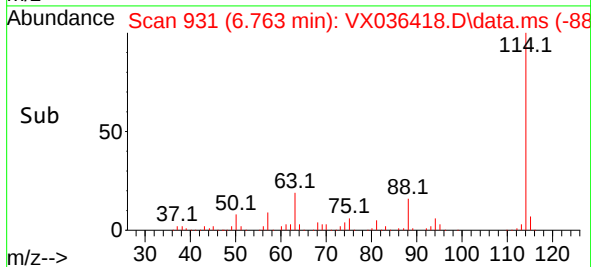
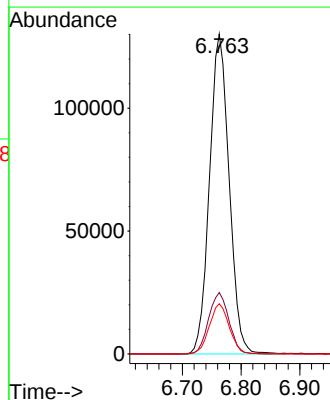
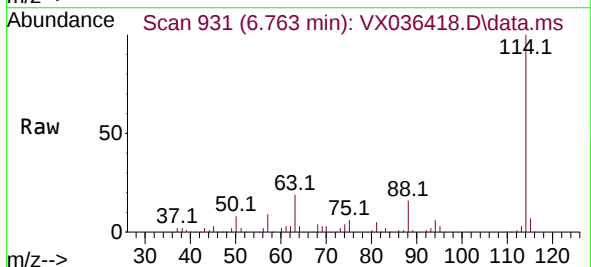
Instrument :  
MSVOA\_X  
ClientSampleId :  
CP-2

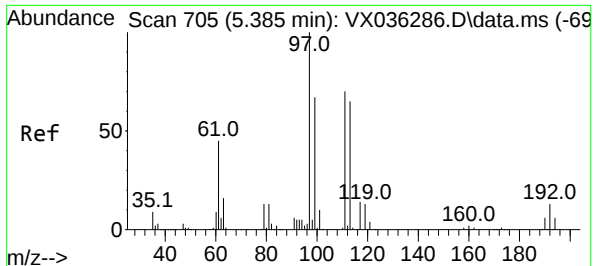
Tgt Ion: 65 Resp: 113630  
Ion Ratio Lower Upper  
65 100  
67 53.5 0.0 100.2



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 931  
Delta R.T. -0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

Tgt Ion:114 Resp: 302109  
Ion Ratio Lower Upper  
114 100  
63 19.2 0.0 45.0  
88 15.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.689 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX036418.D

Acq: 05 Jul 2023 20:51

Instrument :

MSVOA\_X

ClientSampleId :

CP-2

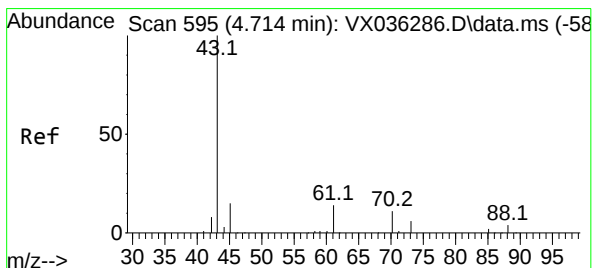
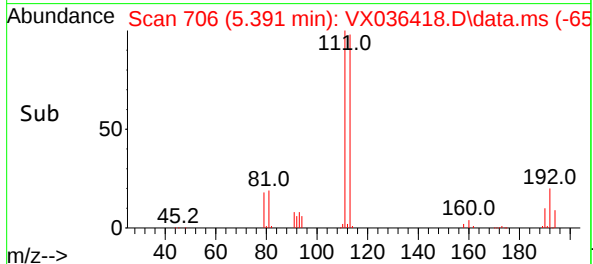
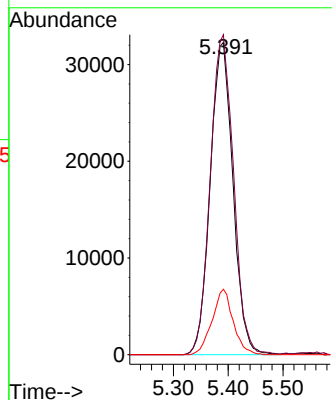
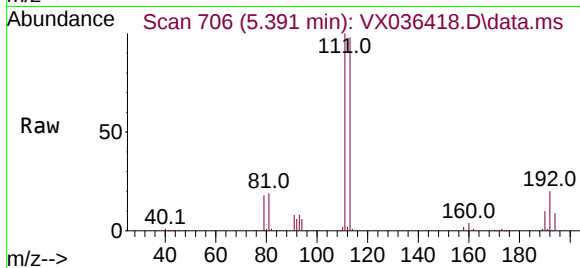
Tgt Ion:113 Resp: 93005

Ion Ratio Lower Upper

113 100

111 104.6 82.9 124.3

192 19.4 13.3 19.9



#37

Ethyl Acetate

Concen: 17.979 ug/l

RT: 4.720 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX036418.D

Acq: 05 Jul 2023 20:51

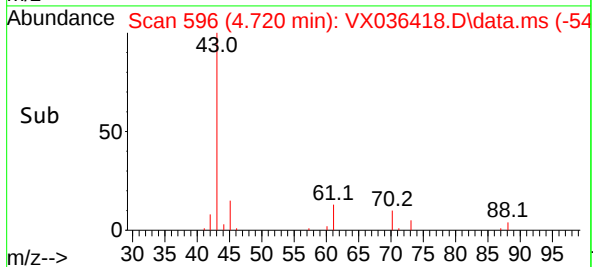
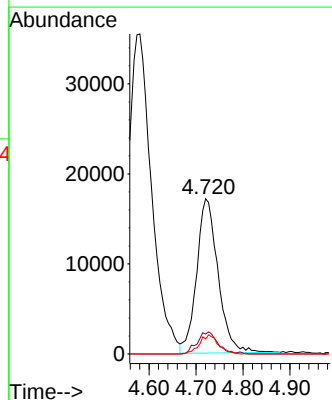
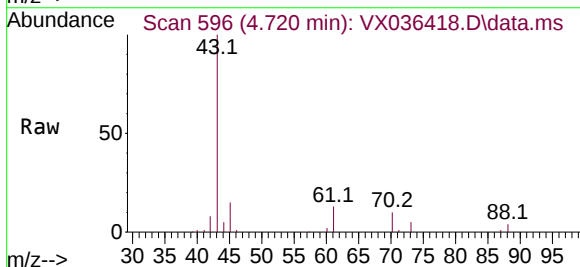
Tgt Ion: 43 Resp: 54413

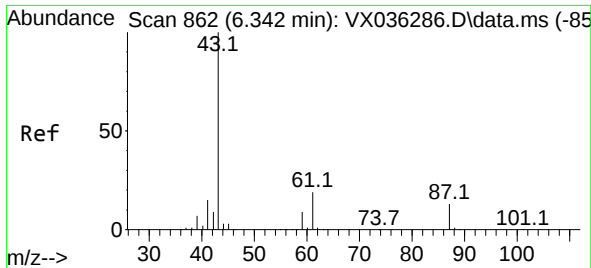
Ion Ratio Lower Upper

43 100

61 13.6 10.6 16.0

70 10.9 8.3 12.5

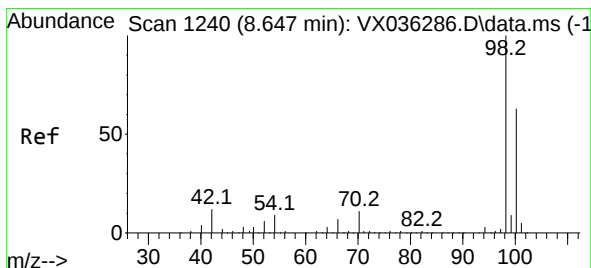
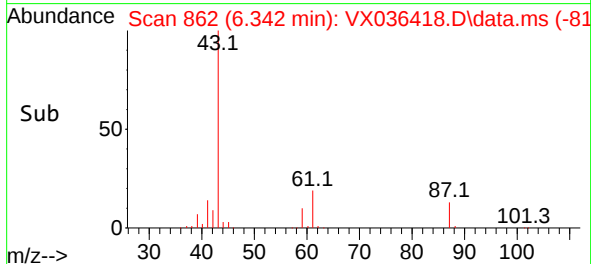
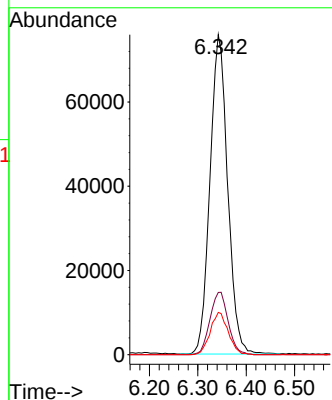
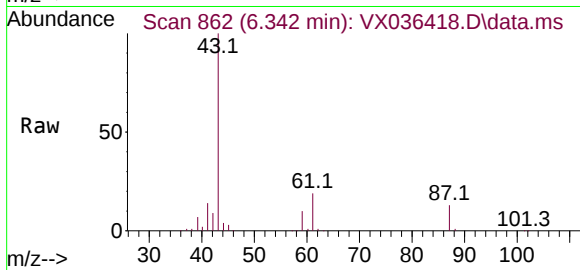




#43  
Isopropyl Acetate  
Concen: 39.930 ug/l  
RT: 6.342 min Scan# 862  
Delta R.T. 0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

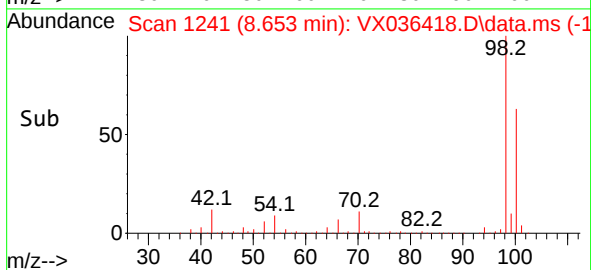
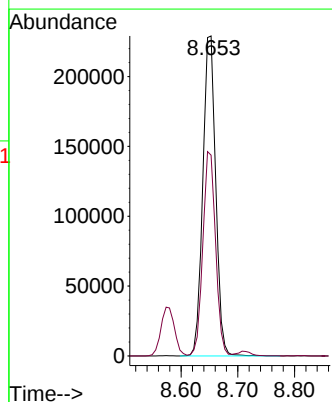
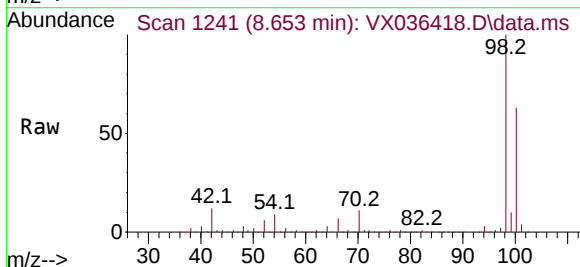
Instrument :  
MSVOA\_X  
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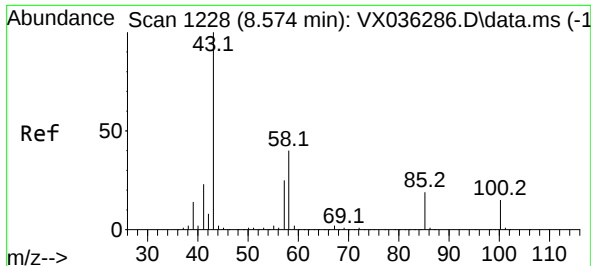
Tgt Ion: 43 Resp: 192781  
Ion Ratio Lower Upper  
43 100  
61 20.1 15.2 22.8  
87 13.4 9.8 14.6



#50  
Toluene-d8  
Concen: 48.565 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.007 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

Tgt Ion: 98 Resp: 361331  
Ion Ratio Lower Upper  
98 100  
100 63.2 53.1 79.7

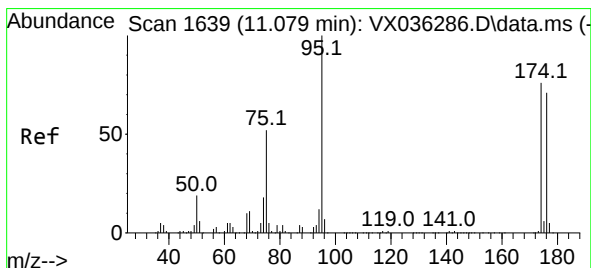
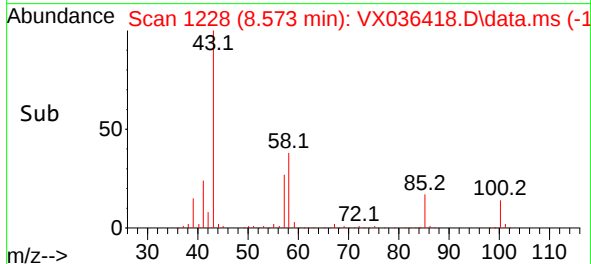
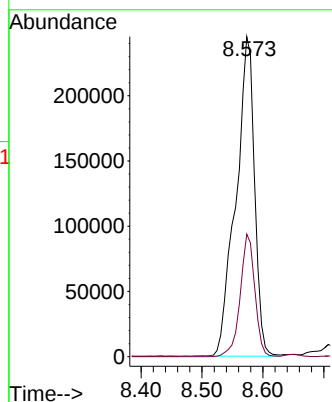
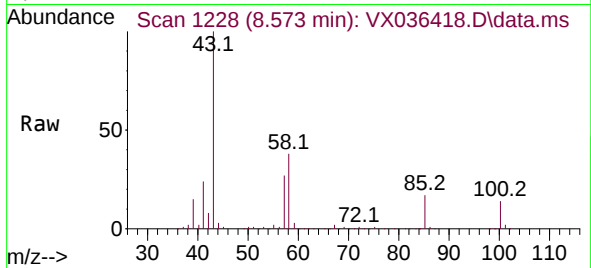




#51  
4-Methyl-2-Pentanone  
Concen: 167.813 ug/l  
RT: 8.573 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

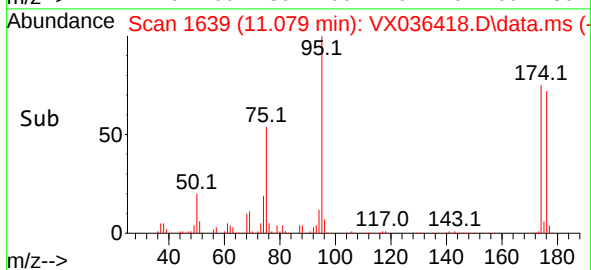
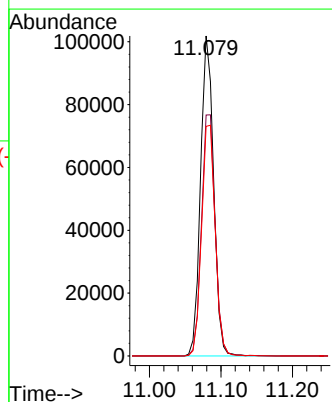
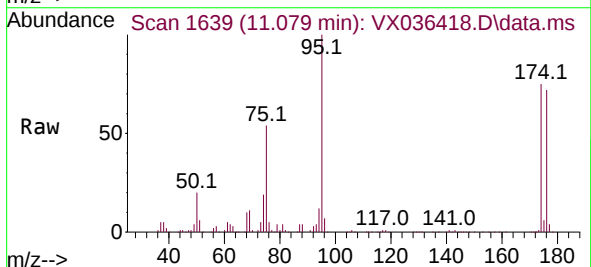
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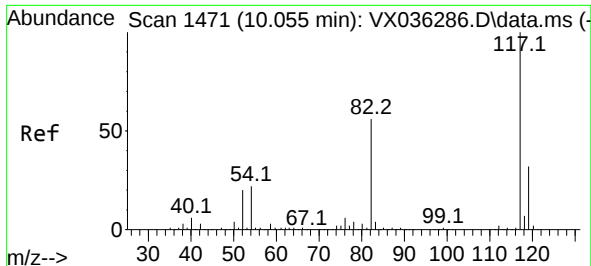
Tgt Ion: 43 Resp: 521979  
Ion Ratio Lower Upper  
43 100  
58 30.2 30.4 45.6#



#62  
4-Bromofluorobenzene  
Concen: 49.216 ug/l  
RT: 11.079 min Scan# 1639  
Delta R.T. 0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

Tgt Ion: 95 Resp: 128979  
Ion Ratio Lower Upper  
95 100  
174 78.7 0.0 135.6  
176 75.6 0.0 131.0

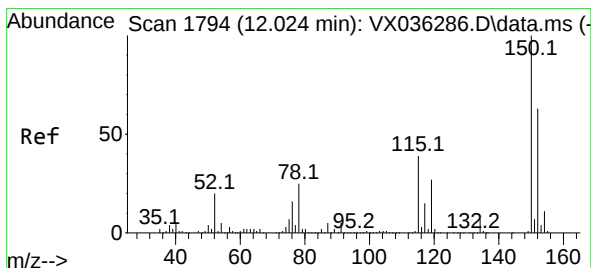
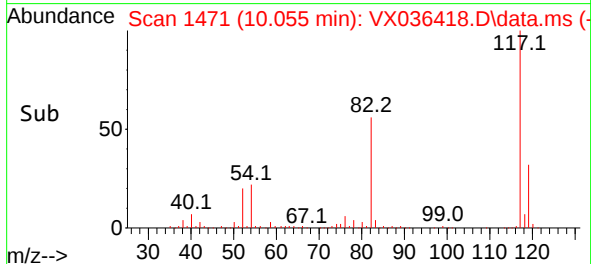
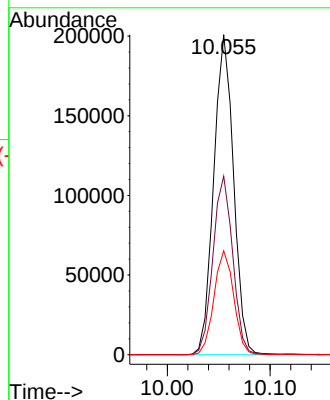
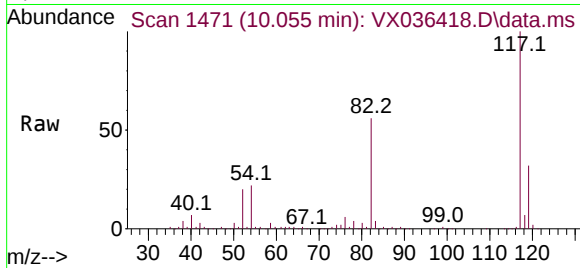




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. -0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion:117 Resp: 269093  
Ion Ratio Lower Upper  
117 100  
82 55.8 46.2 69.4  
119 32.5 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX036418.D  
Acq: 05 Jul 2023 20:51

Tgt Ion:152 Resp: 126716  
Ion Ratio Lower Upper  
152 100  
115 58.8 43.3 129.9  
150 154.1 0.0 345.0

