

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042821\  
 Data File : VU043383.D  
 Acq On : 28 Apr 2021 14:08  
 Operator : SY/MD  
 Sample : M2206-01  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PILOT-PLANT-PROCESS-BLEED

Quant Time: Apr 29 08:38:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Apr 12 13:17:29 2021  
 Response via : Initial Calibration

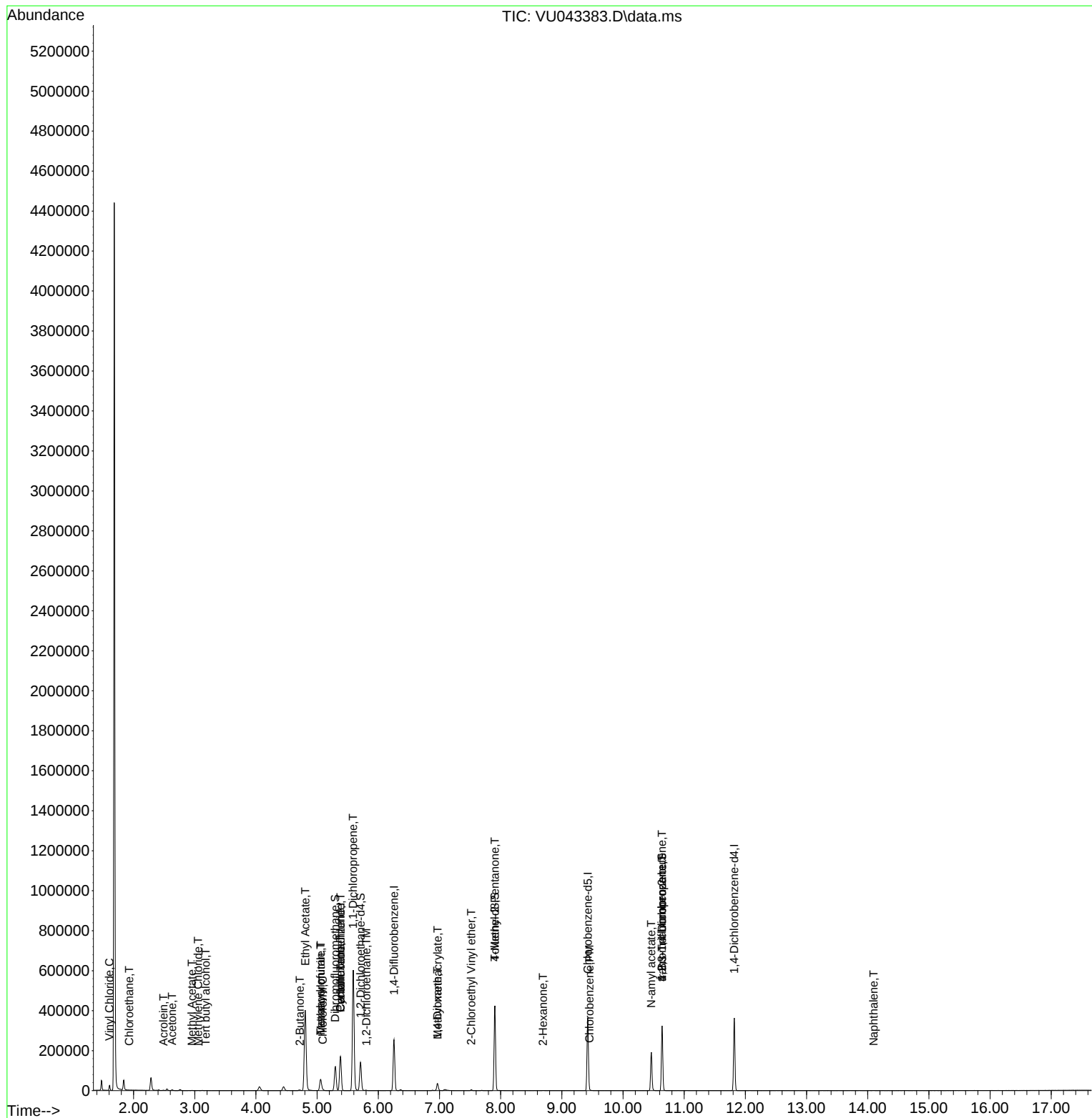
| Compound                      | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|---------|----------|
| -----                         |        |      |          |           |         |          |
| Internal Standards            |        |      |          |           |         |          |
| 1) Pentafluorobenzene         | 5.382  | 168  | 114268   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 6.256  | 114  | 187522   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 9.423  | 117  | 181654   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 11.819 | 152  | 85901    | 50.00     | ug/l    | 0.00     |
|                               |        |      |          |           |         |          |
| System Monitoring Compounds   |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4     | 5.710  | 65   | 107094   | 55.75     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 111.50% |          |
| 35) Dibromofluoromethane      | 5.295  | 113  | 72382    | 51.37     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 102.74% |          |
| 50) Toluene-d8                | 7.906  | 98   | 256092   | 51.36     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 102.72% |          |
| 62) 4-Bromofluorobenzene      | 10.639 | 95   | 96043    | 48.10     | ug/l    | 0.00     |
| Spiked Amount 50.000          |        |      | Recovery | =         | 96.20%  |          |
|                               |        |      |          |           |         |          |
| Target Compounds              |        |      |          |           | Qvalue  |          |
| 3) Chloromethane              | 1.520  | 50   | 522      | Below Cal |         | 96       |
| 4) Vinyl Chloride             | 1.607  | 62   | 16167    | 12.58     | ug/l    | 98       |
| 6) Chloroethane               | 1.928  | 64   | 220      | 0.21      | ug/l #  | 42       |
| 11) Tert butyl alcohol        | 3.179  | 59   | 460      | 0.93      | ug/l #  | 94       |
| 13) Acrolein                  | 2.488  | 56   | 1597     | 15.38     | ug/l    | 97       |
| 16) Acetone                   | 2.629  | 43   | 5007     | 4.13      | ug/l    | 93       |
| 18) Methyl Acetate            | 2.951  | 43   | 1713     | 0.71      | ug/l #  | 74       |
| 20) Methylene Chloride        | 3.054  | 84   | 326      | 0.24      | ug/l #  | 84       |
| 25) 2-Butanone                | 4.716  | 43   | 5518     | 3.16      | ug/l    | 94       |
| 29) Tetrahydrofuran           | 5.057  | 42   | 40772    | 37.11     | ug/l    | 94       |
| 30) Chloroform                | 5.092  | 83   | 2072     | 0.78      | ug/l    | 89       |
| 31) Cyclohexane               | 5.378  | 56   | 2980     | 1.26      | ug/l #  | 46       |
| 36) 1,1-Dichloropropene       | 5.587  | 75   | 1951     | 0.98      | ug/l #  | 42       |
| 37) Ethyl Acetate             | 4.806  | 43   | 91973    | 27.04     | ug/l #  | 73       |
| 38) Carbon Tetrachloride      | 5.382  | 117  | 12064    | 5.66      | ug/l #  | 16       |
| 41) Methacrylonitrile         | 5.060  | 41   | 24181    | 13.52     | ug/l #  | 52       |
| 42) 1,2-Dichloroethane        | 5.803  | 62   | 1673     | 0.66      | ug/l #  | 79       |
| 48) Methyl methacrylate       | 6.970  | 41   | 534      | 0.22      | ug/l #  | 36       |
| 49) 1,4-Dioxane               | 6.967  | 88   | 22931    | 469.92    | ug/l #  | 95       |
| 51) 4-Methyl-2-Pentanone      | 7.906  | 43   | 1473     | 0.41      | ug/l #  | 1        |
| 58) 2-Chloroethyl Vinyl ether | 7.520  | 63   | 1156     | 8.39      | ug/l #  | 50       |
| 59) 2-Hexanone                | 8.690  | 43   | 776      | 0.26      | ug/l    | 88       |
| 65) Chlorobenzene             | 9.452  | 112  | 1033     | 0.27      | ug/l    | 91       |
| 74) N-amyl acetate            | 10.462 | 43   | 22831    | 6.16      | ug/l #  | 53       |
| 76) 1,2,3-Trichloropropane    | 10.639 | 75   | 54773    | 21.82     | ug/l #  | 37       |
| 81) trans-1,4-Dichloro-2-b... | 10.639 | 75   | 54773    | 64.12     | ug/l #  | 7        |
| 95) Naphthalene               | 14.098 | 128  | 257      | 2.78      | ug/l #  | 69       |
| -----                         |        |      |          |           |         |          |

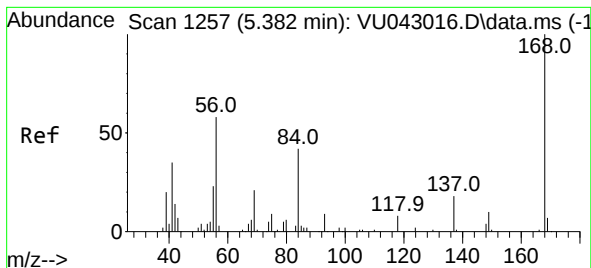
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042821\  
Data File : VU043383.D  
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Sample : M2206-01  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 33 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

Quant Time: Apr 29 08:38:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\82U041221W.M  
Quant Title : SW846 8260  
QLast Update : Mon Apr 12 13:17:29 2021  
Response via : Initial Calibration

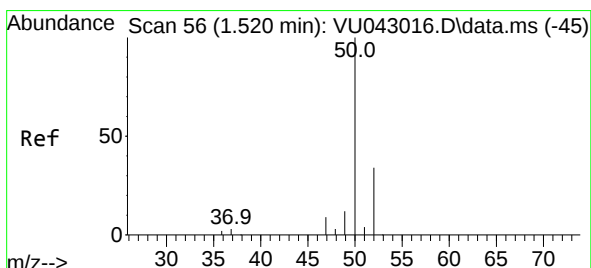
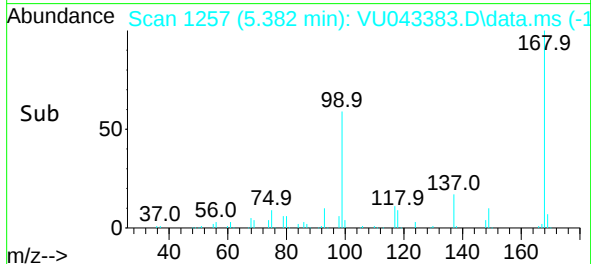
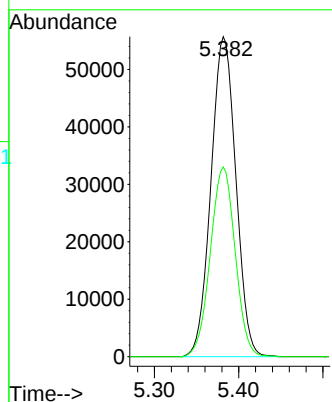
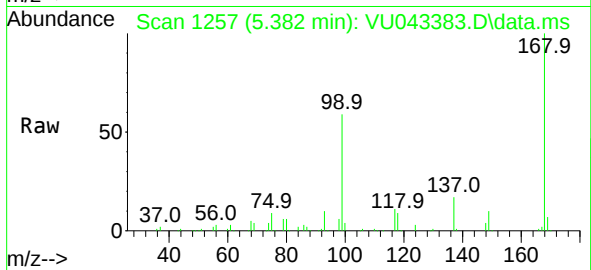




#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

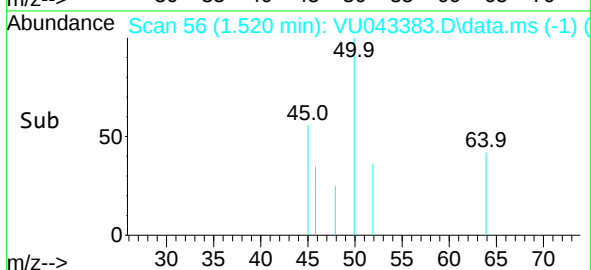
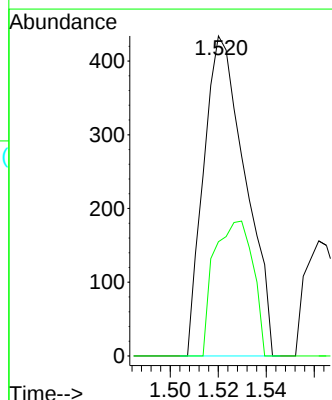
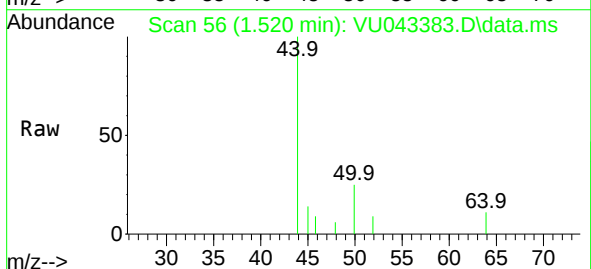
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

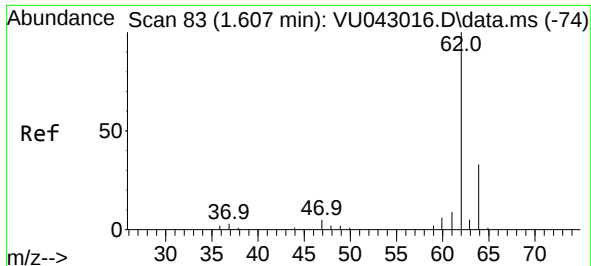
Tgt Ion:168 Resp: 114268  
Ion Ratio Lower Upper  
168 100  
99 59.3 45.0 67.4



#3  
Chloromethane  
Concen: Below Cal  
RT: 1.520 min Scan# 56  
Delta R.T. 0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion: 50 Resp: 522  
Ion Ratio Lower Upper  
50 100  
52 35.7 26.6 40.0

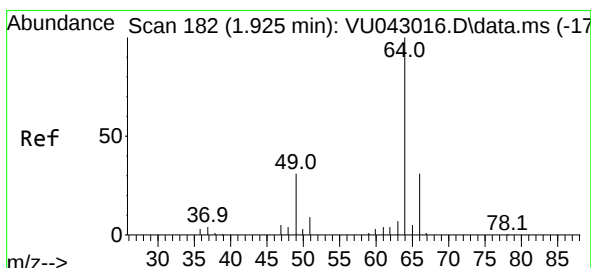
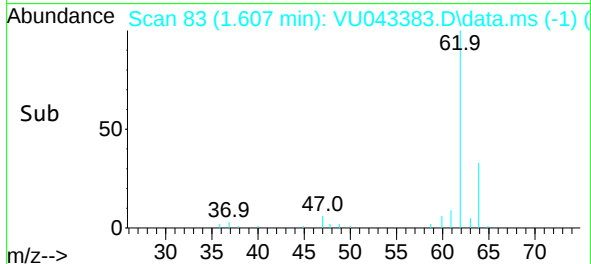
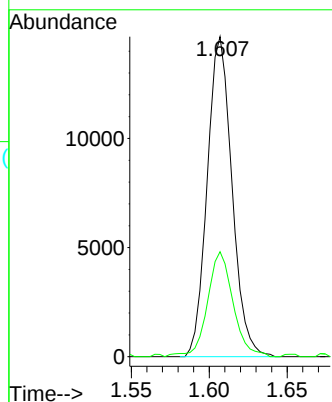
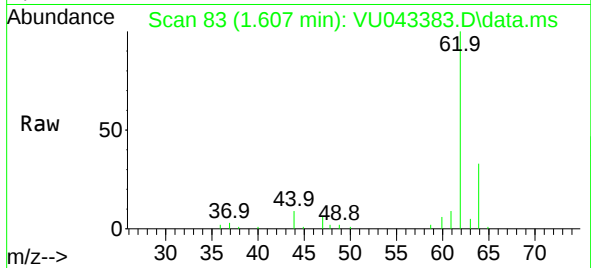




#4  
 Vinyl Chloride  
 Concen: 12.58 ug/l  
 RT: 1.607 min Scan# 83  
 Delta R.T. -0.000 min  
 Lab File: VU043383.D  
 Acq: 28 Apr 2021 14:08

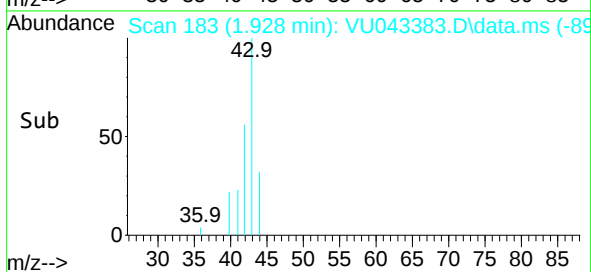
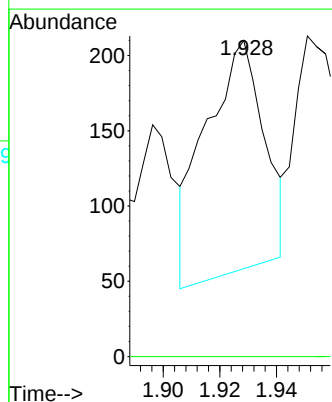
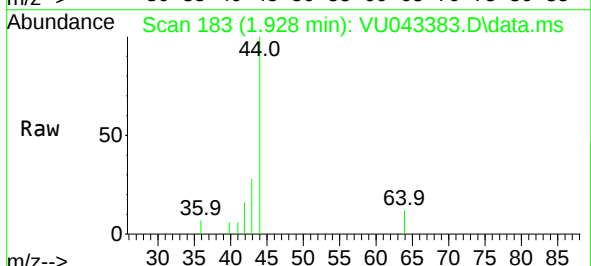
Instrument :  
 MSVOA\_U  
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 PILOT-PLANT-PROCESS-BLEED

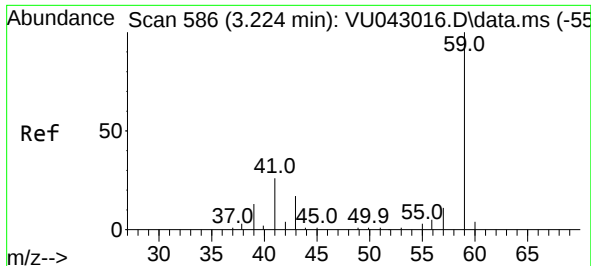
Tgt Ion: 62 Resp: 16167  
 Ion Ratio Lower Upper  
 62 100  
 64 32.8 25.2 37.8



#6  
 Chloroethane  
 Concen: 0.21 ug/l  
 RT: 1.928 min Scan# 183  
 Delta R.T. 0.003 min  
 Lab File: VU043383.D  
 Acq: 28 Apr 2021 14:08

Tgt Ion: 64 Resp: 220  
 Ion Ratio Lower Upper  
 64 100  
 66 0.0 26.4 39.6#



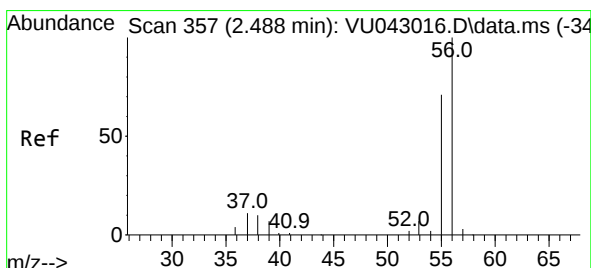
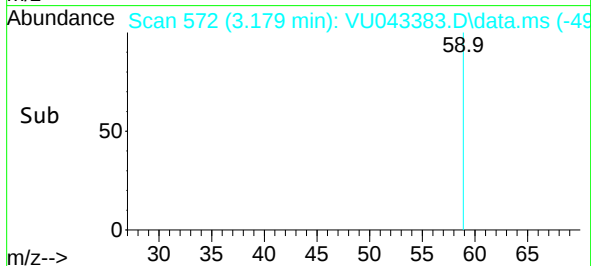
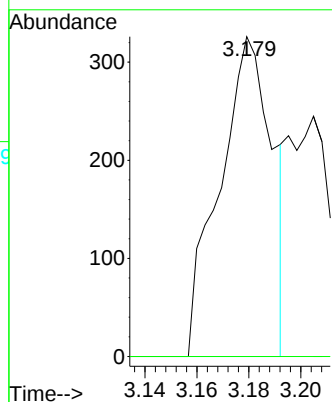
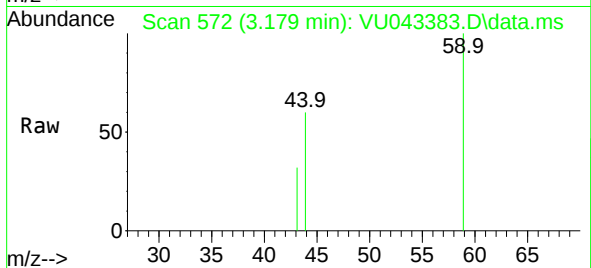


#11

Tert butyl alcohol  
Concen: 0.93 ug/l  
RT: 3.179 min Scan# 572  
Delta R.T. -0.045 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

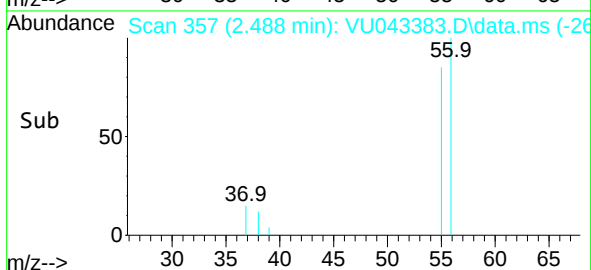
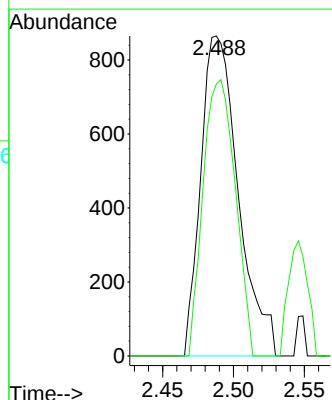
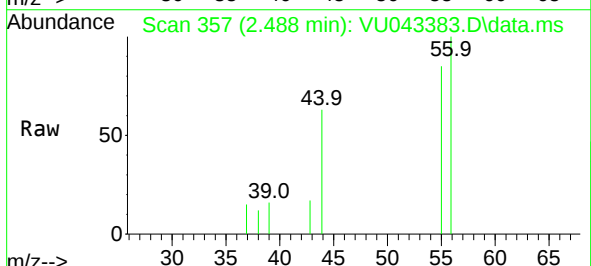
Tgt Ion: 59 Resp: 460  
Ion Ratio Lower Upper  
59 100  
57 0.0 1.6 2.4#

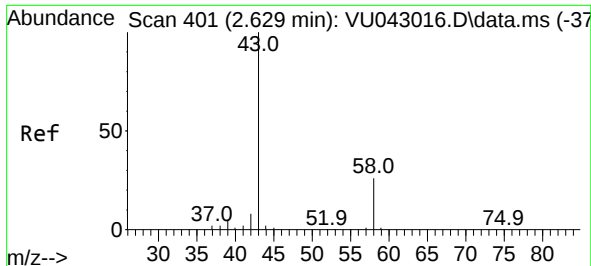


#13

Acrolein  
Concen: 15.38 ug/l  
RT: 2.488 min Scan# 357  
Delta R.T. -0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion: 56 Resp: 1597  
Ion Ratio Lower Upper  
56 100  
55 73.8 57.3 85.9

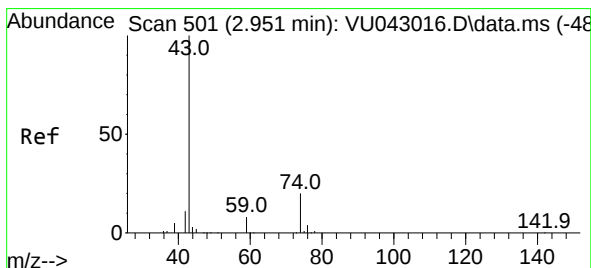
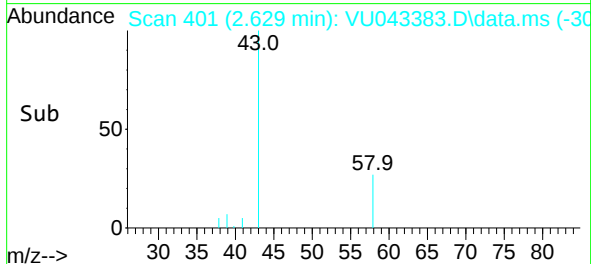
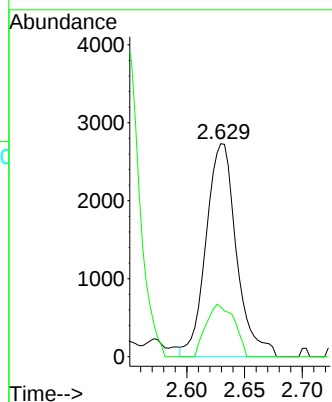
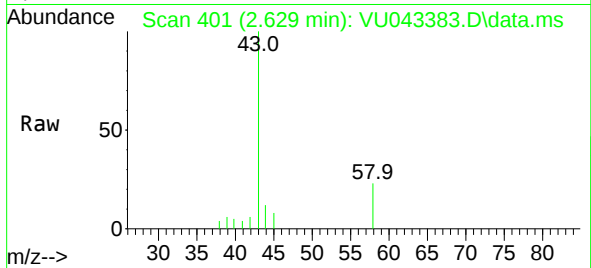




#16  
Acetone  
Concen: 4.13 ug/l  
RT: 2.629 min Scan# 401  
Delta R.T. 0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

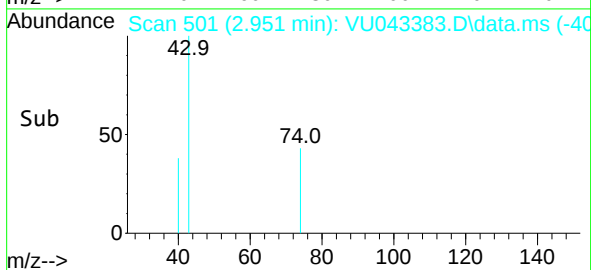
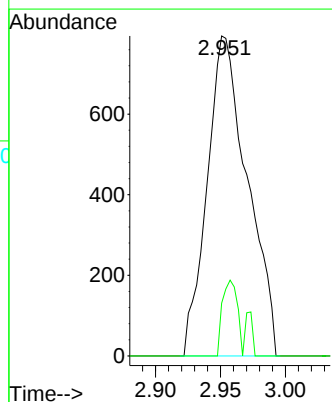
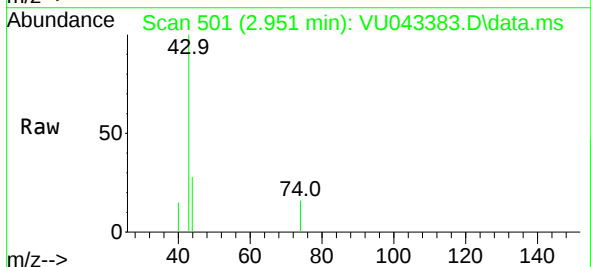
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

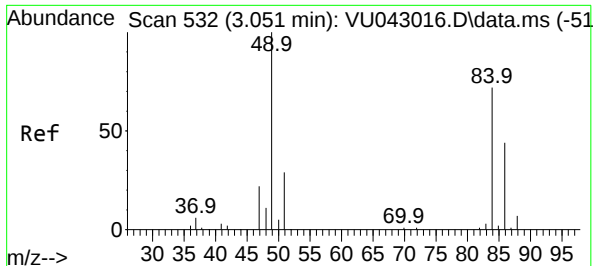
Tgt Ion: 43 Resp: 5007  
Ion Ratio Lower Upper  
43 100  
58 23.4 21.5 32.3



#18  
Methyl Acetate  
Concen: 0.71 ug/l  
RT: 2.951 min Scan# 501  
Delta R.T. -0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion: 43 Resp: 1713  
Ion Ratio Lower Upper  
43 100  
74 8.7 16.6 25.0#





#20

Methylene Chloride

Concen: 0.24 ug/l

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

Tgt Ion: 84 Resp: 326

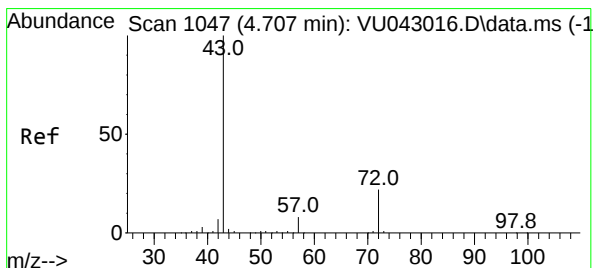
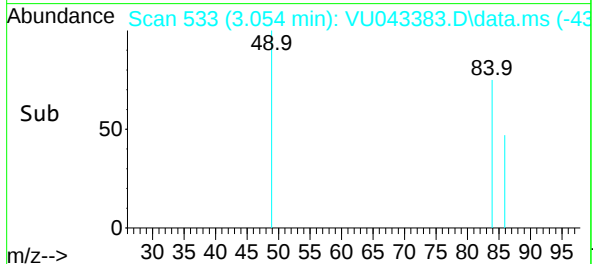
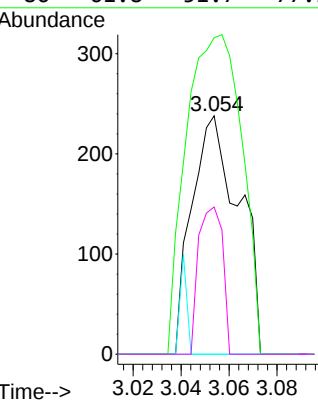
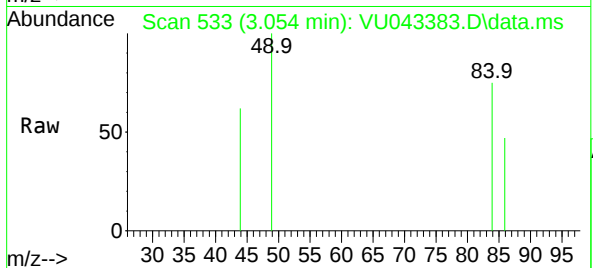
Ion Ratio Lower Upper

84 100

49 132.8 112.6 169.0

51 0.0 33.7 50.5#

86 61.8 51.7 77.5



#25

2-Butanone

Concen: 3.16 ug/l

RT: 4.716 min Scan# 1050

Delta R.T. 0.009 min

Lab File: VU043383.D

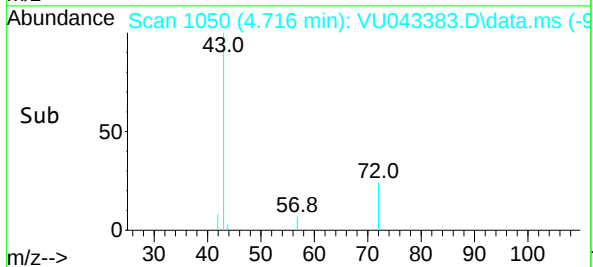
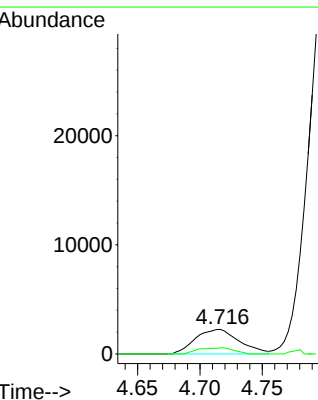
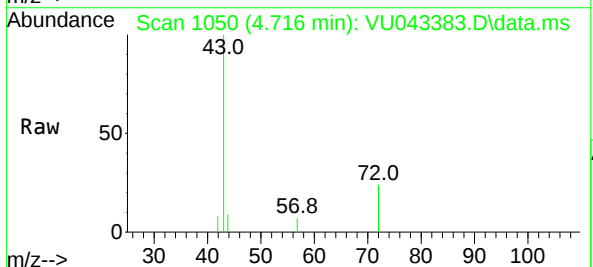
Acq: 28 Apr 2021 14:08

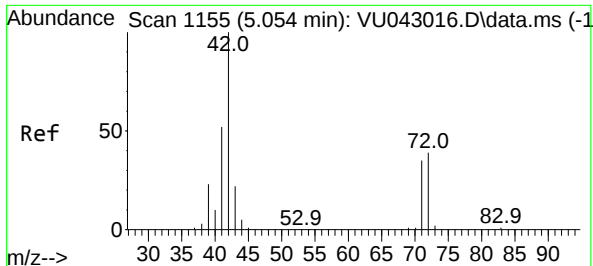
Tgt Ion: 43 Resp: 5518

Ion Ratio Lower Upper

43 100

72 24.4 17.4 26.0





#29

Tetrahydrofuran

Concen: 37.11 ug/l

RT: 5.057 min Scan# 1156

Delta R.T. 0.003 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

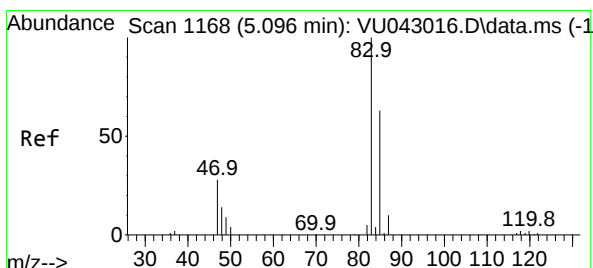
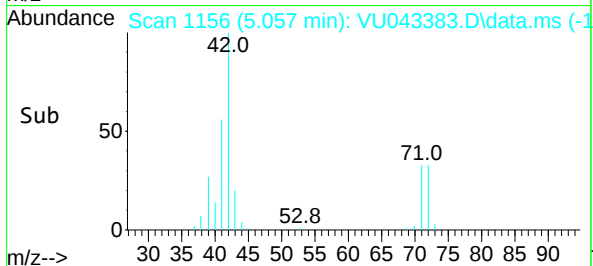
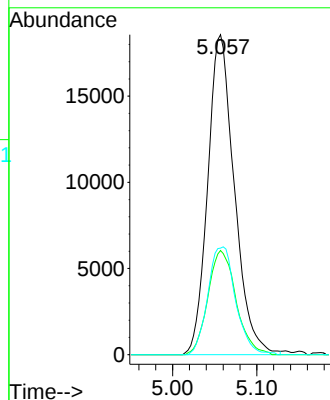
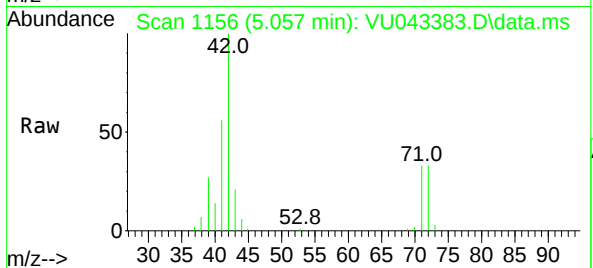
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 42    | Resp: | 40772 |
| Ion Ratio | Lower | Upper |       |
| 42        | 100   |       |       |
| 72        | 34.4  | 31.5  | 47.3  |
| 71        | 35.1  | 29.5  | 44.3  |

Instrument :

MSVOA\_U

ClientSampleId :

PILOT-PLANT-PROCESS-BLEED



#30

Chloroform

Concen: 0.78 ug/l

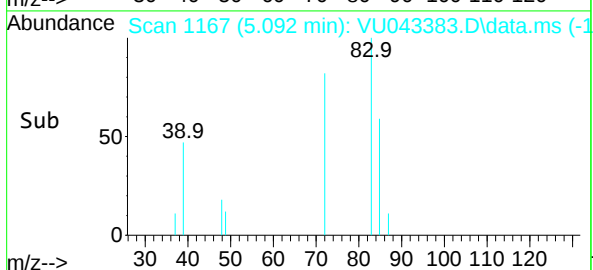
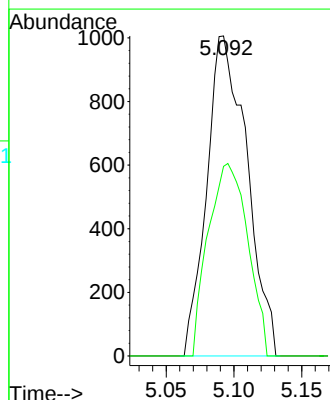
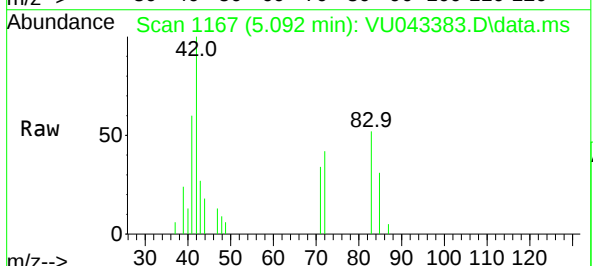
RT: 5.092 min Scan# 1167

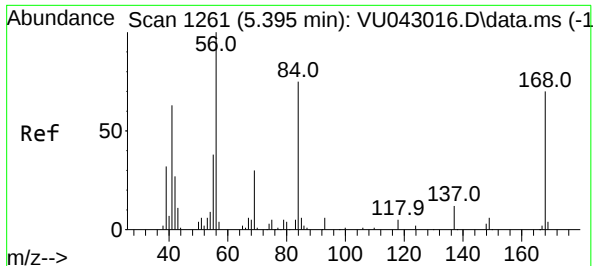
Delta R.T. -0.004 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 83    | Resp: | 2072 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 85        | 59.2  | 54.6  | 81.8 |





#31

Cyclohexane

Concen: 1.26 ug/l

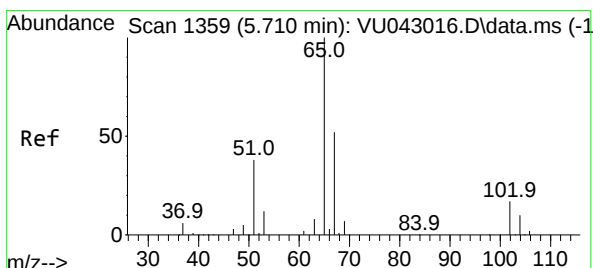
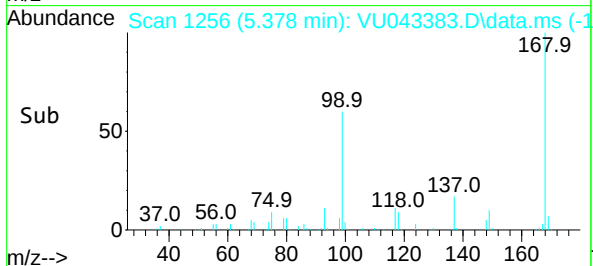
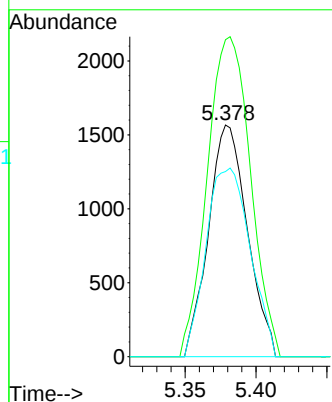
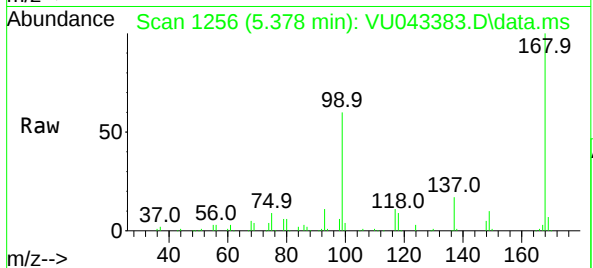
RT: 5.378 min Scan# 1256

Delta R.T. -0.017 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 2980  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 136.8 | 24.9  | 37.3# |
| 84       | 79.9  | 63.7  | 95.5  |



#33

1,2-Dichloroethane-d4

Concen: 55.75 ug/l

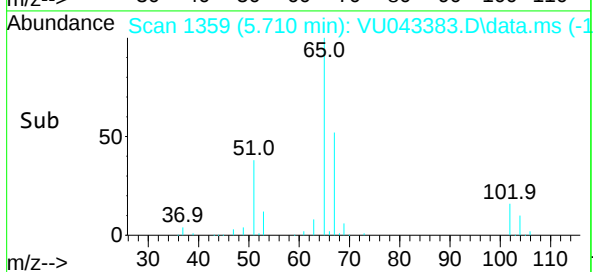
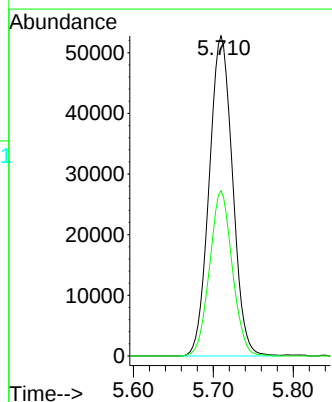
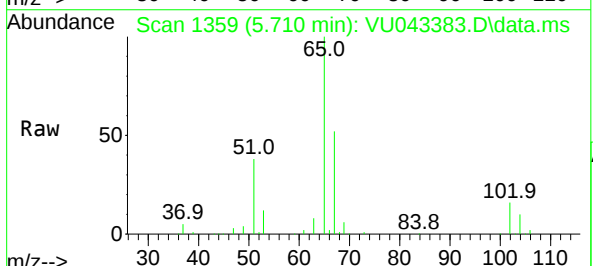
RT: 5.710 min Scan# 1359

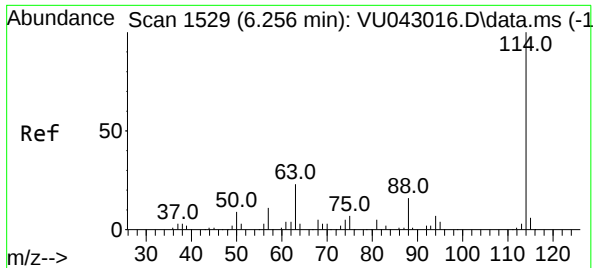
Delta R.T. -0.000 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 107094 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 50.1  | 0.0   | 99.8   |

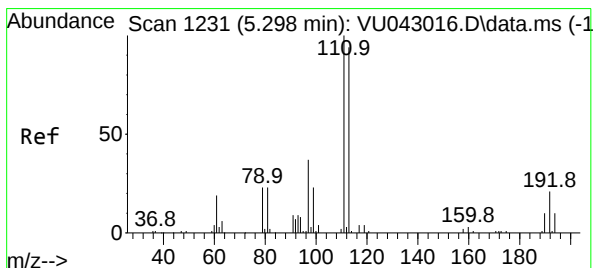
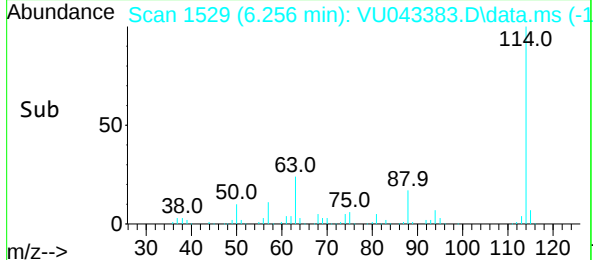
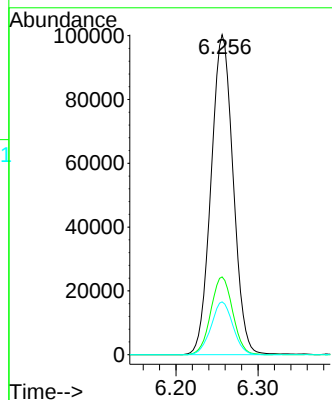
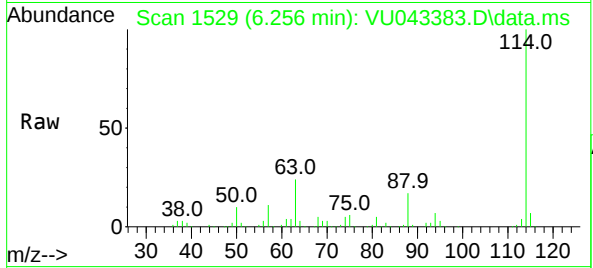




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 6.256 min Scan# 1529  
Delta R.T. 0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

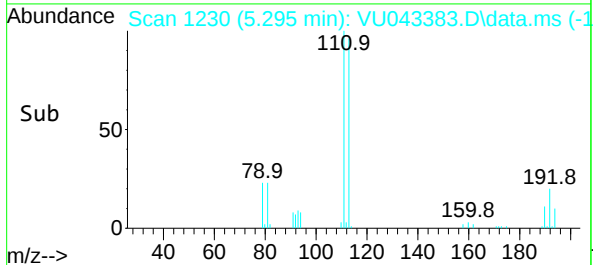
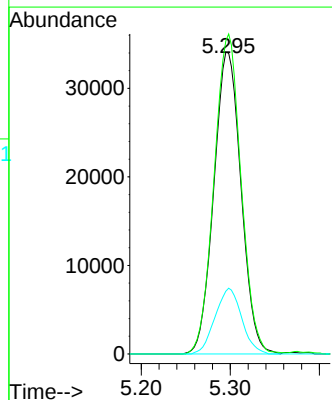
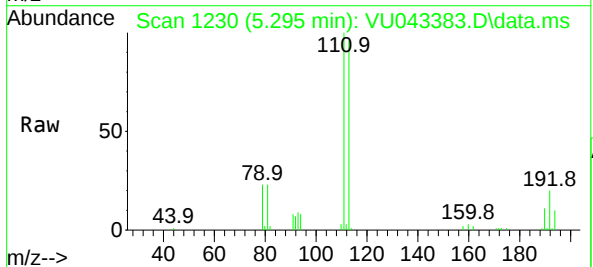
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

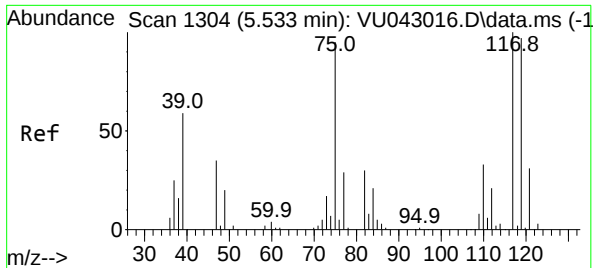
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 114   | Resp: | 187522 |
| Ion Ratio | Lower | Upper |        |
| 114       | 100   |       |        |
| 63        | 24.3  | 0.0   | 44.2   |
| 88        | 16.5  | 0.0   | 33.4   |



#35  
Dibromofluoromethane  
Concen: 51.37 ug/l  
RT: 5.295 min Scan# 1230  
Delta R.T. -0.003 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 113   | Resp: | 72382 |
| Ion Ratio | Lower | Upper |       |
| 113       | 100   |       |       |
| 111       | 105.0 | 81.8  | 122.8 |
| 192       | 21.2  | 17.2  | 25.8  |



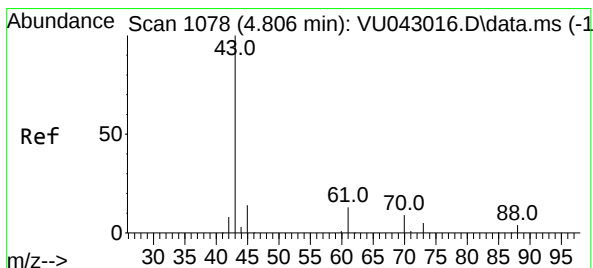
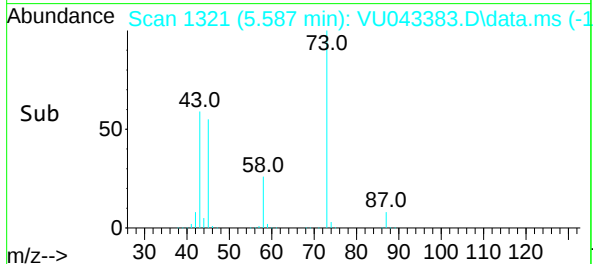
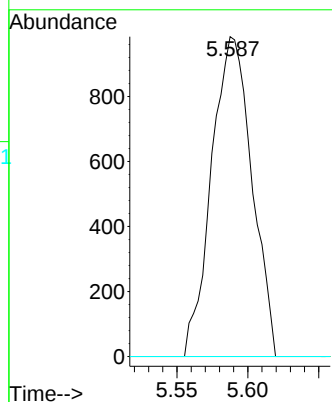
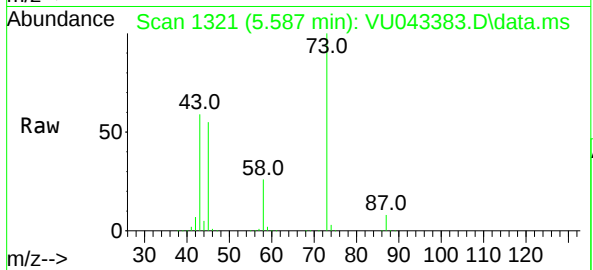


#36

1,1-Dichloropropene  
Concen: 0.98 ug/l  
RT: 5.587 min Scan# 1321  
Delta R.T. 0.054 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

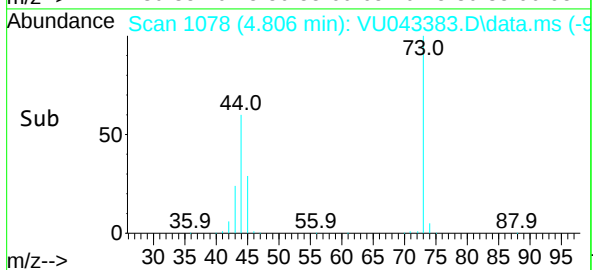
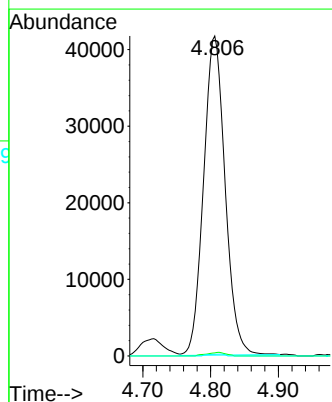
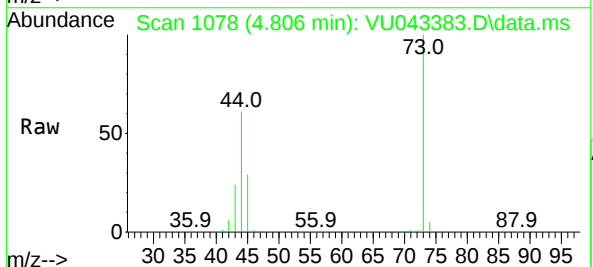
Tgt Ion: 75 Resp: 1951  
Ion Ratio Lower Upper  
75 100  
110 0.0 16.8 50.3#  
77 0.0 24.8 37.2#

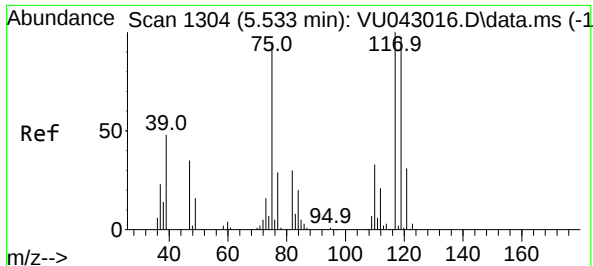


#37

Ethyl Acetate  
Concen: 27.04 ug/l  
RT: 4.806 min Scan# 1078  
Delta R.T. 0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

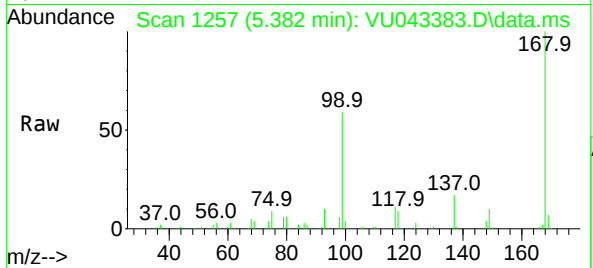
Tgt Ion: 43 Resp: 91973  
Ion Ratio Lower Upper  
43 100  
61 1.0 10.1 15.1#  
70 0.5 7.2 10.8#



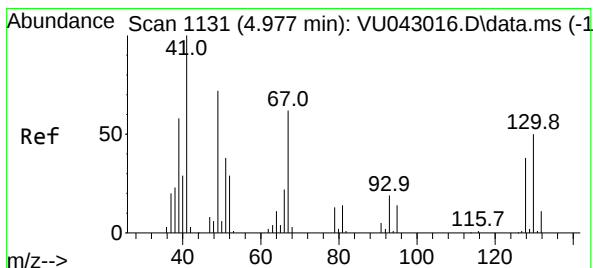
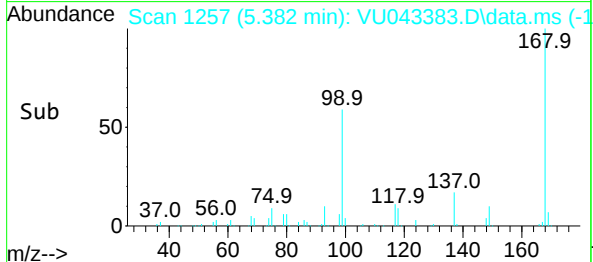
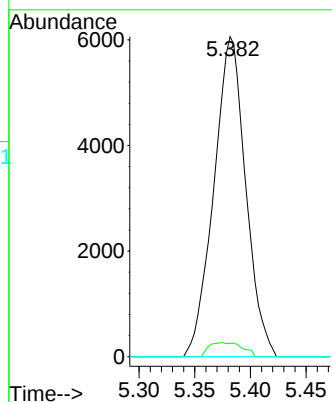


#38  
Carbon Tetrachloride  
Concen: 5.66 ug/l  
RT: 5.382 min Scan# 1257  
Delta R.T. -0.151 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

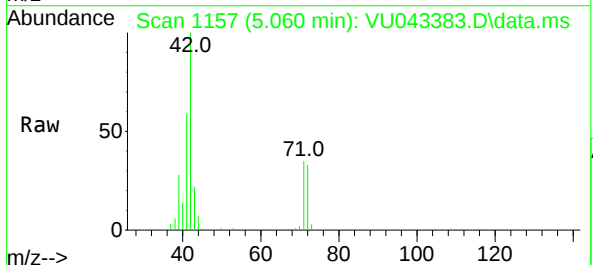
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED



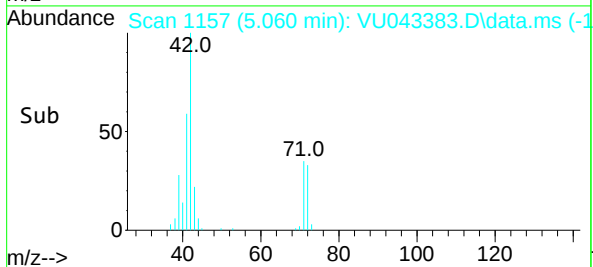
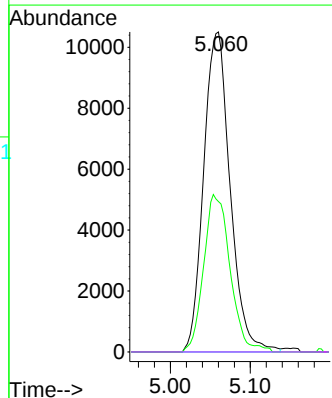
Tgt Ion: 117 Resp: 12064  
Ion Ratio Lower Upper  
117 100  
119 4.1 75.5 113.3#  
121 0.0 24.7 37.1#

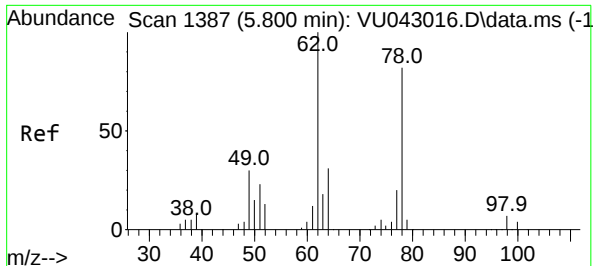


#41  
Methacrylonitrile  
Concen: 13.52 ug/l  
RT: 5.060 min Scan# 1157  
Delta R.T. 0.083 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08



Tgt Ion: 41 Resp: 24181  
Ion Ratio Lower Upper  
41 100  
39 49.3 45.1 67.7  
67 0.0 50.2 75.2#  
52 0.0 22.1 33.1#





#42

1,2-Dichloroethane

Concen: 0.66 ug/l

RT: 5.803 min Scan# 1388

Delta R.T. 0.003 min

Lab File: VU043383.D

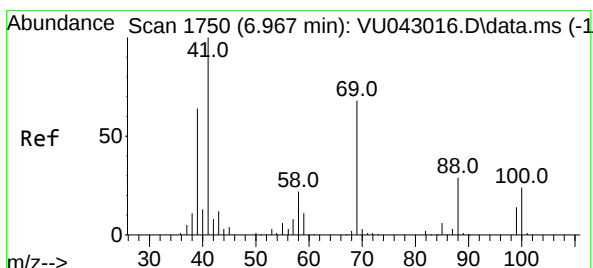
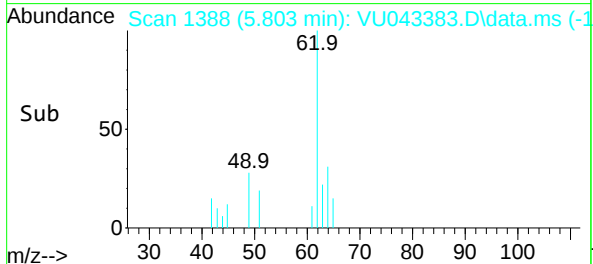
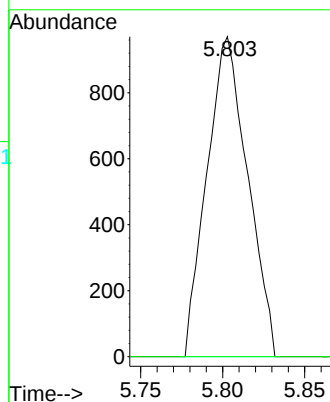
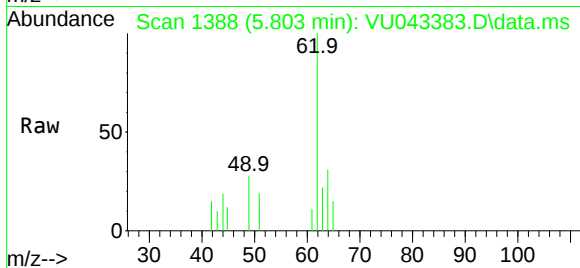
Acq: 28 Apr 2021 14:08

Tgt Ion: 62 Resp: 1673

Ion Ratio Lower Upper

62 100

98 0.0 0.0 14.8



#48

Methyl methacrylate

Concen: 0.22 ug/l

RT: 6.970 min Scan# 1751

Delta R.T. 0.003 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

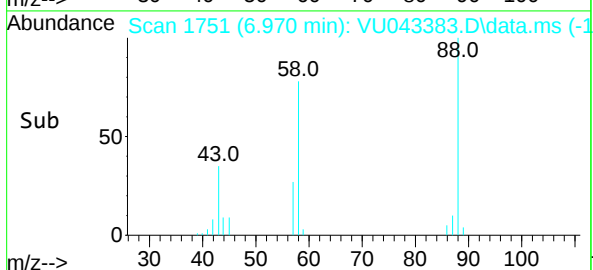
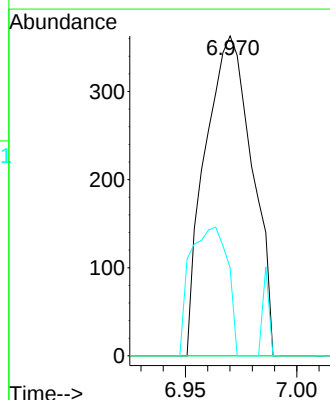
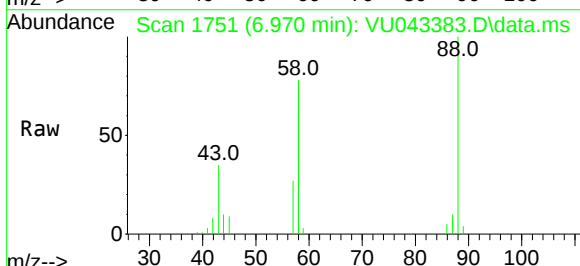
Tgt Ion: 41 Resp: 534

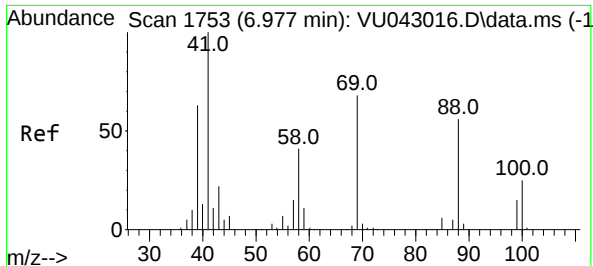
Ion Ratio Lower Upper

41 100

69 0.0 57.0 85.6#

39 31.8 48.4 72.6#





#49

1,4-Dioxane

Concen: 469.92 ug/l

RT: 6.967 min Scan# 1750

Delta R.T. -0.010 min

Lab File: VU043383.D

Acq: 28 Apr 2021 14:08

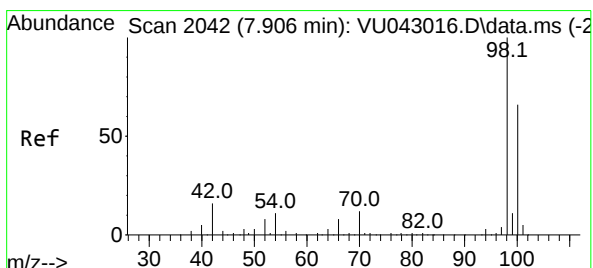
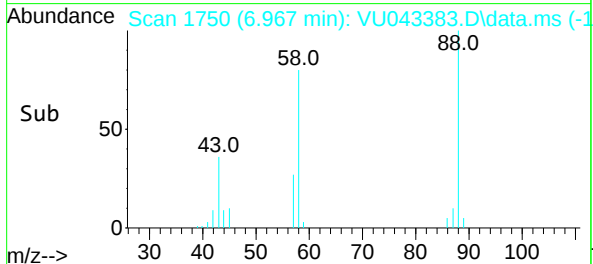
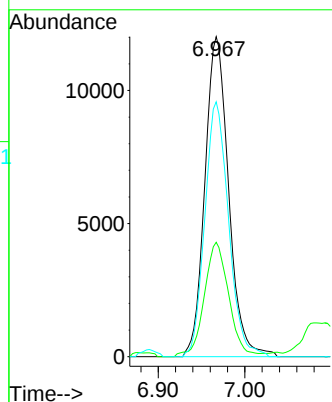
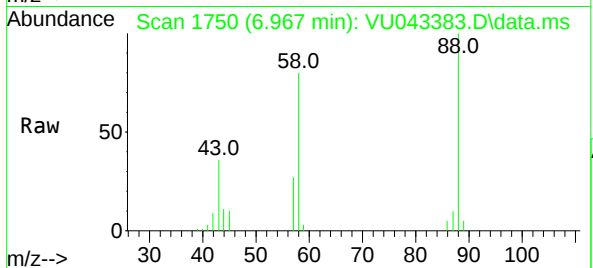
Tgt Ion: 88 Resp: 22931

Ion Ratio Lower Upper

88 100

43 36.7 0.0 0.0#

58 79.8 60.4 90.6



#50

Toluene-d8

Concen: 51.36 ug/l

RT: 7.906 min Scan# 2042

Delta R.T. -0.000 min

Lab File: VU043383.D

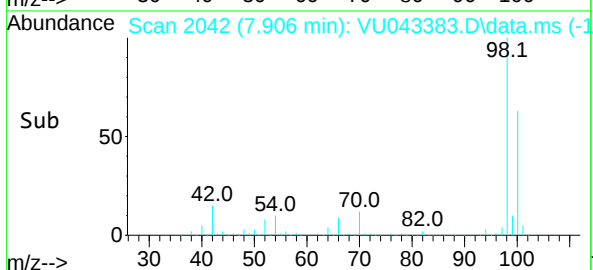
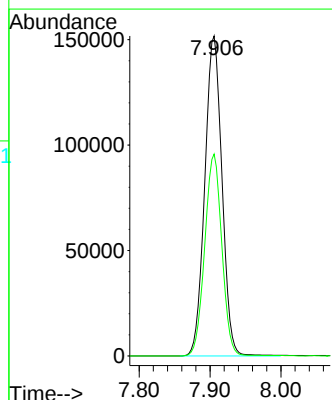
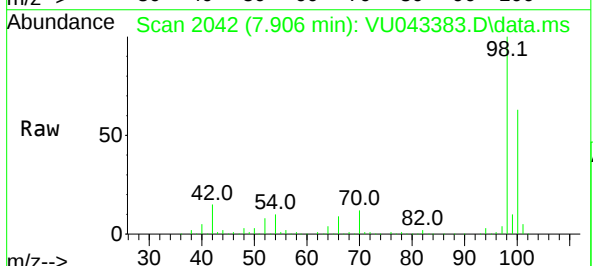
Acq: 28 Apr 2021 14:08

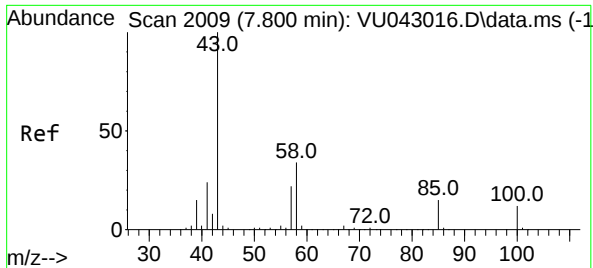
Tgt Ion: 98 Resp: 256092

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.2

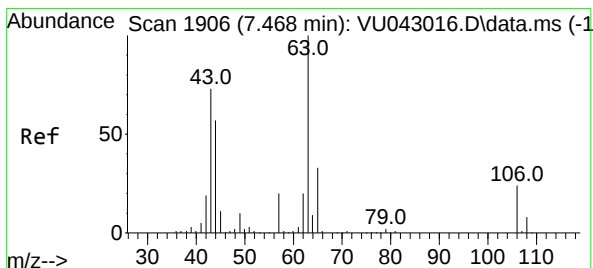
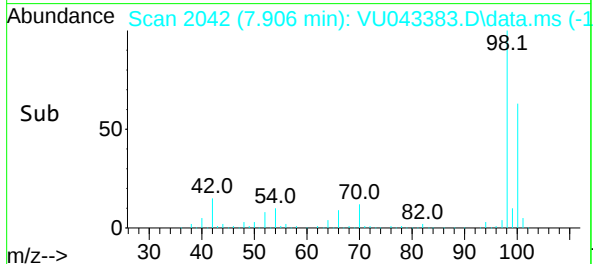
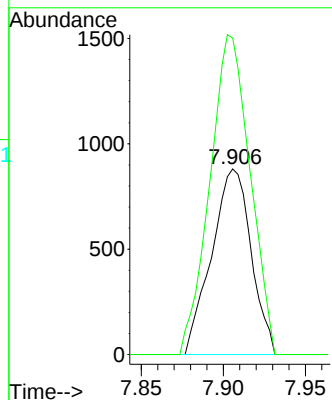
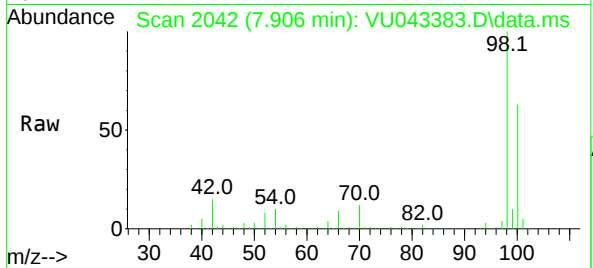




#51  
4-Methyl-2-Pentanone  
Concen: 0.41 ug/l  
RT: 7.906 min Scan# 2042  
Delta R.T. 0.106 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

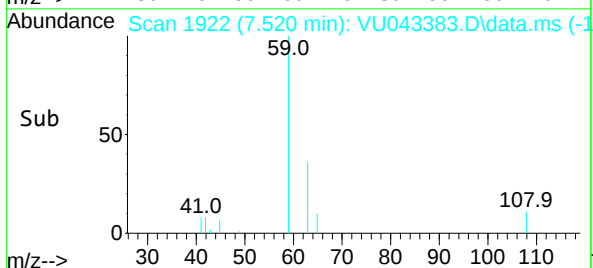
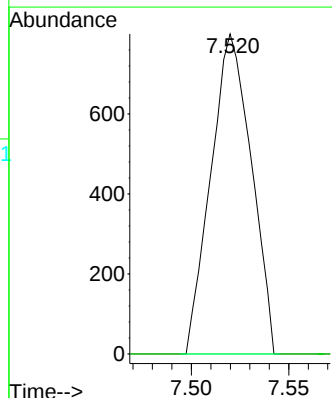
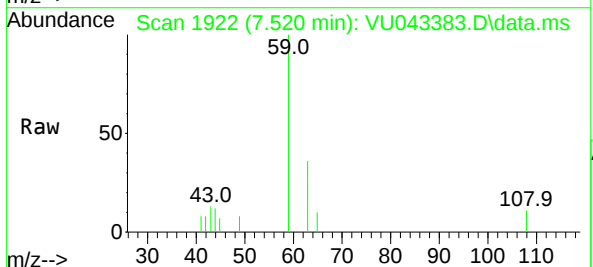
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

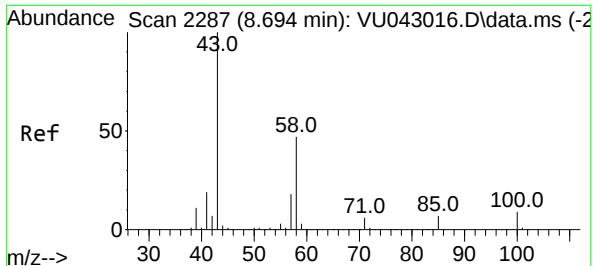
Tgt Ion: 43 Resp: 1473  
Ion Ratio Lower Upper  
43 100  
58 174.9 28.1 42.1#



#58  
2-Chloroethyl Vinyl ether  
Concen: 8.39 ug/l  
RT: 7.520 min Scan# 1922  
Delta R.T. 0.052 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion: 63 Resp: 1156  
Ion Ratio Lower Upper  
63 100  
106 0.0 20.3 30.5#

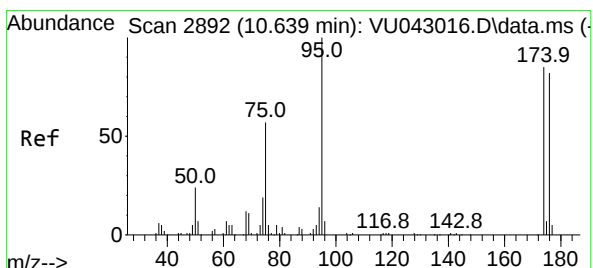
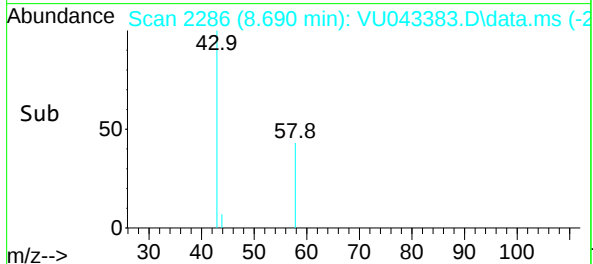
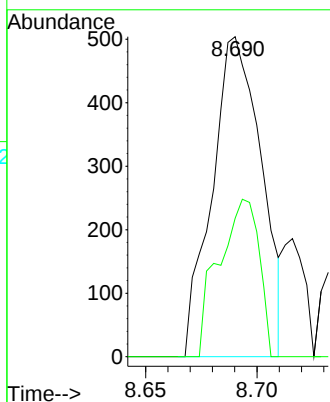
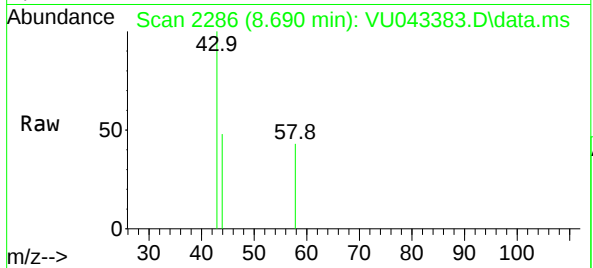




#59  
2-Hexanone  
Concen: 0.26 ug/l  
RT: 8.690 min Scan# 2286  
Delta R.T. -0.004 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

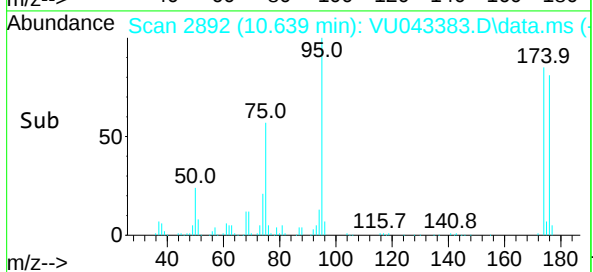
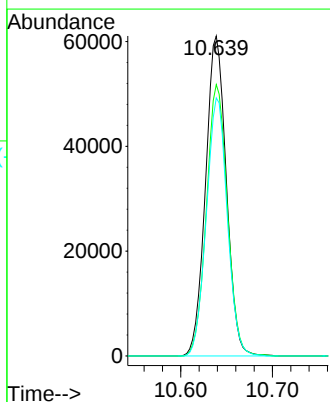
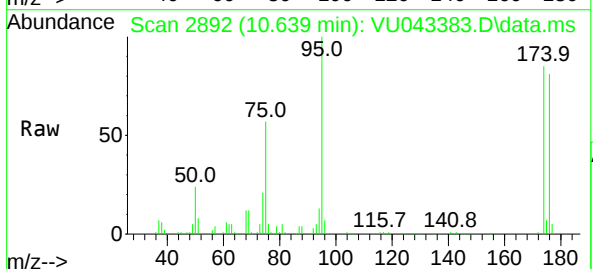
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

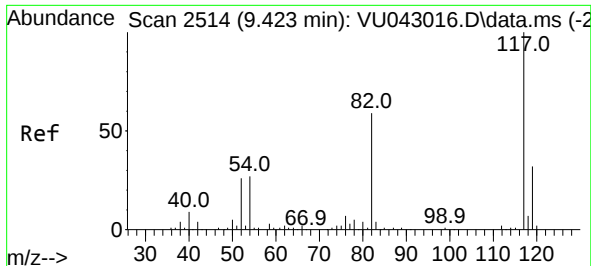
Tgt Ion: 43 Resp: 776  
Ion Ratio Lower Upper  
43 100  
58 40.2 24.0 72.0



#62  
4-Bromofluorobenzene  
Concen: 48.10 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion: 95 Resp: 96043  
Ion Ratio Lower Upper  
95 100  
174 85.8 0.0 172.2  
176 81.2 0.0 168.8

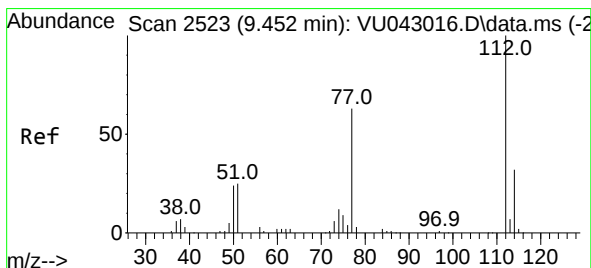
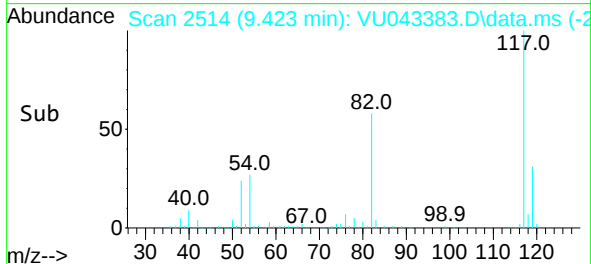
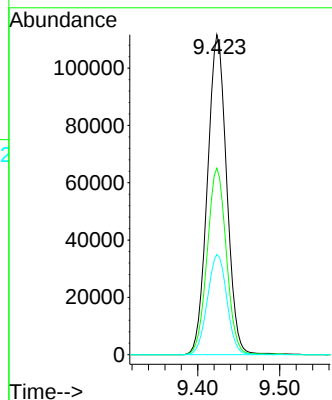
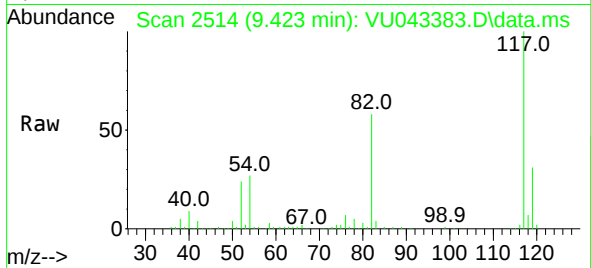




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.423 min Scan# 2514  
Delta R.T. 0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

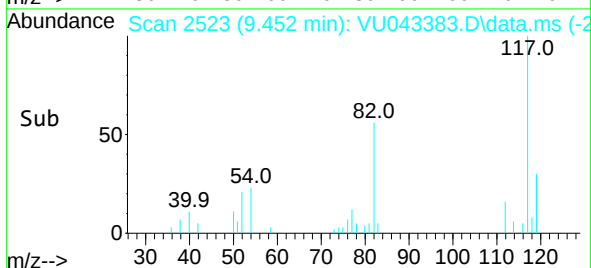
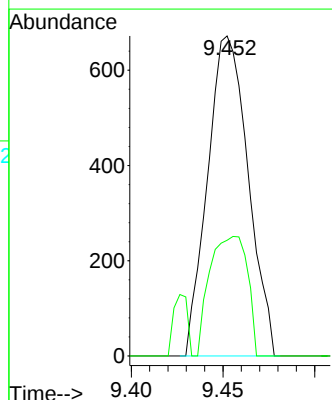
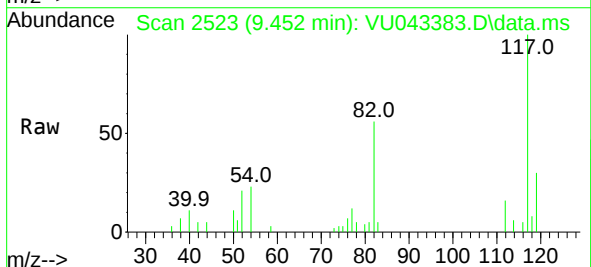
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

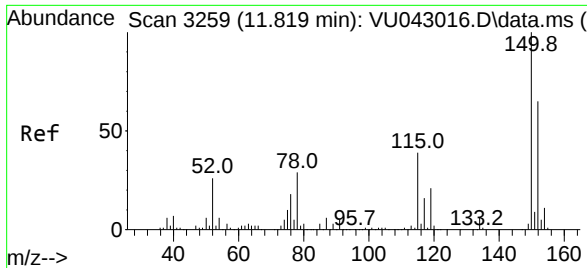
Tgt Ion:117 Resp: 181654  
Ion Ratio Lower Upper  
117 100  
82 58.3 45.8 68.6  
119 31.3 25.8 38.8



#65  
Chlorobenzene  
Concen: 0.27 ug/l  
RT: 9.452 min Scan# 2523  
Delta R.T. 0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion:112 Resp: 1033  
Ion Ratio Lower Upper  
112 100  
114 36.2 25.0 37.4

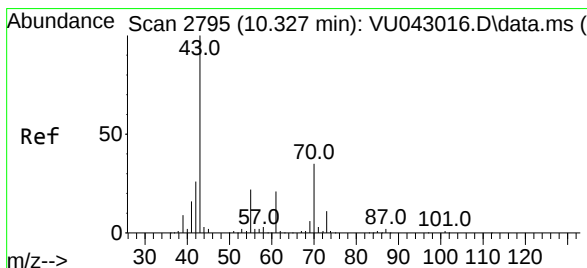
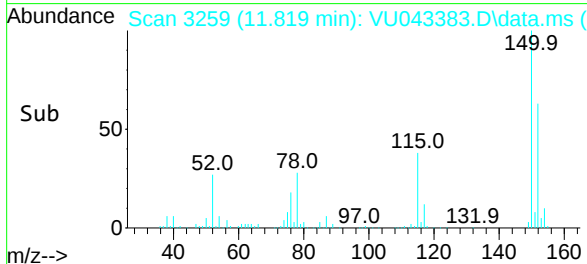
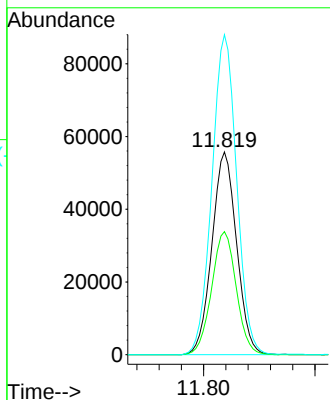
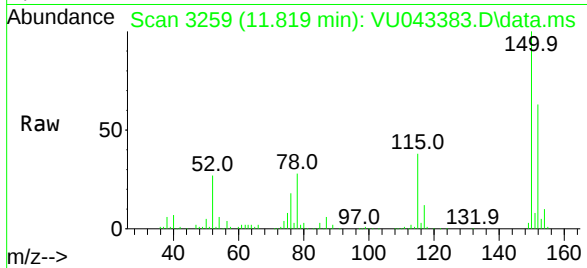




#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 11.819 min Scan# 3259  
Delta R.T. -0.000 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

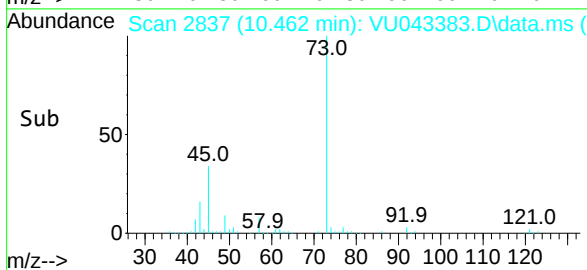
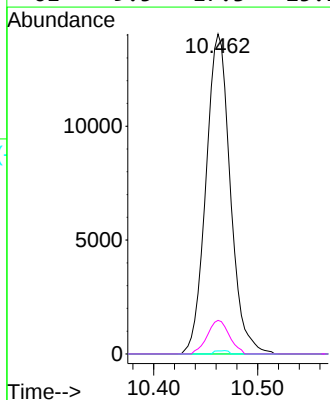
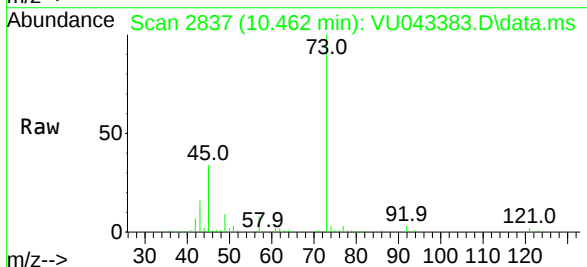
Instrument :  
MSVOA\_U  
ClientSampleId :  
PILOT-PLANT-PROCESS-BLEED

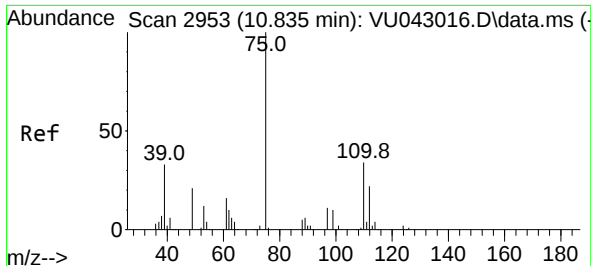
Tgt Ion:152 Resp: 85901  
Ion Ratio Lower Upper  
152 100  
115 60.5 41.5 124.6  
150 157.9 0.0 342.4



#74  
N-ethyl acetate  
Concen: 6.16 ug/l  
RT: 10.462 min Scan# 2837  
Delta R.T. 0.135 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

Tgt Ion: 43 Resp: 22831  
Ion Ratio Lower Upper  
43 100  
70 0.0 28.3 42.5#  
55 0.6 17.2 25.8#  
61 9.5 17.3 25.9#

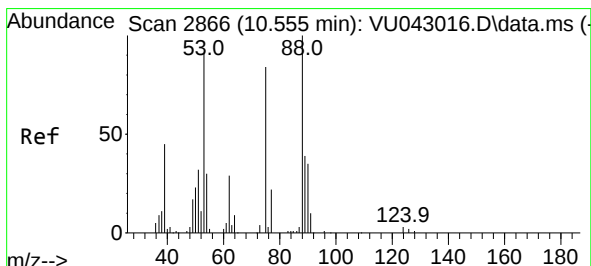
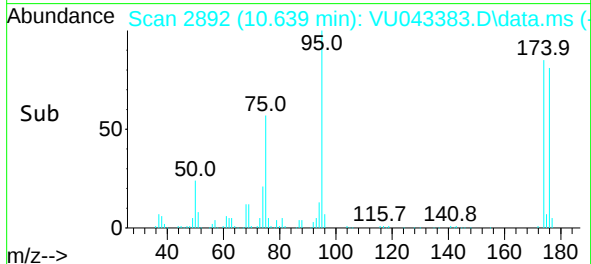
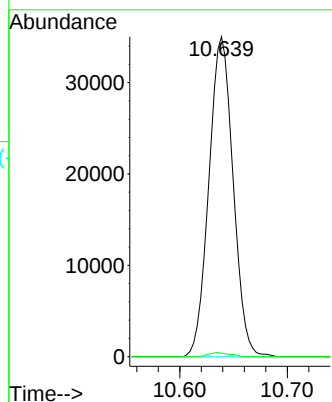
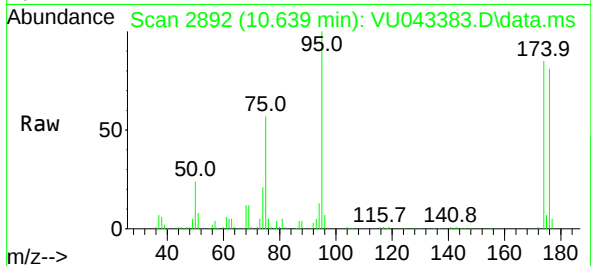




#76  
1,2,3-Trichloropropane  
Concen: 21.82 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. -0.196 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

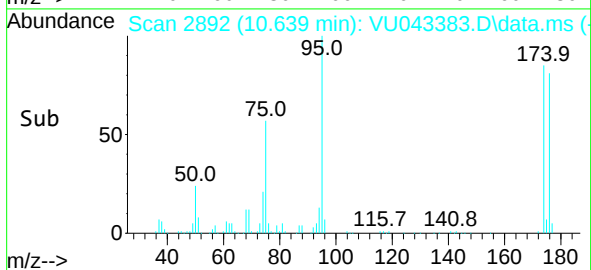
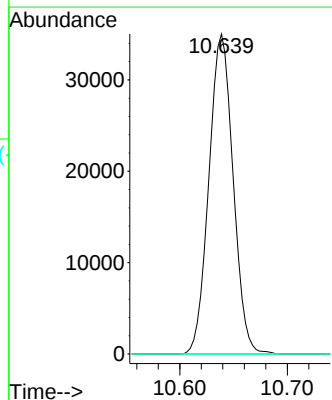
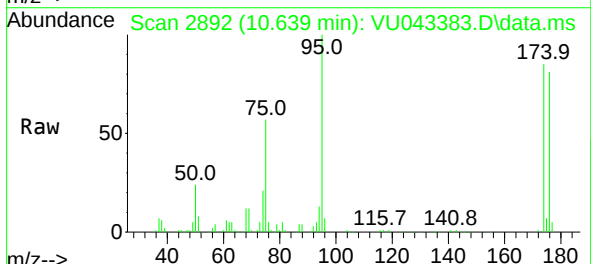
Instrument :  
MSVOA\_U  
ClientSampleId :  
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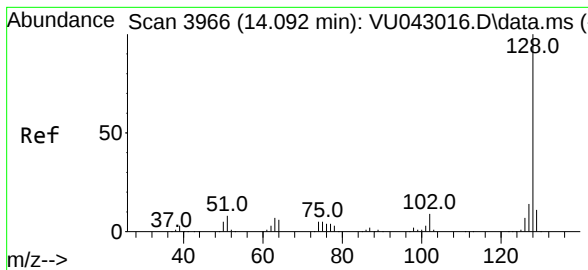
Tgt Ion: 75 Resp: 54773  
Ion Ratio Lower Upper  
75 100  
77 1.1 20.2 60.5#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 64.12 ug/l  
RT: 10.639 min Scan# 2892  
Delta R.T. 0.084 min  
Lab File: VU043383.D  
Acq: 28 Apr 2021 14:08

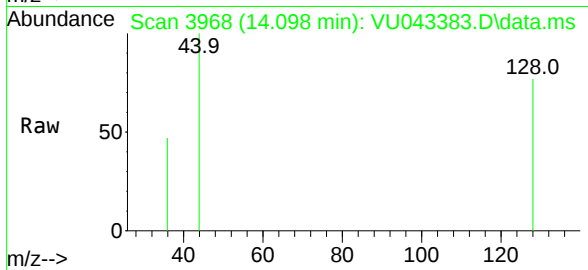
Tgt Ion: 75 Resp: 54773  
Ion Ratio Lower Upper  
75 100  
53 0.0 85.6 128.4#  
89 0.0 35.7 53.5#





#95  
 Naphthalene  
 Concen: 2.78 ug/l  
 RT: 14.098 min Scan# 3968  
 Delta R.T. 0.006 min  
 Lab File: VU043383.D  
 Acq: 28 Apr 2021 14:08

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PILOT-PLANT-PROCESS-BLEED



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 257   |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 0.0   | 10.8  | 16.2# |
| 129      | 0.0   | 8.6   | 13.0# |

