

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX090622\  
 Data File : VX031135.D  
 Acq On : 06 Sep 2022 17:59  
 Operator : JC/MD  
 Sample : N4438-03  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 KTS2-WC-S-MH-02-0-20

Quant Time: Sep 06 18:25:43 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

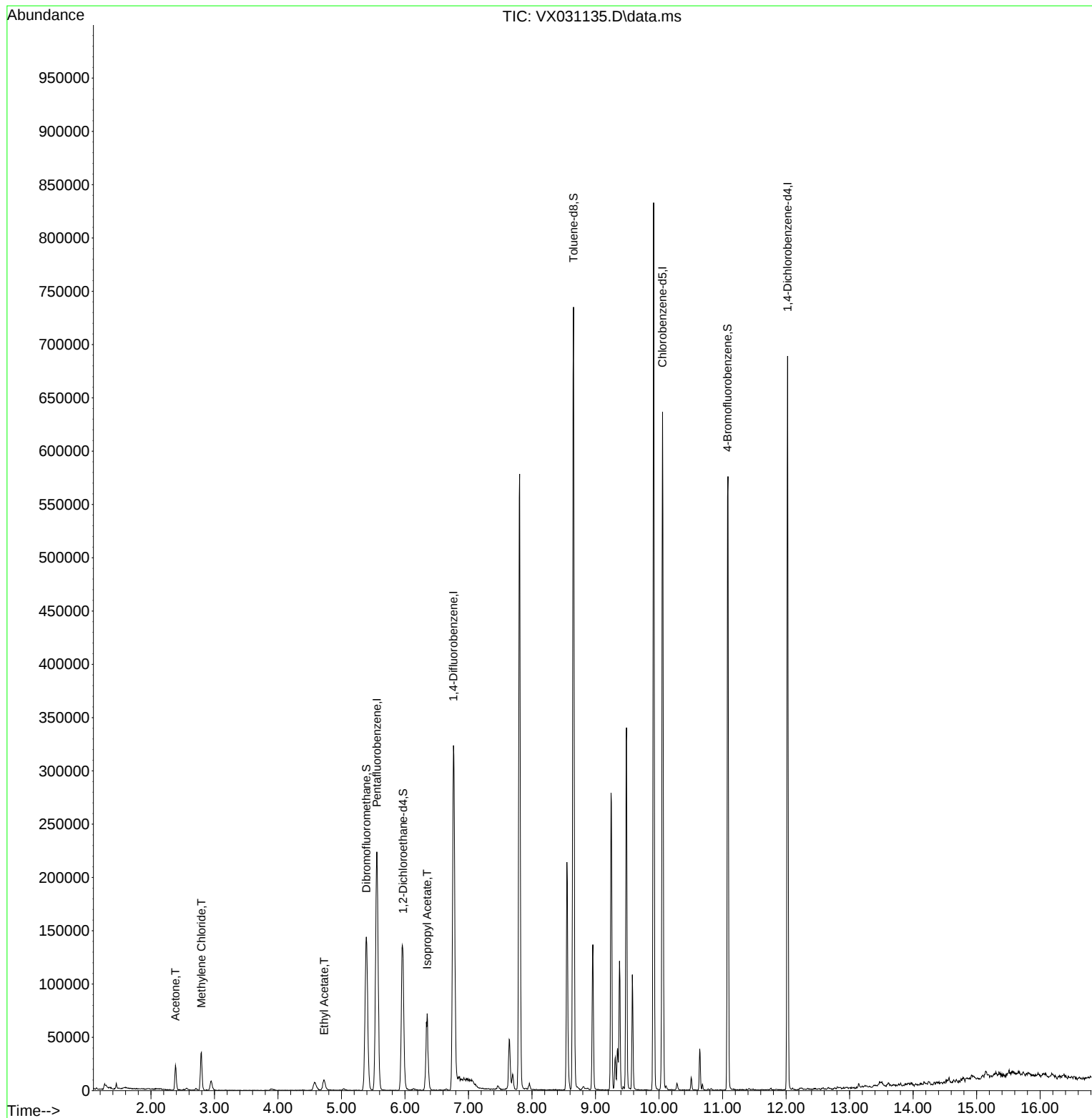
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Pentafluorobenzene       | 5.556  | 168   | 228512   | 50.000   | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene     | 6.763  | 114   | 360500   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5        | 10.055 | 117   | 315168   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4  | 12.024 | 152   | 151257   | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4   | 5.970  | 65    | 142113   | 48.334   | ug/l   | 0.01     |
| Spiked Amount               | 50.000 | Range | 74 - 125 | Recovery | =      | 96.660%  |
| 35) Dibromofluoromethane    | 5.391  | 113   | 129955   | 49.397   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 75 - 124 | Recovery | =      | 98.800%  |
| 50) Toluene-d8              | 8.653  | 98    | 462431   | 47.760   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 86 - 113 | Recovery | =      | 95.520%  |
| 62) 4-Bromofluorobenzene    | 11.079 | 95    | 162009   | 47.374   | ug/l   | 0.00     |
| Spiked Amount               | 50.000 | Range | 83 - 123 | Recovery | =      | 94.740%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 16) Acetone                 | 2.386  | 43    | 24125    | 21.254   | ug/l   | 97       |
| 20) Methylene Chloride      | 2.794  | 84    | 18009    | 4.528    | ug/l # | 77       |
| 37) Ethyl Acetate           | 4.727  | 43    | 16072m   | 5.020    | ug/l   |          |
| 43) Isopropyl Acetate       | 6.348  | 43    | 89027    | 17.791   | ug/l # | 95       |
| -----                       |        |       |          |          |        |          |

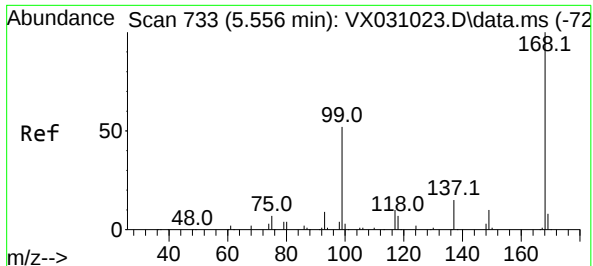
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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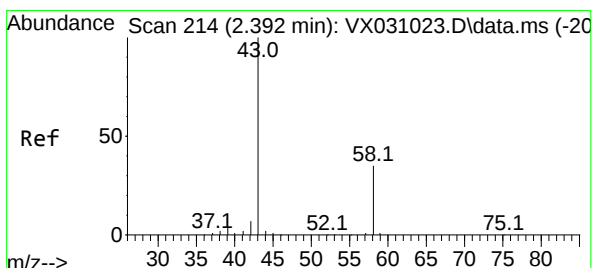
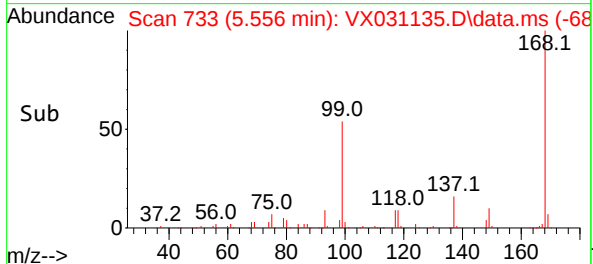
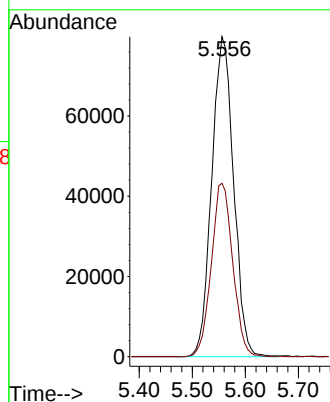
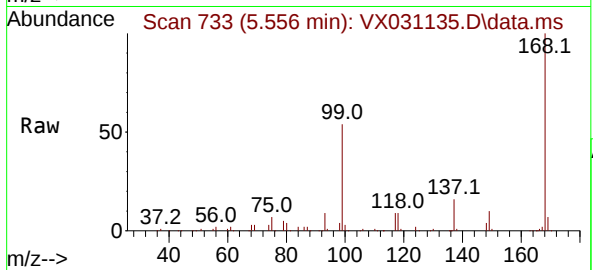




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.556 min Scan# 71  
Delta R.T. -0.000 min  
Lab File: VX031135.D  
Acq: 06 Sep 2022 17:59

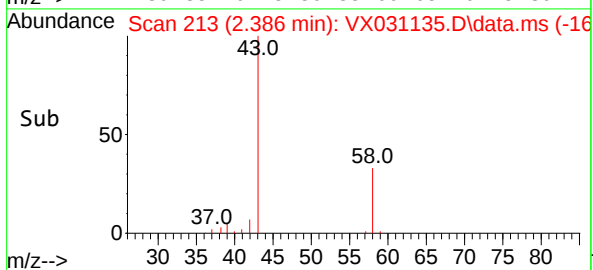
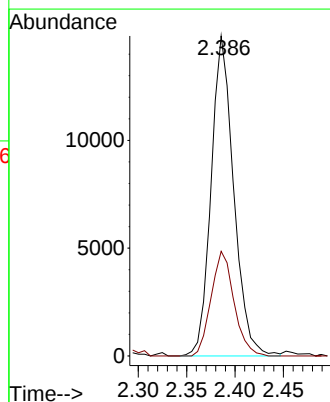
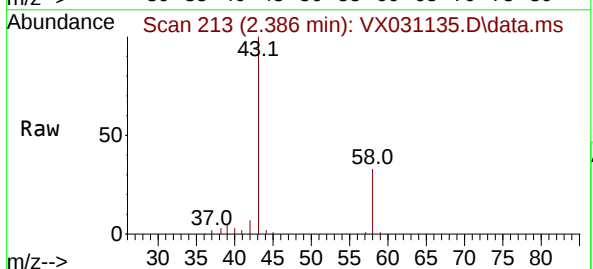
Instrument :  
MSVOA\_X  
ClientSampleId :  
KTS2-WC-S-MH-02-0-20

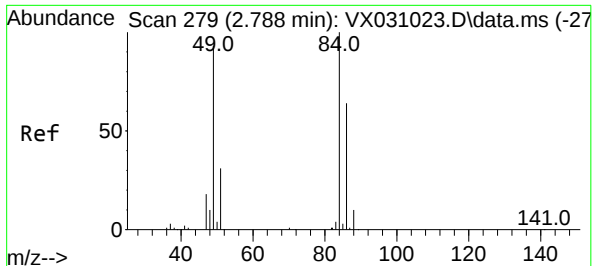
Tgt Ion:168 Resp: 228512  
Ion Ratio Lower Upper  
168 100  
99 54.2 44.0 66.0



#16  
Acetone  
Concen: 21.254 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.000 min  
Lab File: VX031135.D  
Acq: 06 Sep 2022 17:59

Tgt Ion: 43 Resp: 24125  
Ion Ratio Lower Upper  
43 100  
58 32.7 27.7 41.5

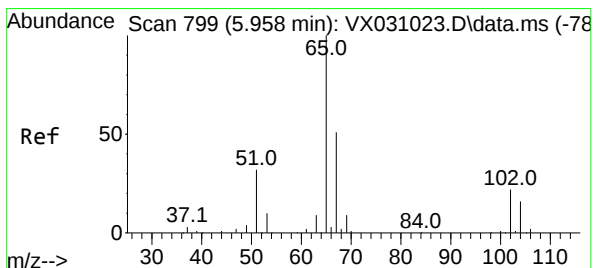
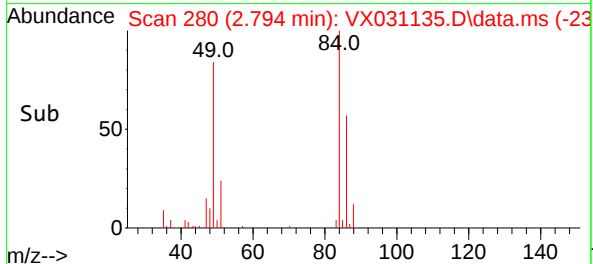
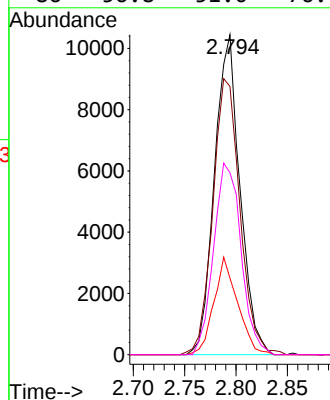
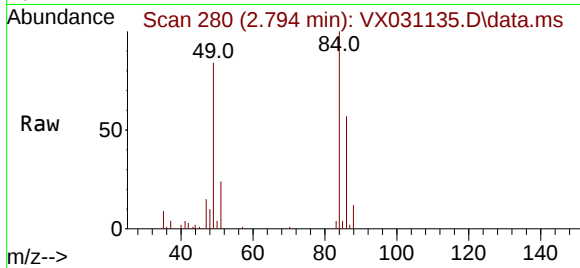




#20  
Methylene Chloride  
Concen: 4.528 ug/l  
RT: 2.794 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VX031135.D  
Acq: 06 Sep 2022 17:59

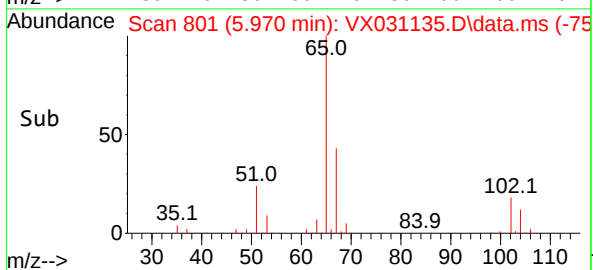
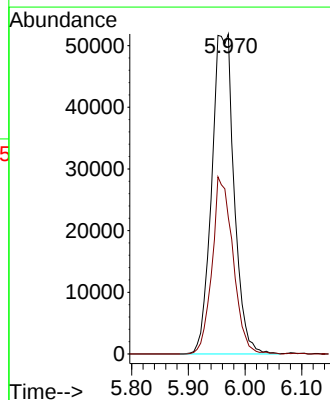
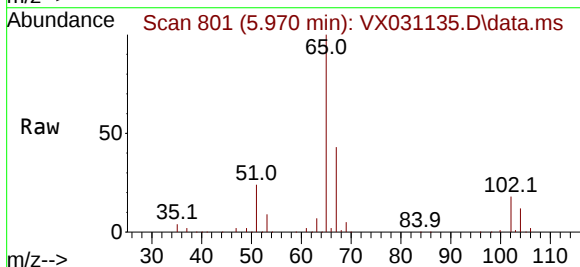
Instrument :  
MSVOA\_X  
ClientSampleId :  
KTS2-WC-S-MH-02-0-20

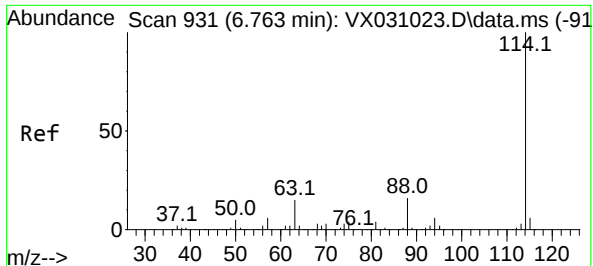
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 84    | Resp: | 18009  |
| Ion      | Ratio | Lower | Upper  |
| 84       | 100   |       |        |
| 49       | 83.8  | 93.8  | 140.6# |
| 51       | 23.9  | 29.4  | 44.0#  |
| 86       | 56.8  | 51.0  | 76.4   |



#33  
1,2-Dichloroethane-d4  
Concen: 48.334 ug/l  
RT: 5.970 min Scan# 801  
Delta R.T. 0.012 min  
Lab File: VX031135.D  
Acq: 06 Sep 2022 17:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 142113 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 51.7  | 0.0   | 109.6  |

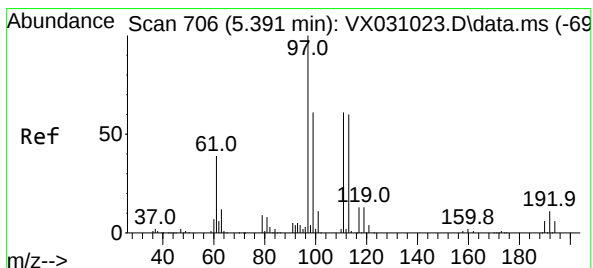
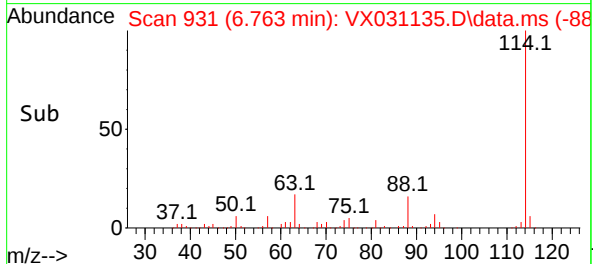
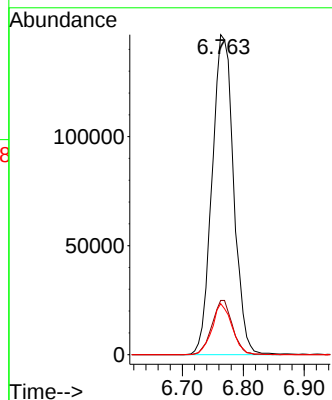
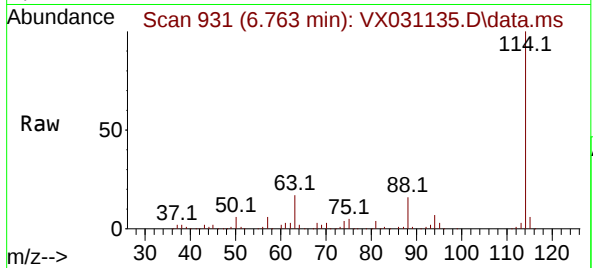




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.763 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: VX031135.D  
Acq: 06 Sep 2022 17:59

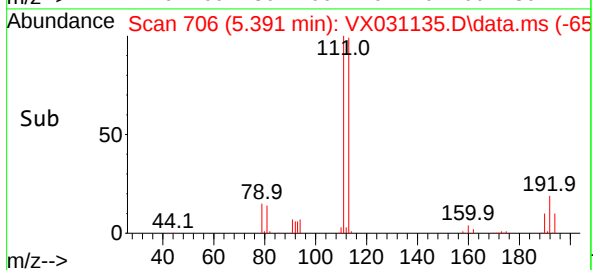
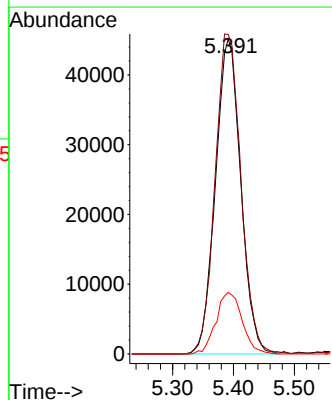
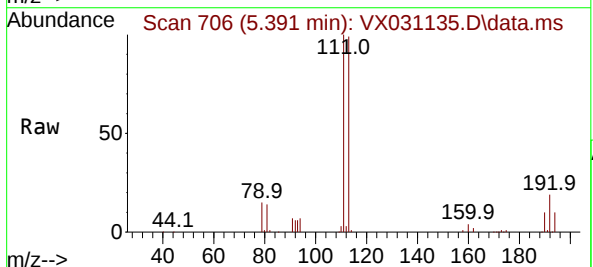
Instrument :  
MSVOA\_X  
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KTS2-WC-S-MH-02-0-20

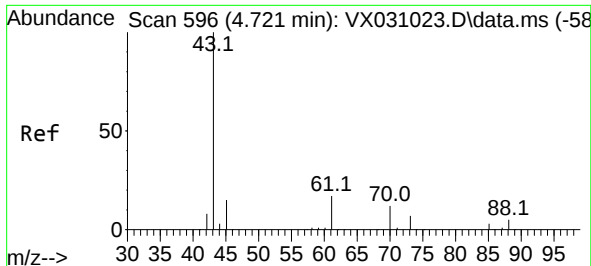
Tgt Ion:114 Resp: 360500  
Ion Ratio Lower Upper  
114 100  
63 17.0 0.0 38.4  
88 15.9 0.0 31.8



#35  
Dibromofluoromethane  
Concen: 49.397 ug/l  
RT: 5.391 min Scan# 706  
Delta R.T. 0.000 min  
Lab File: VX031135.D  
Acq: 06 Sep 2022 17:59

Tgt Ion:113 Resp: 129955  
Ion Ratio Lower Upper  
113 100  
111 103.8 83.2 124.8  
192 20.2 14.8 22.2





#37

Ethyl Acetate

Concen: 5.020 ug/l m

RT: 4.727 min Scan# 596

Delta R.T. 0.006 min

Lab File: VX031135.D

Acq: 06 Sep 2022 17:59

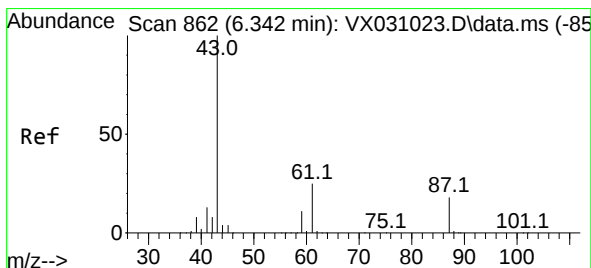
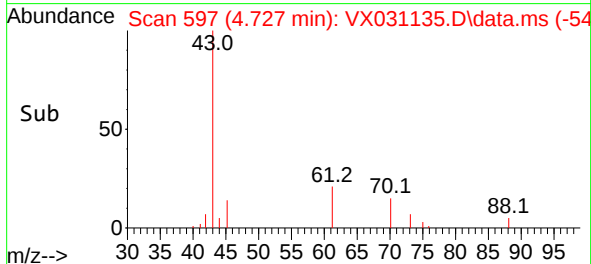
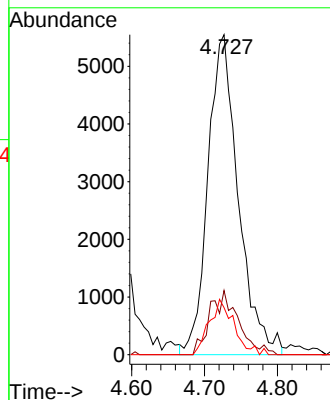
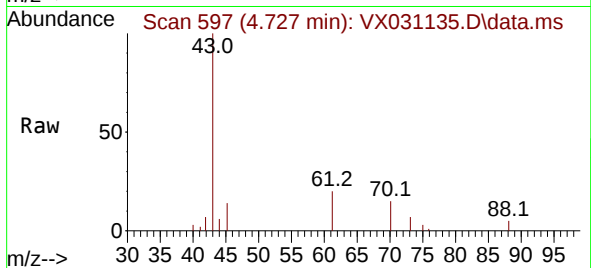
Instrument :

MSVOA\_X

ClientSampleId :

KTS2-WC-S-MH-02-0-20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 16072 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 0.0   | 11.7  | 17.5# |
| 70       | 0.0   | 9.3   | 13.9# |



#43

Isopropyl Acetate

Concen: 17.791 ug/l

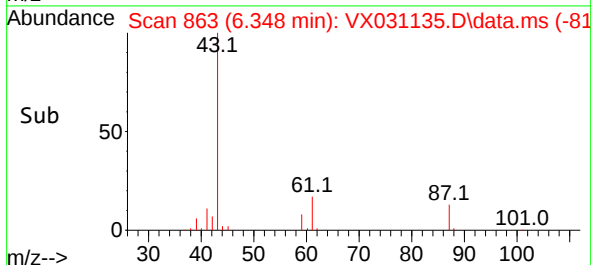
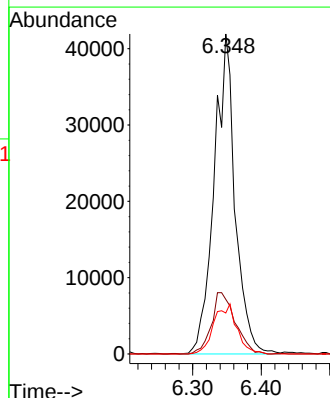
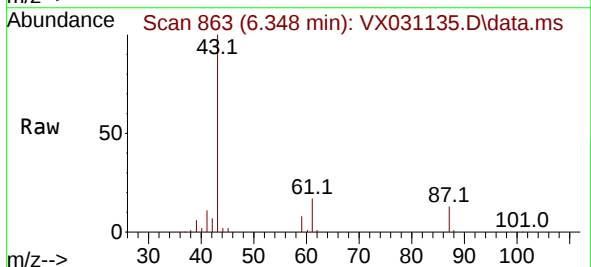
RT: 6.348 min Scan# 863

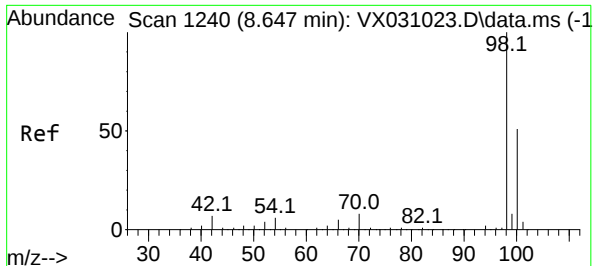
Delta R.T. 0.000 min

Lab File: VX031135.D

Acq: 06 Sep 2022 17:59

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 89027 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 21.8  | 16.5  | 24.7  |
| 87       | 17.1  | 11.1  | 16.7# |





#50

Toluene-d8

Concen: 47.760 ug/l

RT: 8.653 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031135.D

Acq: 06 Sep 2022 17:59

Instrument :

MSVOA\_X

ClientSampleId :

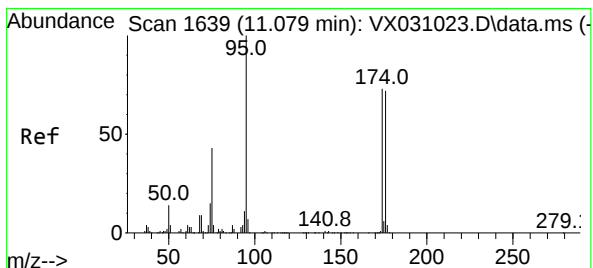
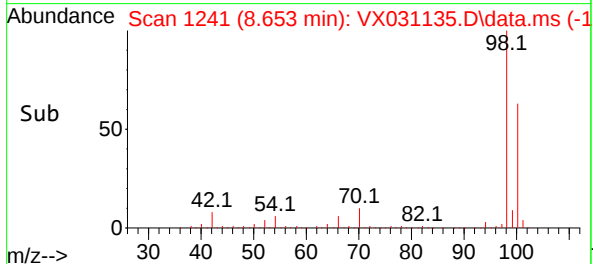
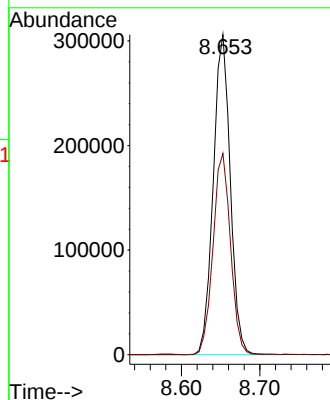
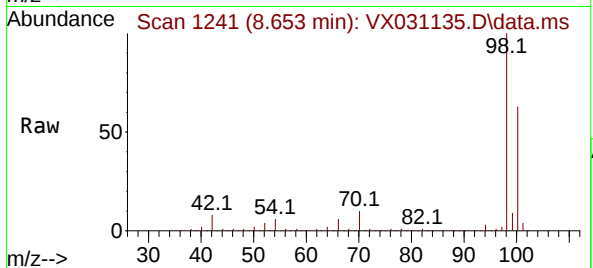
KTS2-WC-S-MH-02-0-20

Tgt Ion: 98 Resp: 462431

Ion Ratio Lower Upper

98 100

100 64.6 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 47.374 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX031135.D

Acq: 06 Sep 2022 17:59

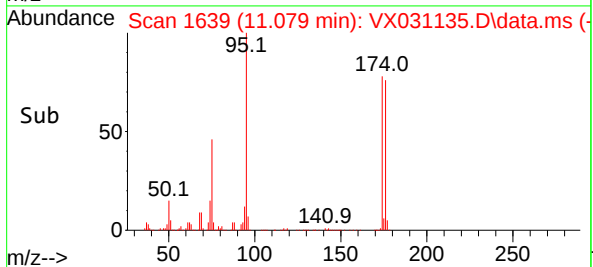
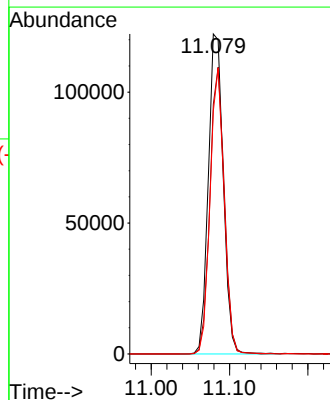
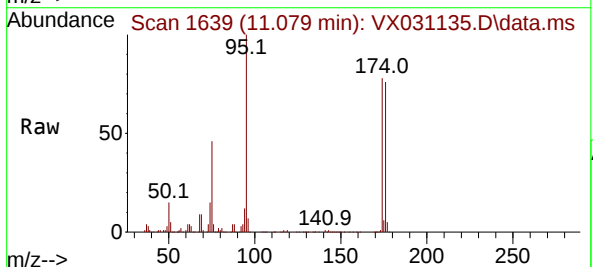
Tgt Ion: 95 Resp: 162009

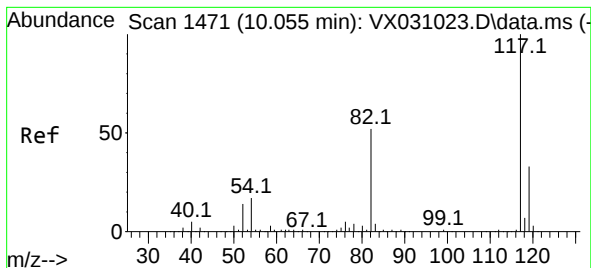
Ion Ratio Lower Upper

95 100

174 86.3 0.0 149.0

176 83.7 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: VX031135.D

Acq: 06 Sep 2022 17:59

Instrument :

MSVOA\_X

ClientSampleId :

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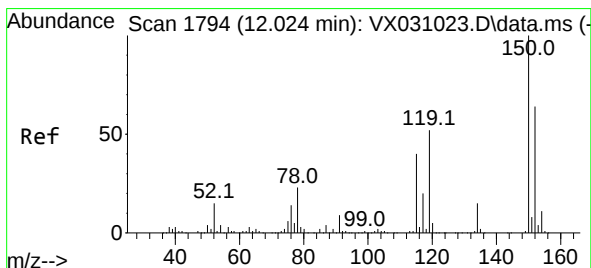
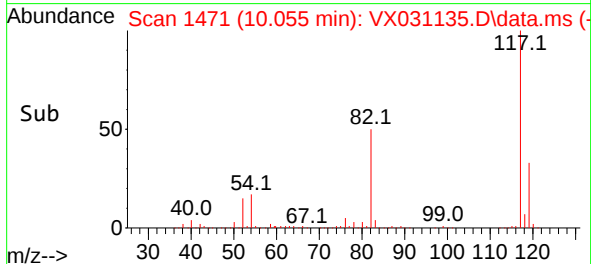
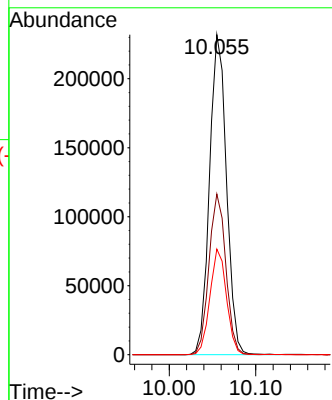
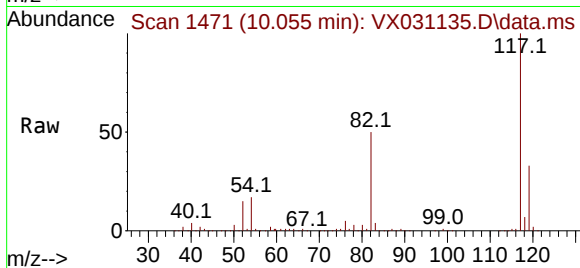
Tgt Ion:117 Resp: 315168

Ion Ratio Lower Upper

117 100

82 50.2 42.7 64.1

119 33.0 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: VX031135.D

Acq: 06 Sep 2022 17:59

Tgt Ion:152 Resp: 151257

Ion Ratio Lower Upper

152 100

115 56.5 40.5 121.5

150 162.4 0.0 347.0

