

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061121\  
 Data File : VX022665.D  
 Acq On : 11 Jun 2021 14:21  
 Operator : JC/MD  
 Sample : M2690-04  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 12 02:28:28 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 10 12:20:00 2021  
 Response via : Initial Calibration

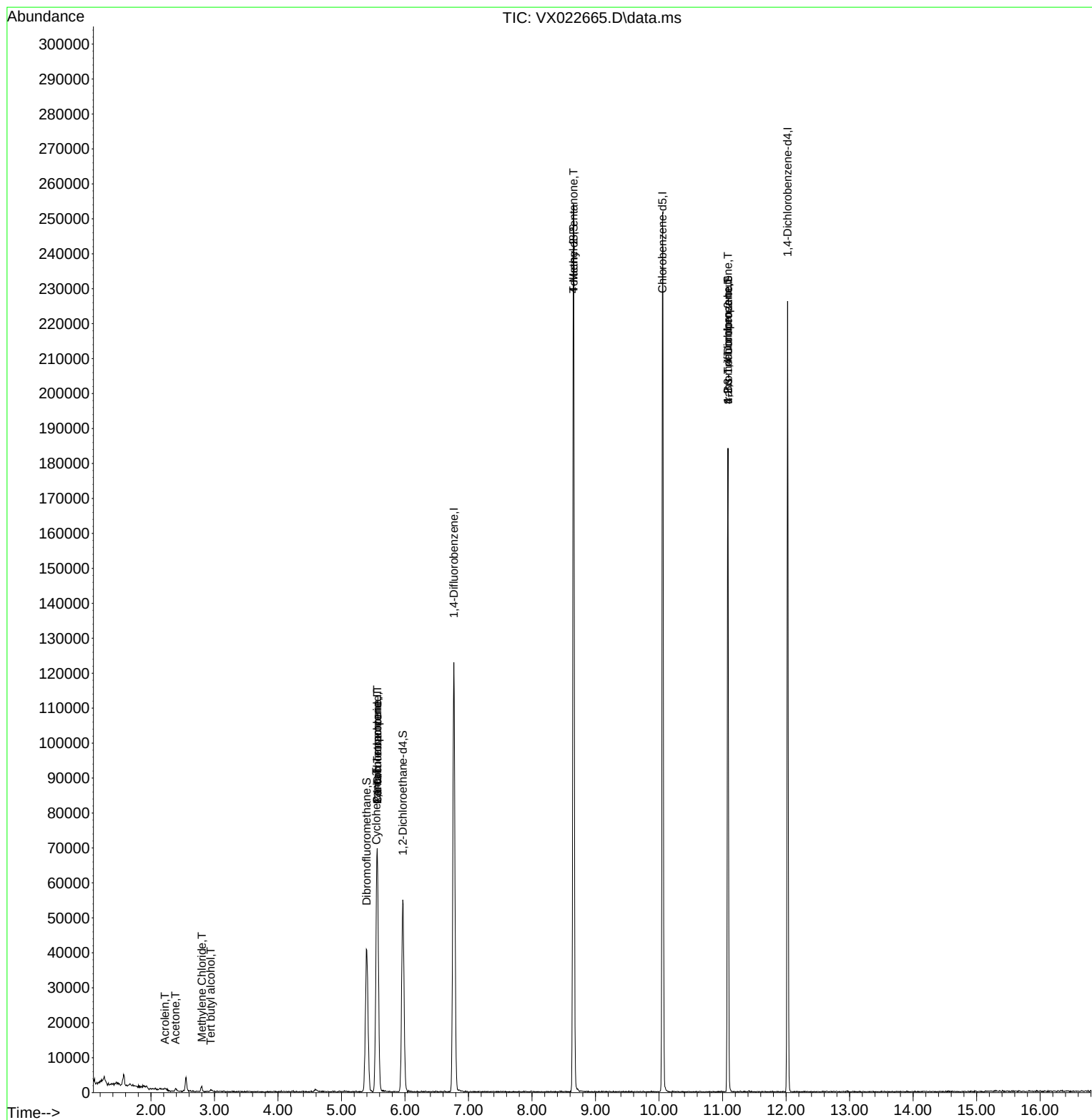
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 57647    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 117861   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 104770   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 39280    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 49793    | 48.027   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 96.060%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 34747    | 46.207   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 92.420%  |
| 50) Toluene-d8                | 8.653  | 98    | 143491   | 48.406   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 96.820%  |
| 62) 4-Bromofluorobenzene      | 11.085 | 95    | 48902    | 43.619   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 87.240%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol        | 2.941  | 59    | 278      | 1.158    | ug/l   | # 73     |
| 13) Acrolein                  | 2.221  | 56    | 46       | 0.457    | ug/l   | # 14     |
| 16) Acetone                   | 2.386  | 43    | 834      | 1.796    | ug/l   | 92       |
| 20) Methylene Chloride        | 2.800  | 84    | 586      | 0.378    | ug/l   | # 91     |
| 31) Cyclohexane               | 5.550  | 56    | 1858     | 1.486    | ug/l   | # 65     |
| 36) 1,1-Dichloropropene       | 5.562  | 75    | 5842     | 4.975    | ug/l   | # 48     |
| 38) Carbon Tetrachloride      | 5.562  | 117   | 6766     | 6.735    | ug/l   | # 18     |
| 51) 4-Methyl-2-Pentanone      | 8.653  | 43    | 785      | 0.525    | ug/l   | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.085 | 75    | 27406    | 26.315   | ug/l   | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75    | 27406    | 65.942   | ug/l   | # 12     |
| -----                         |        |       |          |          |        |          |

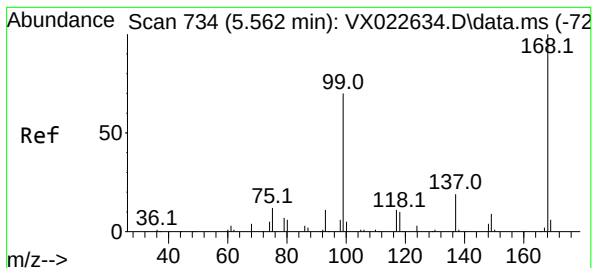
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061121\  
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ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jun 12 02:28:28 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X061021W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 10 12:20:00 2021  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.000 min

Lab File: VX022665.D

Acq: 11 Jun 2021 14:21

Tgt Ion:168 Resp: 57647

Ion Ratio Lower Upper

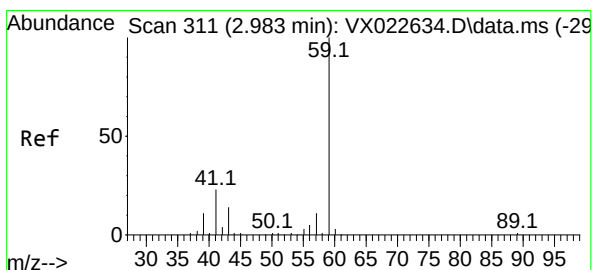
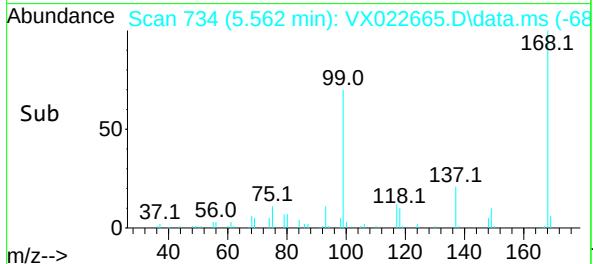
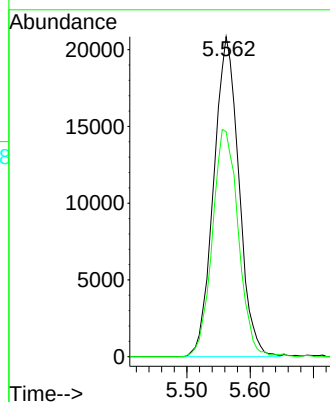
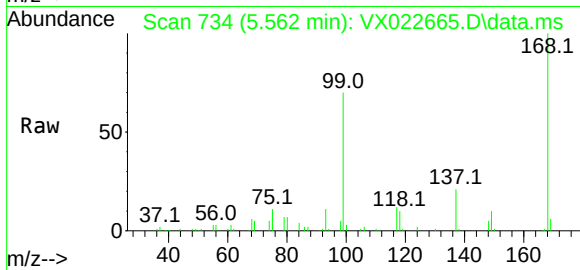
|     |      |      |       |
|-----|------|------|-------|
| 168 | 100  |      |       |
| 99  | 70.3 | 45.8 | 68.6# |

Instrument :

MSVOA\_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA



#11

Tert butyl alcohol

Concen: 1.158 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.042 min

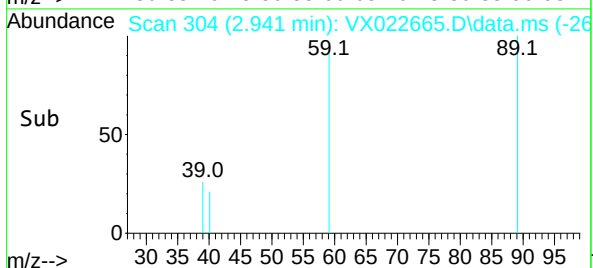
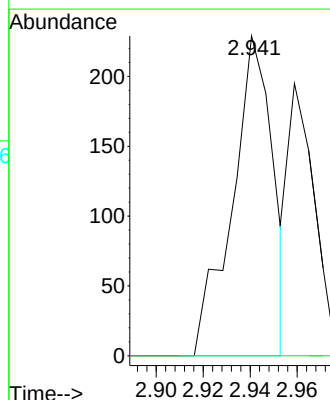
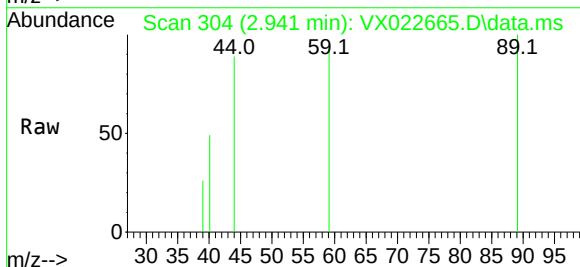
Lab File: VX022665.D

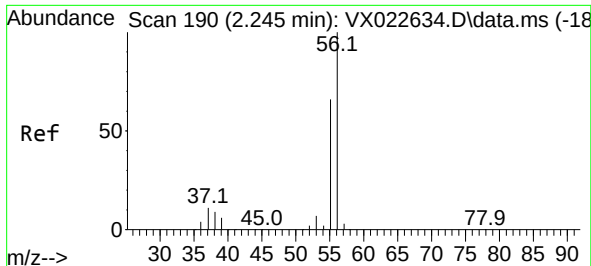
Acq: 11 Jun 2021 14:21

Tgt Ion: 59 Resp: 278

Ion Ratio Lower Upper

|    |     |     |       |
|----|-----|-----|-------|
| 59 | 100 |     |       |
| 57 | 0.0 | 7.8 | 11.8# |

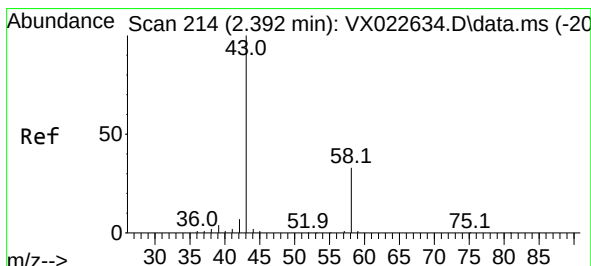
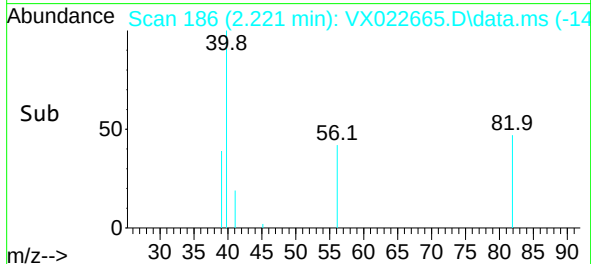
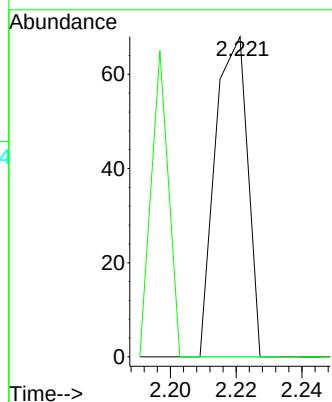
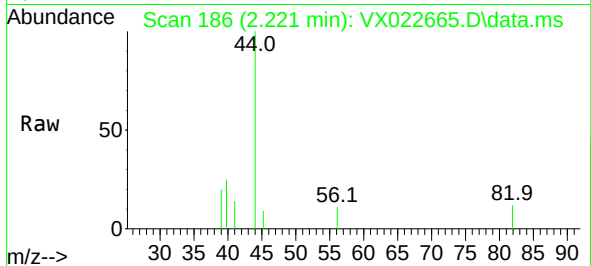




#13  
Acrolein  
Concen: 0.457 ug/l  
RT: 2.221 min Scan# 186  
Delta R.T. -0.018 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

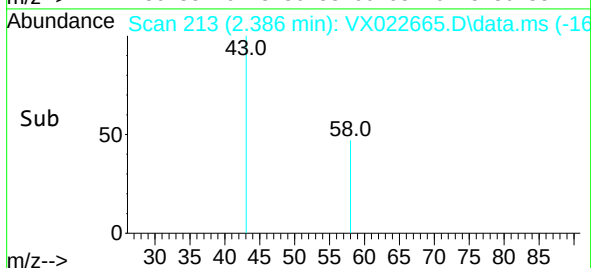
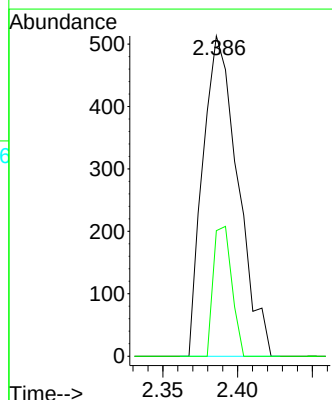
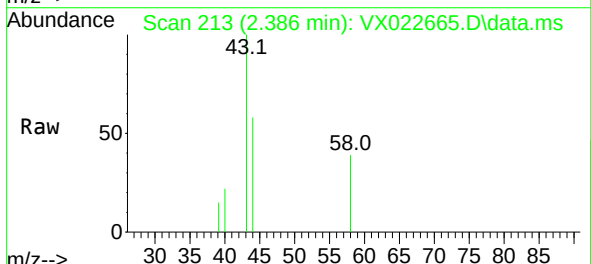
Instrument :  
MSVOA\_X  
ClientSampleId :  
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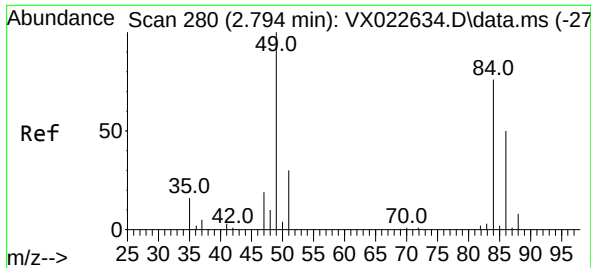
Tgt Ion: 56 Resp: 46  
Ion Ratio Lower Upper  
56 100  
55 0.0 56.4 84.6#



#16  
Acetone  
Concen: 1.796 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Tgt Ion: 43 Resp: 834  
Ion Ratio Lower Upper  
43 100  
58 39.2 27.8 41.8



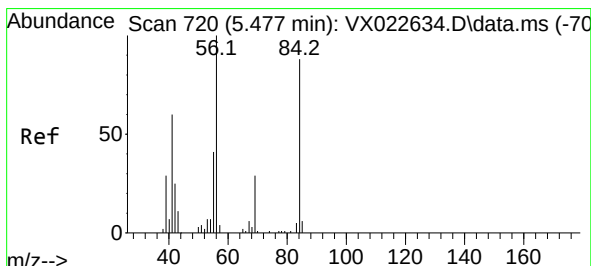
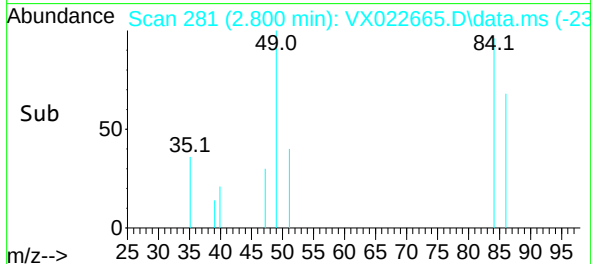
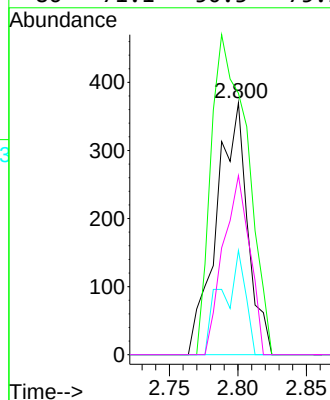
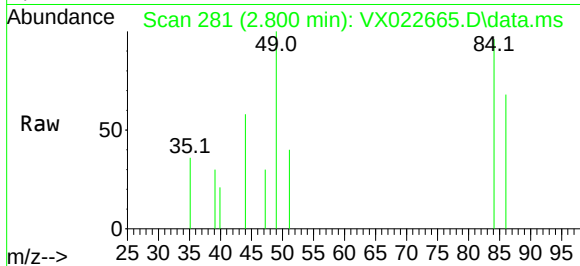


#20  
Methylene Chloride  
Concen: 0.378 ug/l  
RT: 2.800 min Scan# 281  
Delta R.T. 0.006 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 84 Resp: 586

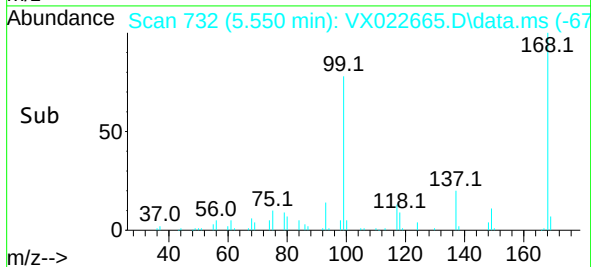
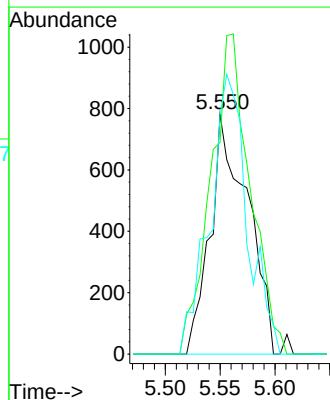
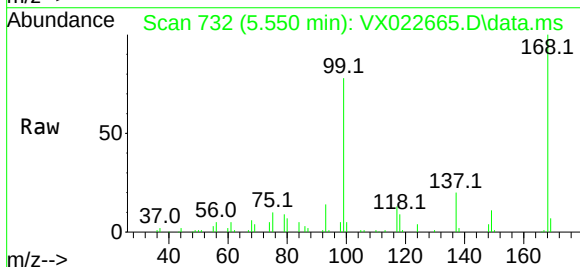
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 103.8 | 88.6  | 132.8 |
| 51  | 41.4  | 27.0  | 40.6# |
| 86  | 71.1  | 50.3  | 75.5  |

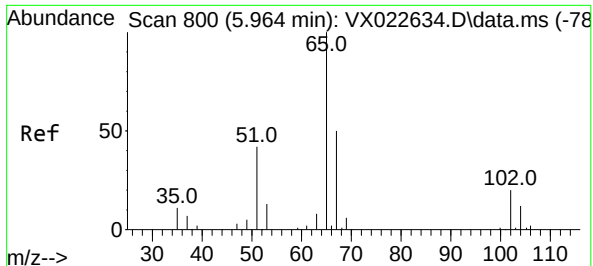


#31  
Cyclohexane  
Concen: 1.486 ug/l  
RT: 5.550 min Scan# 732  
Delta R.T. 0.073 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Tgt Ion: 56 Resp: 1858

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 56  | 100   |       |       |
| 69  | 88.3  | 25.3  | 37.9# |
| 84  | 99.5  | 71.4  | 107.0 |



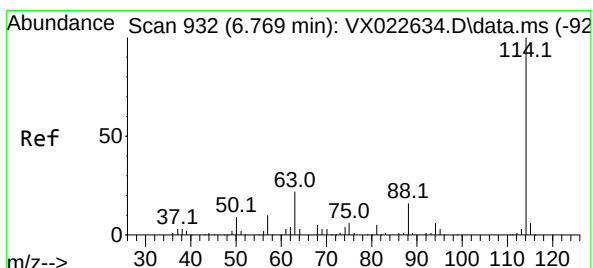
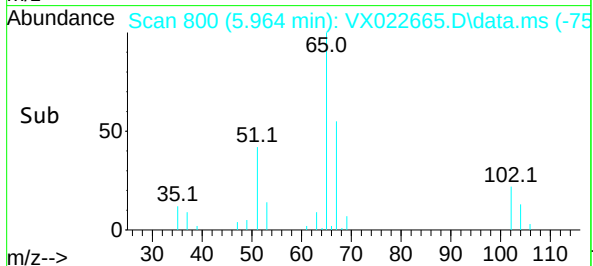
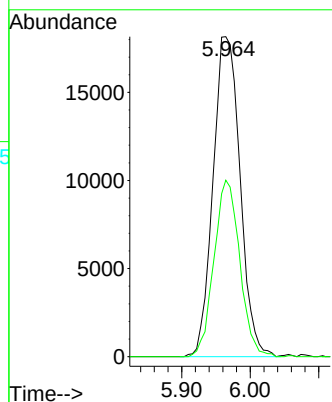
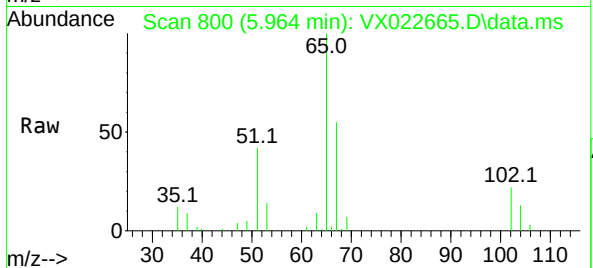


#33

1,2-Dichloroethane-d4  
Concen: 48.027 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

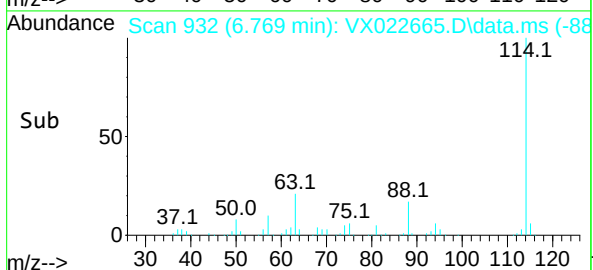
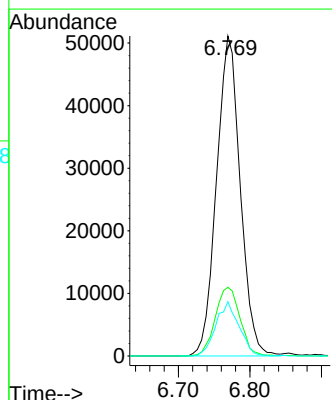
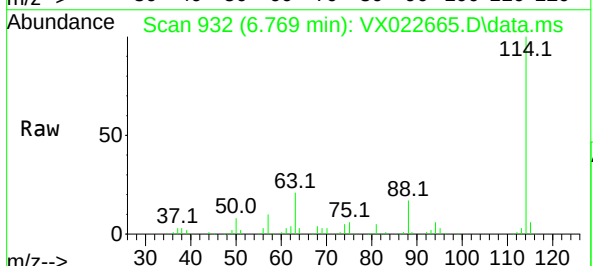
Tgt Ion: 65 Resp: 49793  
Ion Ratio Lower Upper  
65 100  
67 52.4 0.0 105.4

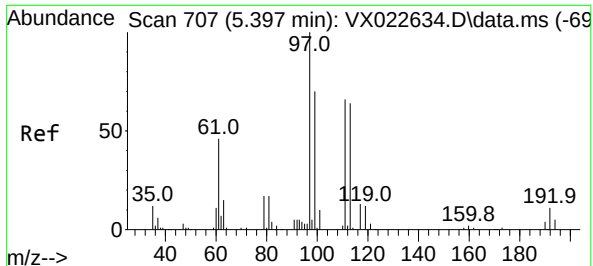


#34

1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Tgt Ion: 114 Resp: 117861  
Ion Ratio Lower Upper  
114 100  
63 21.5 0.0 40.8  
88 17.0 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.207 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.006 min

Lab File: VX022665.D

Acq: 11 Jun 2021 14:21

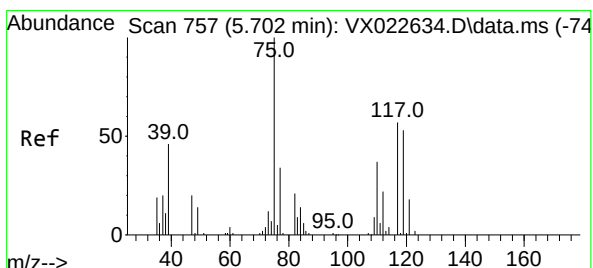
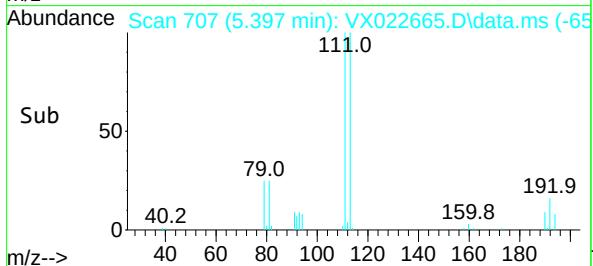
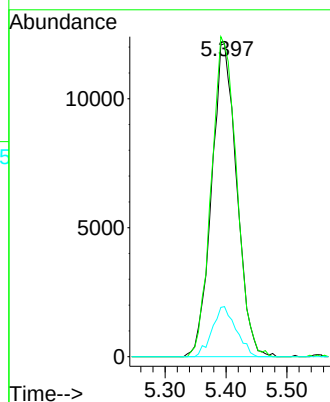
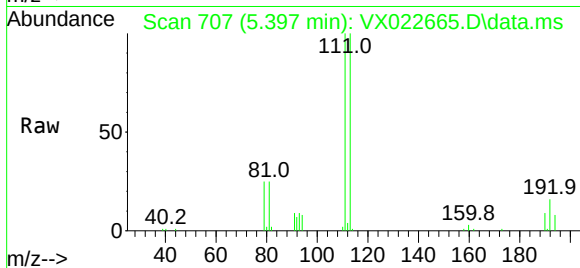
Tgt Ion:113 Resp: 34747

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

192 15.2 16.7 25.1#



#36

1,1-Dichloropropene

Concen: 4.975 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022665.D

Acq: 11 Jun 2021 14:21

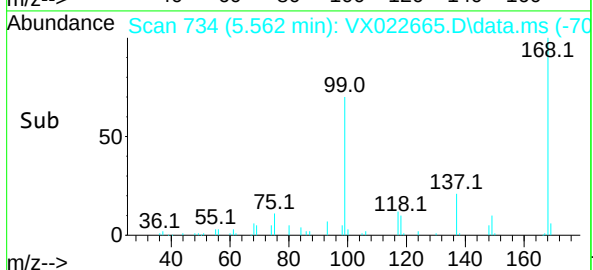
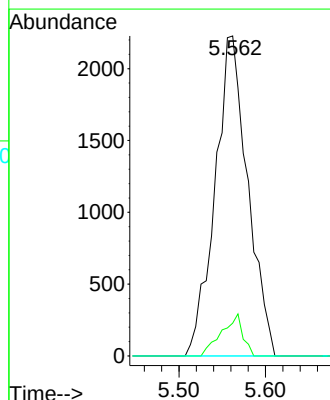
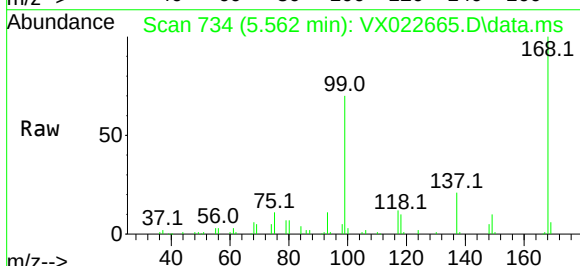
Tgt Ion: 75 Resp: 5842

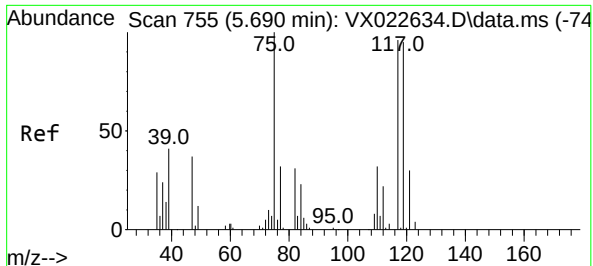
Ion Ratio Lower Upper

75 100

110 8.5 18.1 54.4#

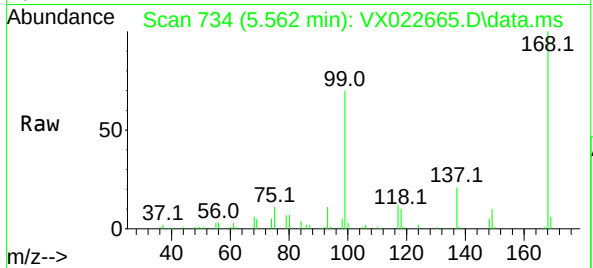
77 0.0 25.3 37.9#



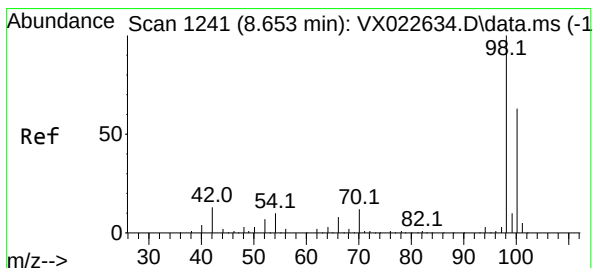
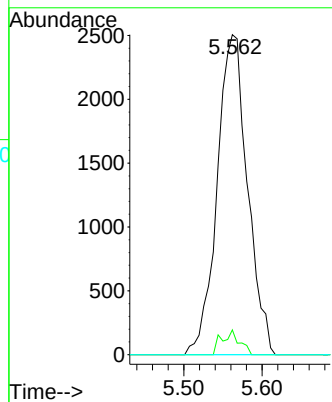
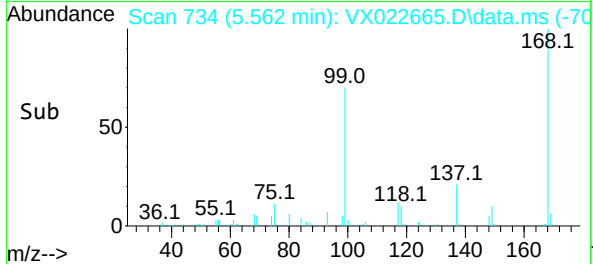


#38  
Carbon Tetrachloride  
Concen: 6.735 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.116 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

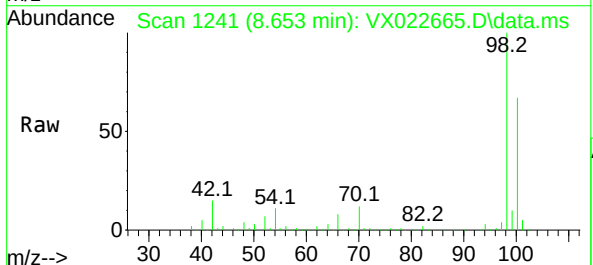
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA



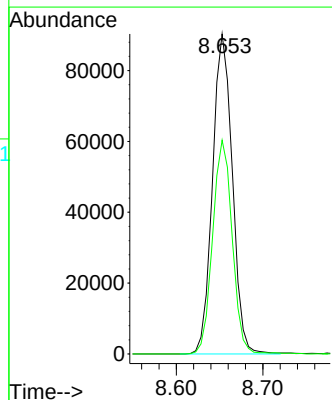
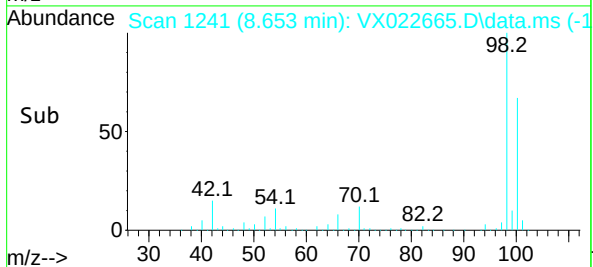
Tgt Ion:117 Resp: 6766  
Ion Ratio Lower Upper  
117 100  
119 7.7 76.2 114.2#  
121 0.0 24.8 37.2#



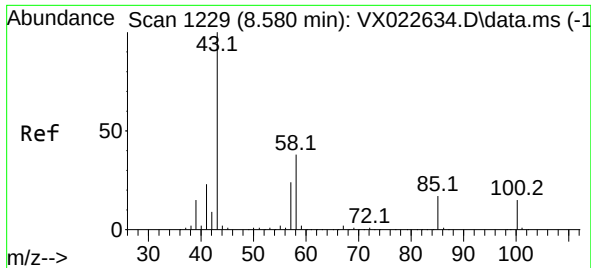
#50  
Toluene-d8  
Concen: 48.406 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. -0.000 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21



Tgt Ion: 98 Resp: 143491  
Ion Ratio Lower Upper  
98 100  
100 66.1 51.9 77.9



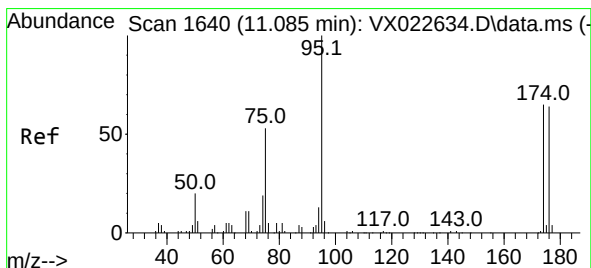
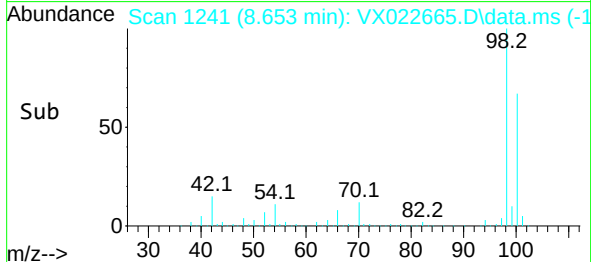
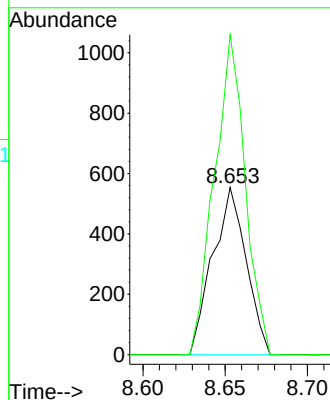
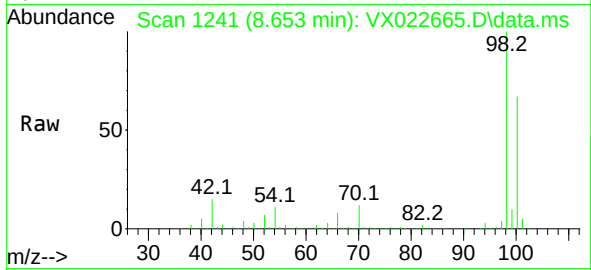




#51  
4-Methyl-2-Pentanone  
Concen: 0.525 ug/l  
RT: 8.653 min Scan# 1241  
Delta R.T. 0.073 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

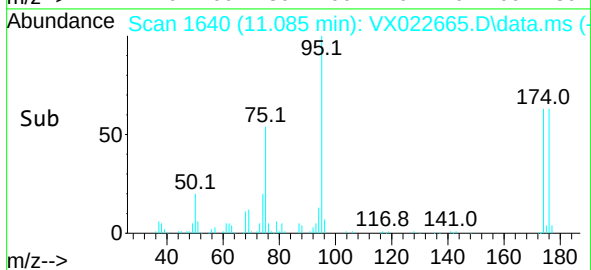
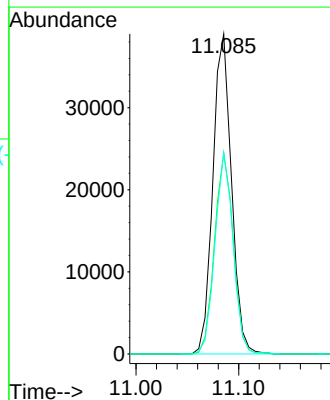
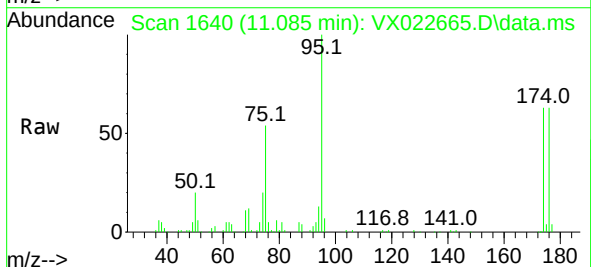
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

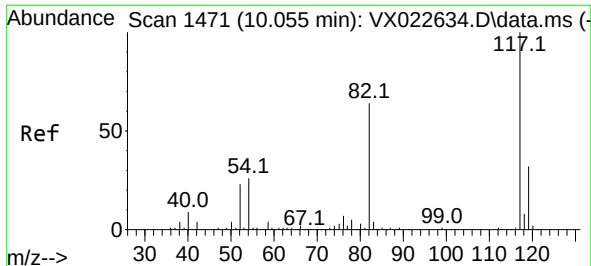
Tgt Ion: 43 Resp: 785  
Ion Ratio Lower Upper  
43 100  
58 176.1 35.4 53.0#



#62  
4-Bromofluorobenzene  
Concen: 43.619 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Tgt Ion: 95 Resp: 48902  
Ion Ratio Lower Upper  
95 100  
174 63.1 0.0 154.6  
176 61.2 0.0 155.8

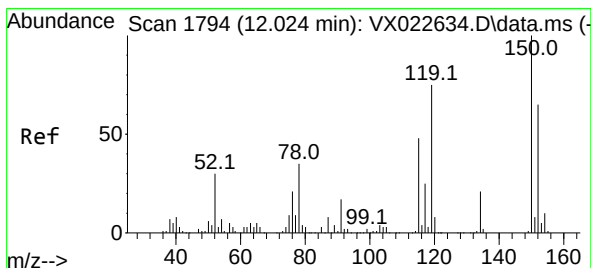
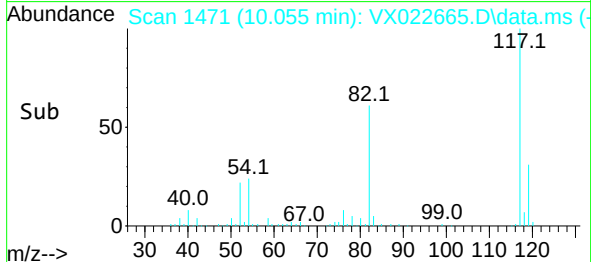
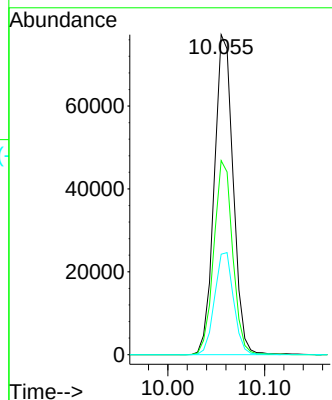
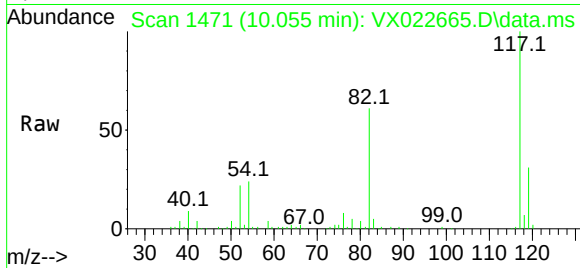




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

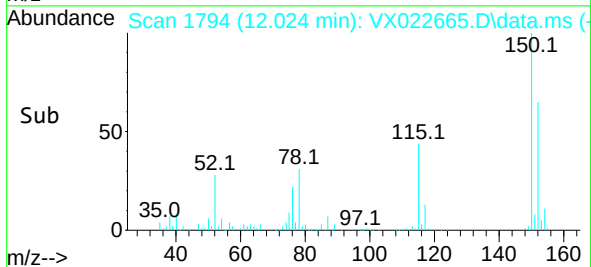
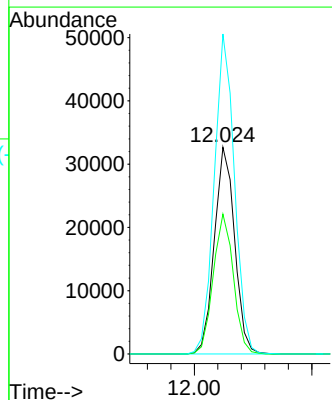
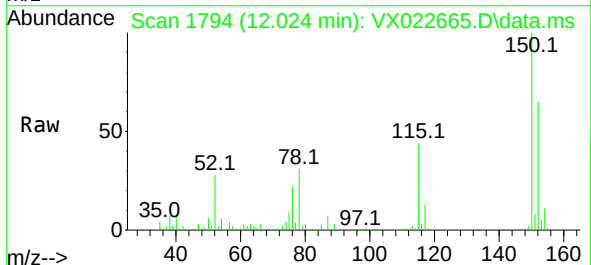
Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

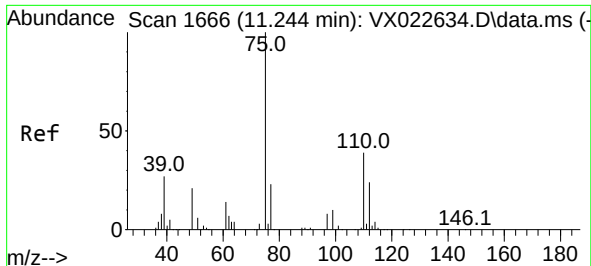
Tgt Ion:117 Resp: 104770  
Ion Ratio Lower Upper  
117 100  
82 60.6 47.4 71.2  
119 31.4 26.6 39.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.000 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Tgt Ion:152 Resp: 39280  
Ion Ratio Lower Upper  
152 100  
115 67.1 41.1 123.3  
150 153.9 0.0 349.0

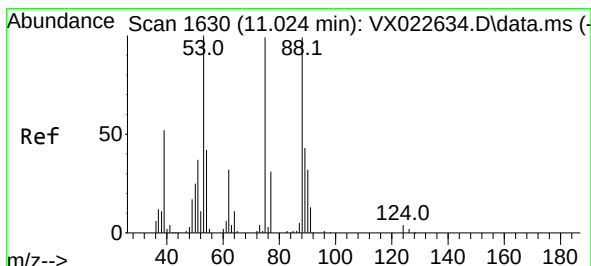
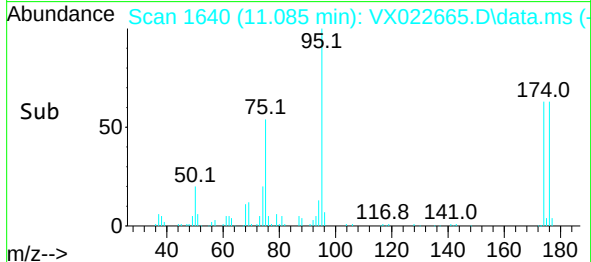
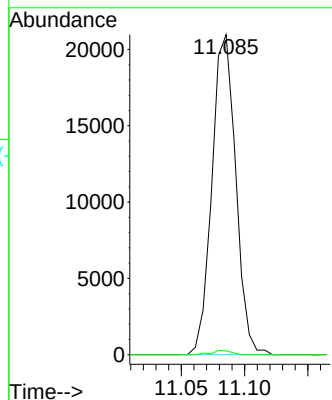
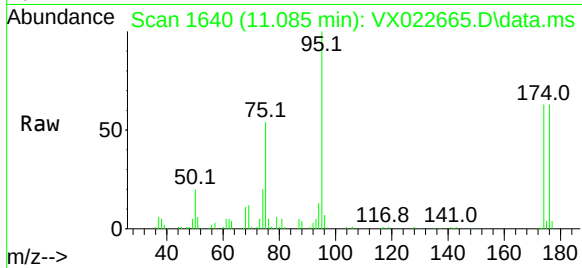




#76  
1,2,3-Trichloropropane  
Concen: 26.315 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. -0.159 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Instrument :  
MSVOA\_X  
ClientSampleId :  
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 27406  
Ion Ratio Lower Upper  
75 100  
77 1.1 19.1 57.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 65.942 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.061 min  
Lab File: VX022665.D  
Acq: 11 Jun 2021 14:21

Tgt Ion: 75 Resp: 27406  
Ion Ratio Lower Upper  
75 100  
53 0.0 74.5 111.7#  
89 0.0 37.9 56.9#

