

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX061121\  
 Data File : VX022666.D  
 Acq On : 11 Jun 2021 14:45  
 Operator : JC/MD  
 Sample : M2688-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB06092021

Quant Time: Jun 12 02:28:42 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

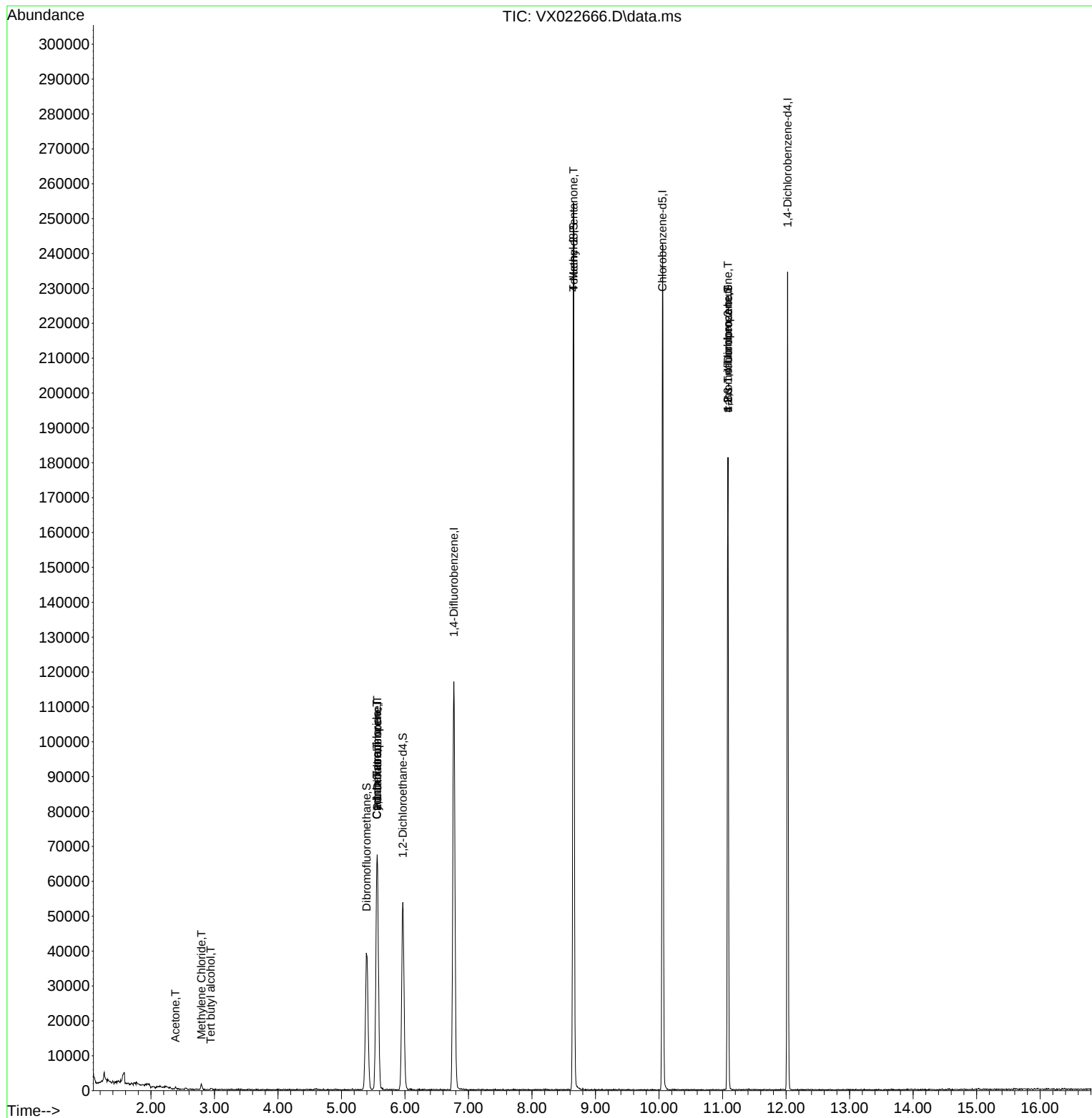
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) Pentafluorobenzene         | 5.562  | 168   | 56914    | 50.000   | ug/l   | # 0.00   |
| 34) 1,4-Difluorobenzene       | 6.769  | 114   | 114343   | 50.000   | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 10.055 | 117   | 102826   | 50.000   | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.024 | 152   | 39454    | 50.000   | ug/l   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 33) 1,2-Dichloroethane-d4     | 5.964  | 65    | 48613    | 47.493   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 78 - 117 | Recovery | =      | 94.980%  |
| 35) Dibromofluoromethane      | 5.397  | 113   | 34300    | 47.016   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 75 - 124 | Recovery | =      | 94.040%  |
| 50) Toluene-d8                | 8.653  | 98    | 140052   | 48.699   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 92 - 112 | Recovery | =      | 97.400%  |
| 62) 4-Bromofluorobenzene      | 11.085 | 95    | 47813    | 43.960   | ug/l   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 83 - 123 | Recovery | =      | 87.920%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 11) Tert butyl alcohol        | 2.940  | 59    | 131      | 0.553    | ug/l   | # 73     |
| 16) Acetone                   | 2.386  | 43    | 518      | 1.130    | ug/l   | 95       |
| 20) Methylene Chloride        | 2.794  | 84    | 583      | 0.383    | ug/l   | # 65     |
| 31) Cyclohexane               | 5.556  | 56    | 1717     | 1.390    | ug/l   | # 33     |
| 36) 1,1-Dichloropropene       | 5.562  | 75    | 5731     | 5.030    | ug/l   | # 47     |
| 38) Carbon Tetrachloride      | 5.556  | 117   | 6658     | 6.832    | ug/l   | # 18     |
| 51) 4-Methyl-2-Pentanone      | 8.653  | 43    | 586      | 0.404    | ug/l   | # 1      |
| 76) 1,2,3-Trichloropropane    | 11.085 | 75    | 26548    | 25.378   | ug/l   | # 39     |
| 81) trans-1,4-Dichloro-2-b... | 11.085 | 75    | 26548    | 63.809   | ug/l   | # 12     |
| -----                         |        |       |          |          |        |          |

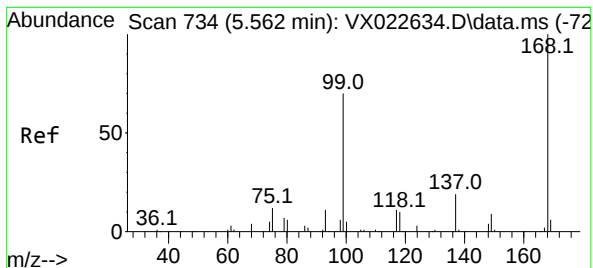
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :  
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ClientSampleId :  
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Quant Time: Jun 12 02:28:42 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: VX022666.D

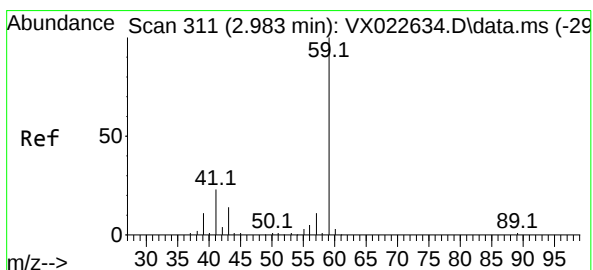
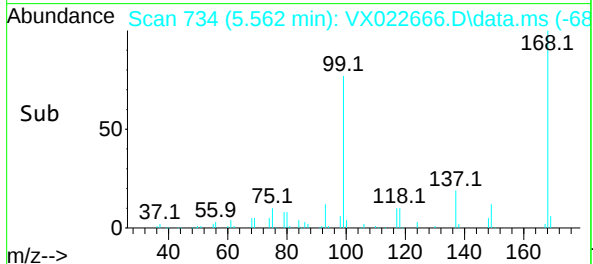
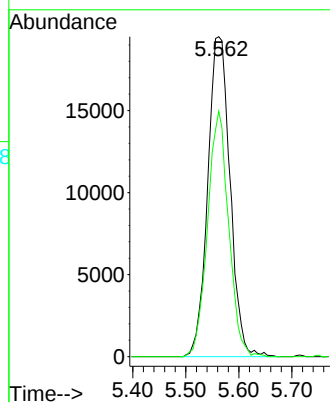
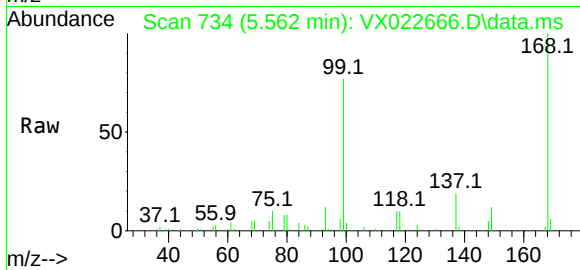
Acq: 11 Jun 2021 14:45

Tgt Ion:168 Resp: 56914

Ion Ratio Lower Upper

168 100

99 76.7 45.8 68.6#



#11

Tert butyl alcohol

Concen: 0.553 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX022666.D

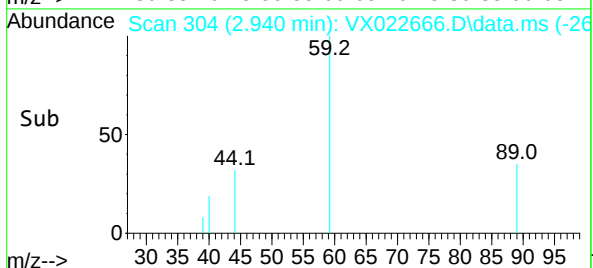
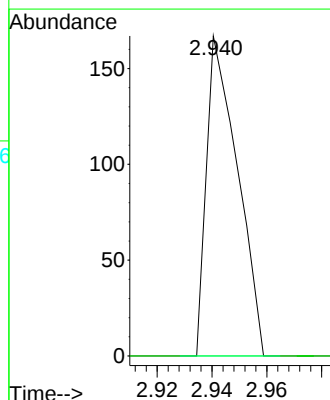
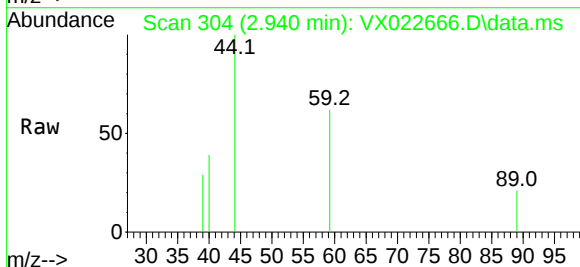
Acq: 11 Jun 2021 14:45

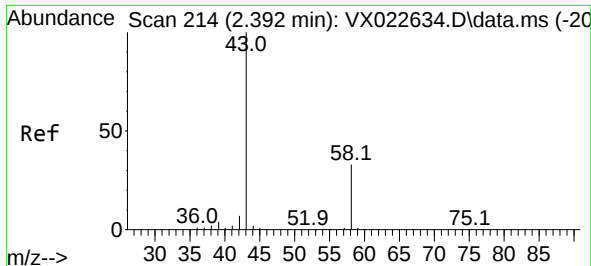
Tgt Ion: 59 Resp: 131

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

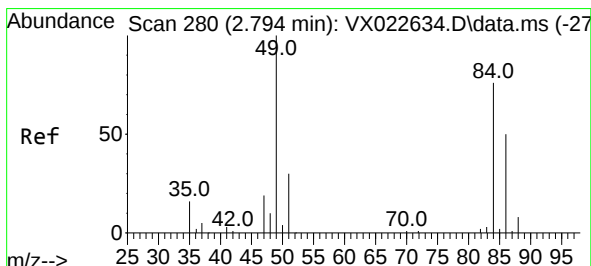
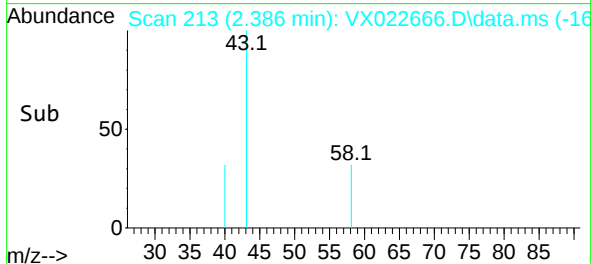
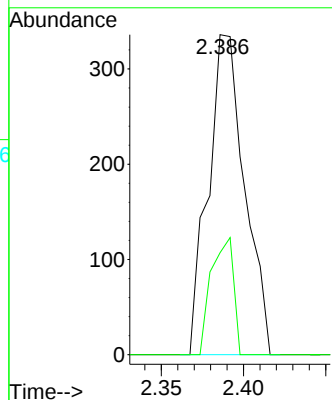
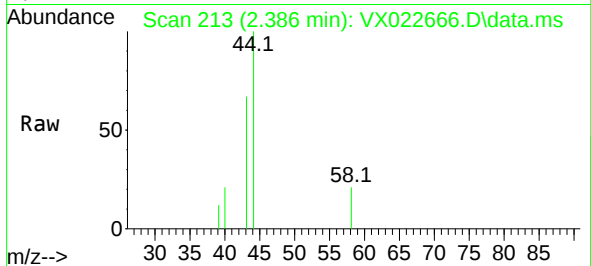




#16  
Acetone  
Concen: 1.130 ug/l  
RT: 2.386 min Scan# 213  
Delta R.T. -0.006 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

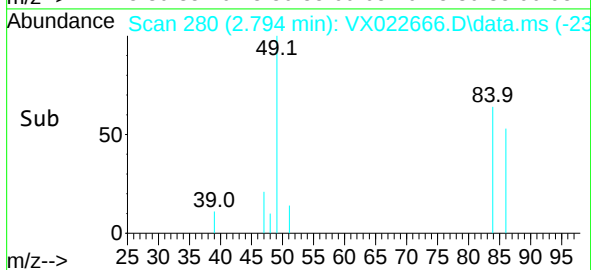
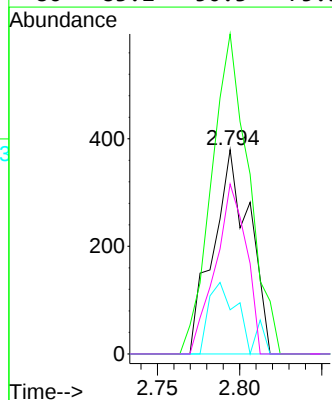
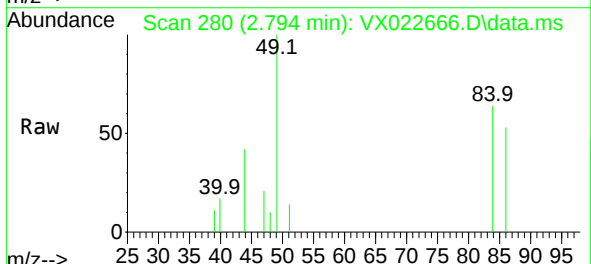
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB06092021

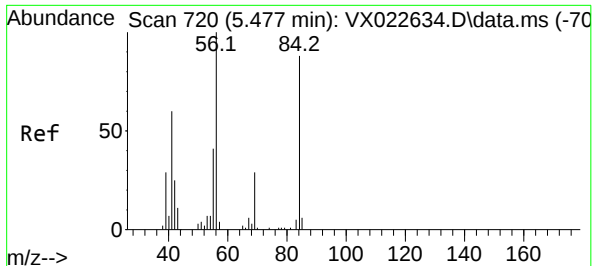
Tgt Ion: 43 Resp: 518  
Ion Ratio Lower Upper  
43 100  
58 31.8 27.8 41.8



#20  
Methylene Chloride  
Concen: 0.383 ug/l  
RT: 2.794 min Scan# 280  
Delta R.T. 0.000 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

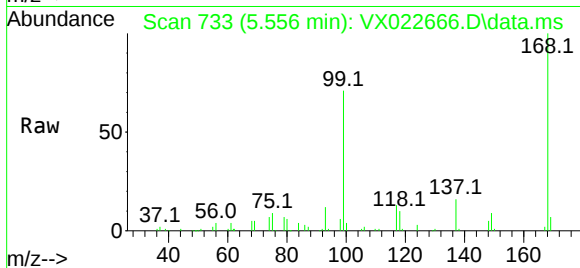
Tgt Ion: 84 Resp: 583  
Ion Ratio Lower Upper  
84 100  
49 156.6 88.6 132.8#  
51 21.6 27.0 40.6#  
86 83.2 50.3 75.5#



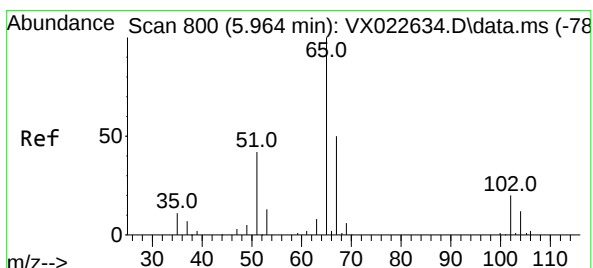
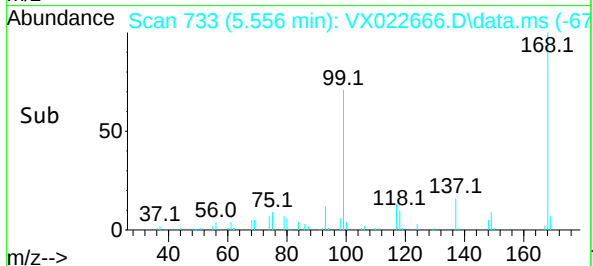
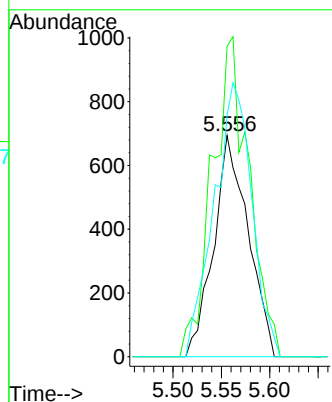


#31  
Cyclohexane  
Concen: 1.390 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. 0.079 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

Instrument :  
MSVOA\_X  
ClientSampleId :  
TB06092021

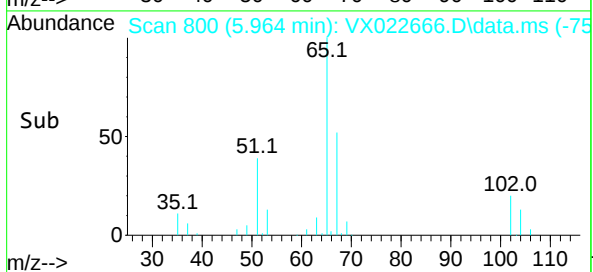
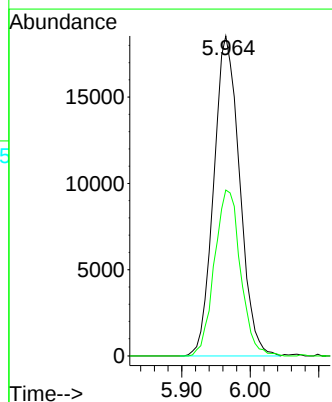
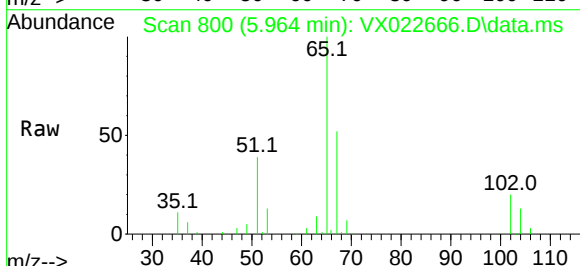


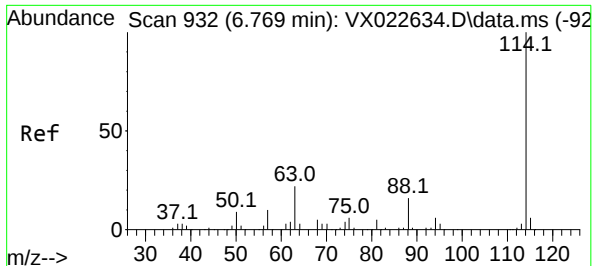
Tgt Ion: 56 Resp: 1717  
Ion Ratio Lower Upper  
56 100  
69 140.3 25.3 37.9#  
84 109.1 71.4 107.0#



#33  
1,2-Dichloroethane-d4  
Concen: 47.493 ug/l  
RT: 5.964 min Scan# 800  
Delta R.T. 0.000 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

Tgt Ion: 65 Resp: 48613  
Ion Ratio Lower Upper  
65 100  
67 52.2 0.0 105.4

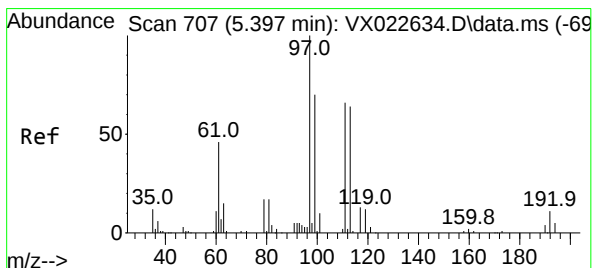
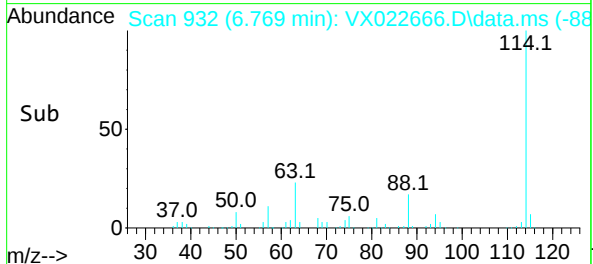
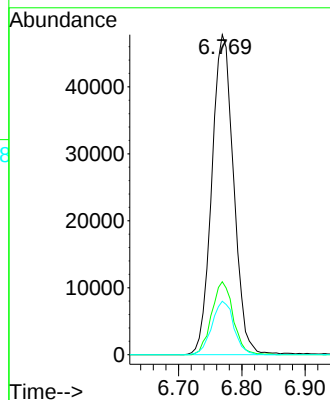
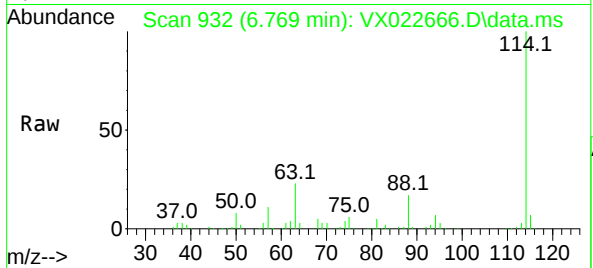




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.769 min Scan# 932  
Delta R.T. 0.000 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

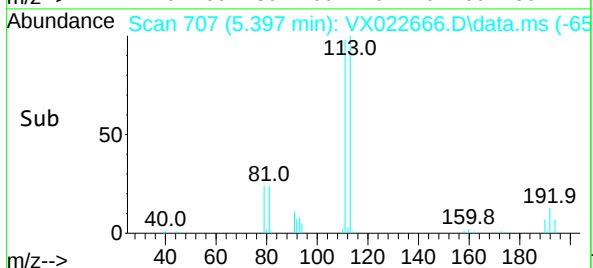
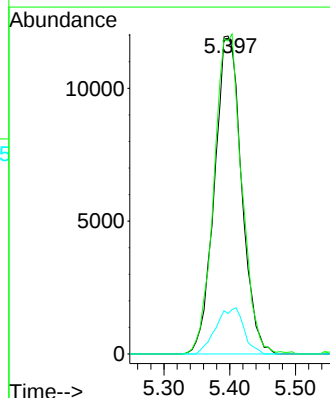
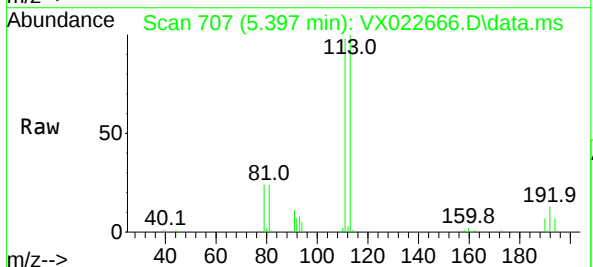
Instrument :  
MSVOA\_X  
ClientSampleId :  
TB06092021

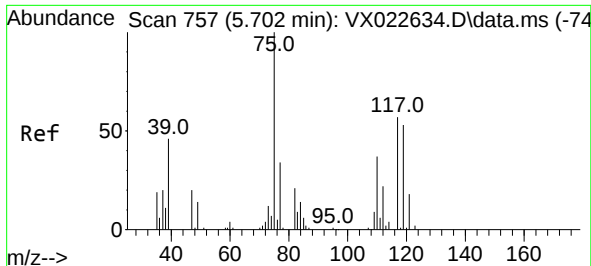
Tgt Ion:114 Resp: 114343  
Ion Ratio Lower Upper  
114 100  
63 22.8 0.0 40.8  
88 16.7 0.0 32.8



#35  
Dibromofluoromethane  
Concen: 47.016 ug/l  
RT: 5.397 min Scan# 707  
Delta R.T. 0.006 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

Tgt Ion:113 Resp: 34300  
Ion Ratio Lower Upper  
113 100  
111 103.3 81.9 122.9  
192 14.9 16.7 25.1#

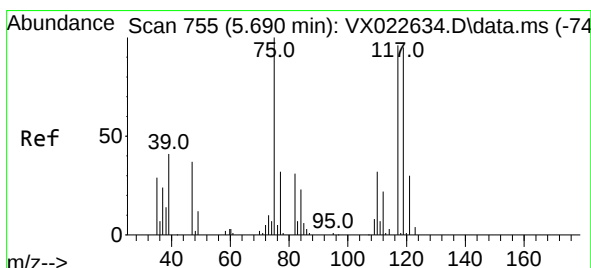
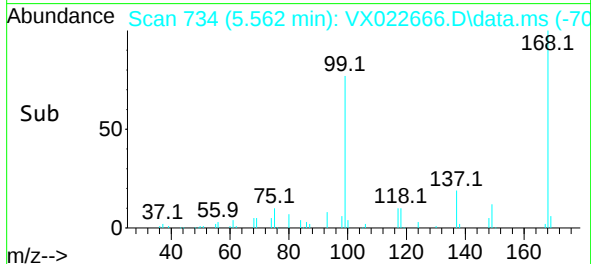
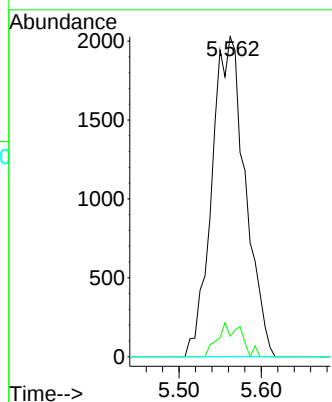
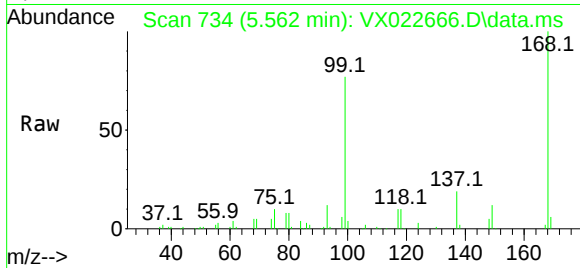




#36  
1,1-Dichloropropene  
Concen: 5.030 ug/l  
RT: 5.562 min Scan# 734  
Delta R.T. -0.140 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

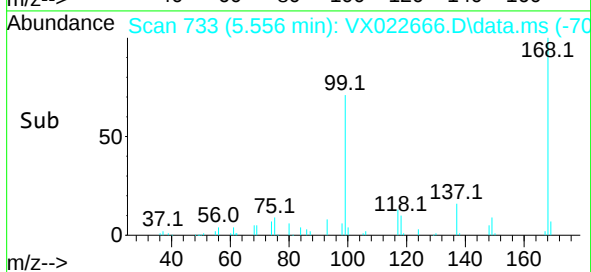
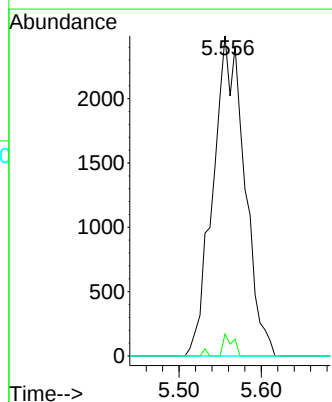
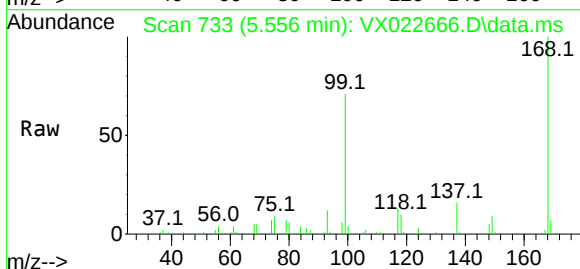
Instrument :  
MSVOA\_X  
ClientSampleId :  
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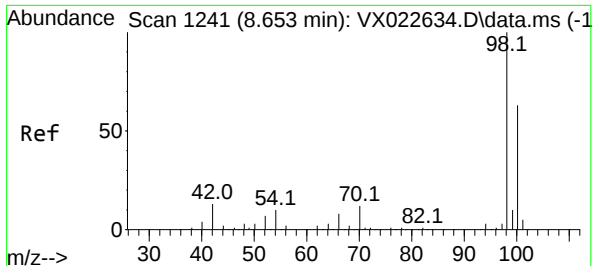
Tgt Ion: 75 Resp: 5731  
Ion Ratio Lower Upper  
75 100  
110 7.3 18.1 54.4#  
77 0.0 25.3 37.9#



#38  
Carbon Tetrachloride  
Concen: 6.832 ug/l  
RT: 5.556 min Scan# 733  
Delta R.T. -0.122 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

Tgt Ion: 117 Resp: 6658  
Ion Ratio Lower Upper  
117 100  
119 6.8 76.2 114.2#  
121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.699 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX022666.D

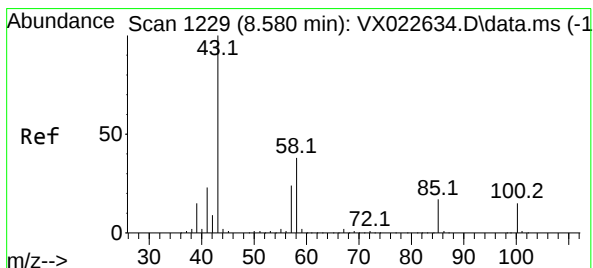
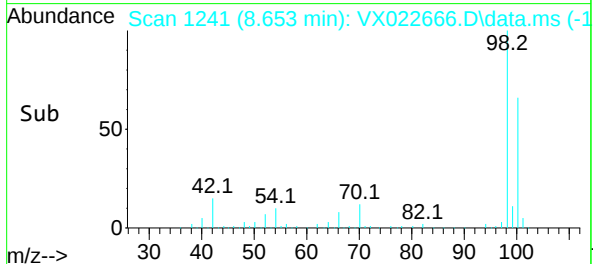
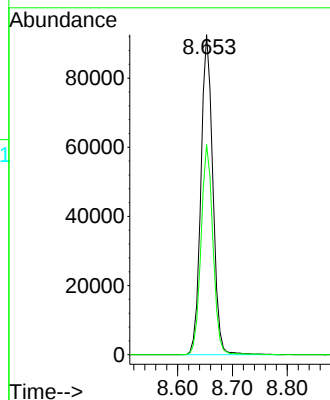
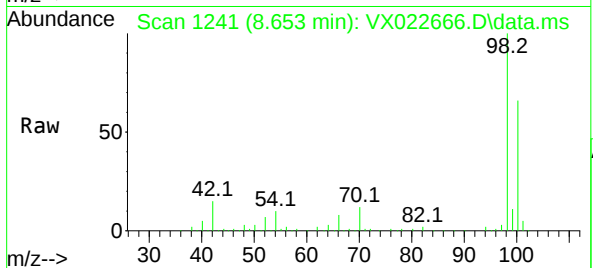
Acq: 11 Jun 2021 14:45

Tgt Ion: 98 Resp: 140052

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 0.404 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX022666.D

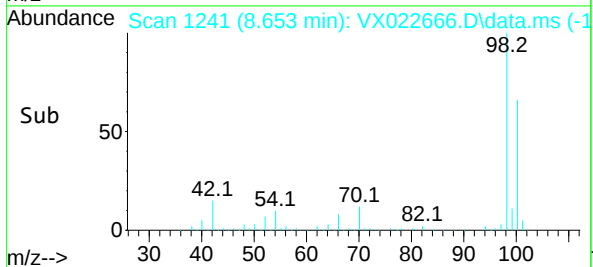
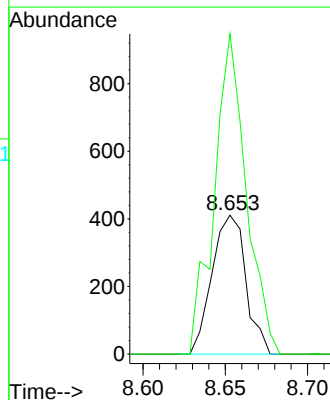
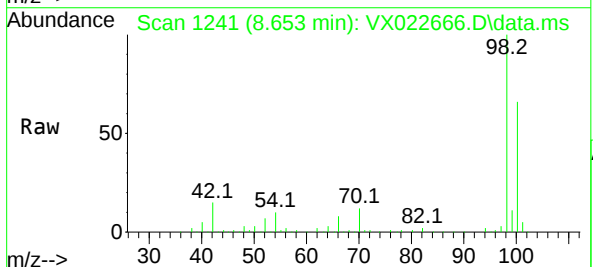
Acq: 11 Jun 2021 14:45

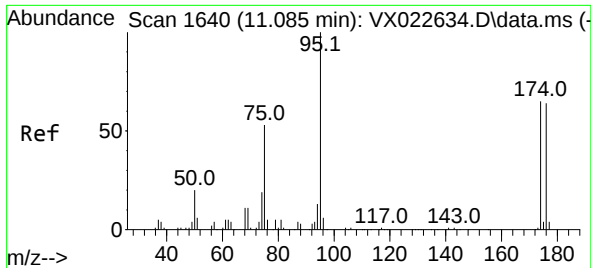
Tgt Ion: 43 Resp: 586

Ion Ratio Lower Upper

43 100

58 218.8 35.4 53.0#

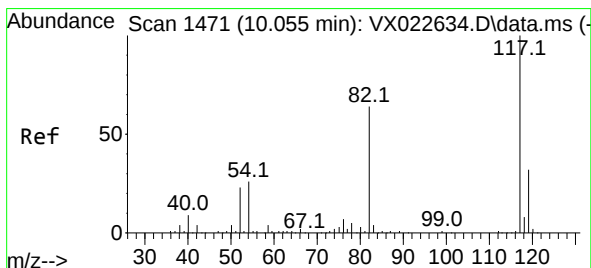
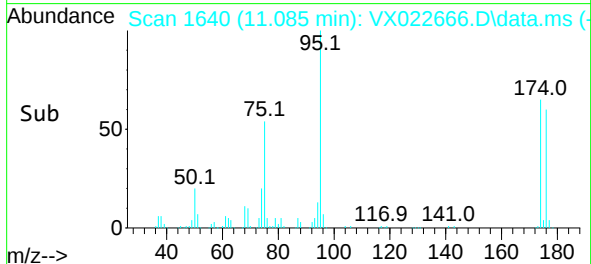
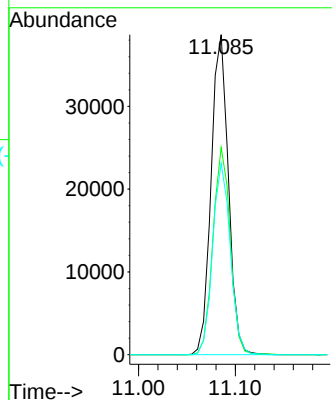
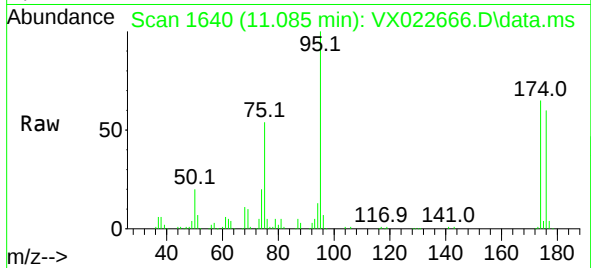




#62  
4-Bromofluorobenzene  
Concen: 43.960 ug/l  
RT: 11.085 min Scan# 1640  
Delta R.T. 0.000 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

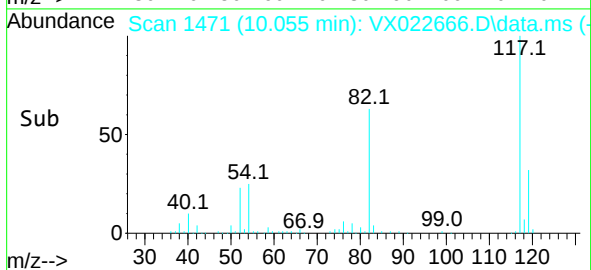
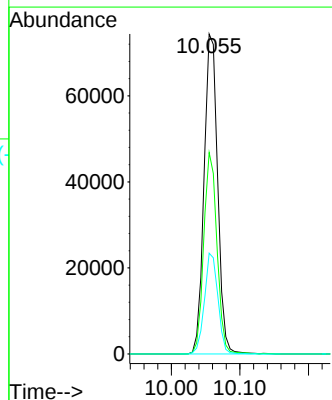
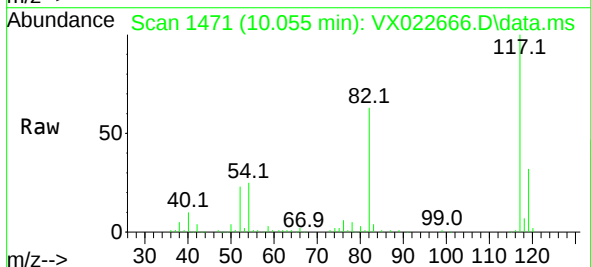
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MSVOA\_X  
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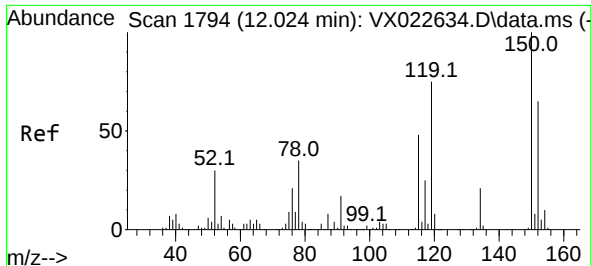
Tgt Ion: 95 Resp: 47813  
Ion Ratio Lower Upper  
95 100  
174 65.0 0.0 154.6  
176 61.4 0.0 155.8



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.055 min Scan# 1471  
Delta R.T. 0.000 min  
Lab File: VX022666.D  
Acq: 11 Jun 2021 14:45

Tgt Ion: 117 Resp: 102826  
Ion Ratio Lower Upper  
117 100  
82 63.0 47.4 71.2  
119 31.5 26.6 39.8

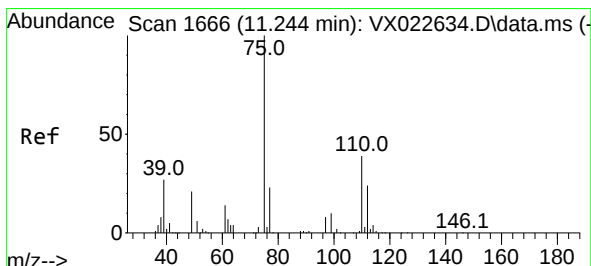
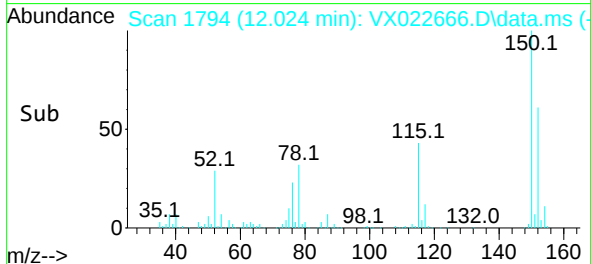
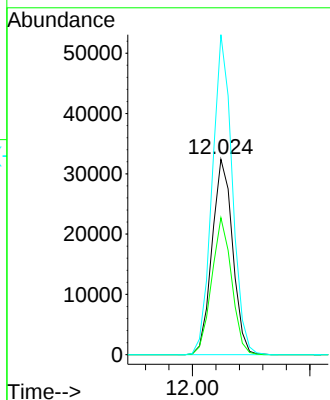
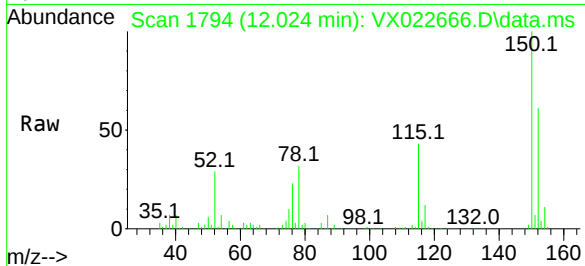




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.024 min Scan# 1794  
 Delta R.T. -0.000 min  
 Lab File: VX022666.D  
 Acq: 11 Jun 2021 14:45

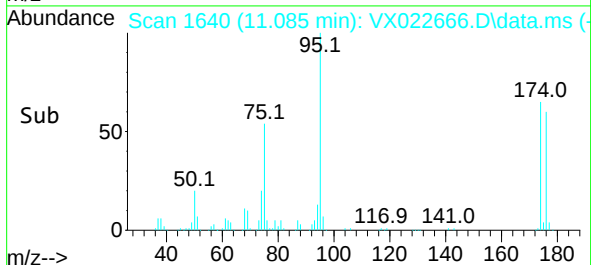
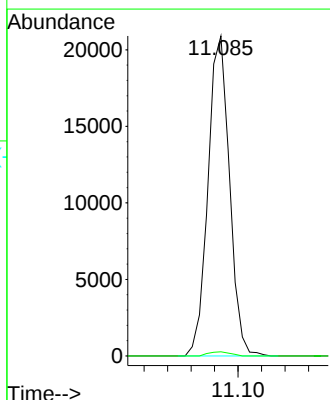
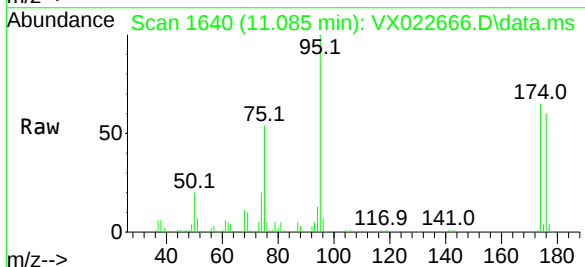
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 TB06092021

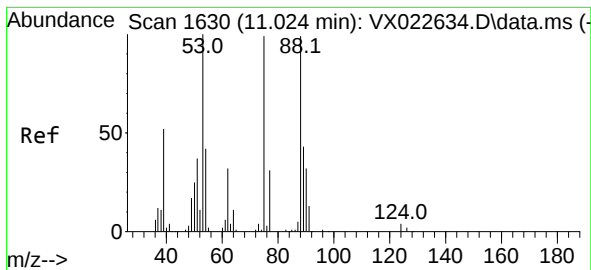
Tgt Ion:152 Resp: 39454  
 Ion Ratio Lower Upper  
 152 100  
 115 67.7 41.1 123.3  
 150 159.3 0.0 349.0



#76  
 1,2,3-Trichloropropane  
 Concen: 25.378 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. -0.159 min  
 Lab File: VX022666.D  
 Acq: 11 Jun 2021 14:45

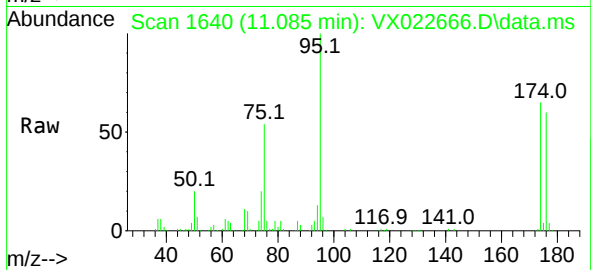
Tgt Ion: 75 Resp: 26548  
 Ion Ratio Lower Upper  
 75 100  
 77 1.3 19.1 57.5#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 63.809 ug/l  
 RT: 11.085 min Scan# 1640  
 Delta R.T. 0.061 min  
 Lab File: VX022666.D  
 Acq: 11 Jun 2021 14:45

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TB06092021



Tgt Ion: 75 Resp: 26548  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 74.5 111.7#  
 89 0.0 37.9 56.9#

