

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\  
 Data File : VU028156.D  
 Acq On : 15 Nov 2018 06:03  
 Operator : MD/SY  
 Sample : J5943-18  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Nov 15 08:18:03 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111418WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Thu Nov 15 06:14:20 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 129832   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 124565   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 60891    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 59597    | 5.53     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 110.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 44514    | 5.20     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 104.00% |
| 11) 1,1-Dichloroethene-d2      | 2.28   | 63    | 74114    | 3.68     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 73.60%  |
| 20) 2-Butanone-d5              | 4.22   | 46    | 183638   | 58.77    | ug/L | 0.03    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 117.54% |
| 24) Chloroform-d               | 4.65   | 84    | 82538    | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 96.40%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 48585    | 5.08     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 101.60% |
| 32) Benzene-d6                 | 5.34   | 84    | 170686   | 4.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 95.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 65877    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 103.00% |
| 41) Toluene-d8                 | 7.57   | 98    | 151327   | 4.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 91.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 18269    | 4.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 80.20%  |
| 46) 2-Hexanone-d5              | 8.32   | 63    | 139330   | 53.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 106.92% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 45837    | 5.07     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 101.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 53185    | 4.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 93.40%  |

## Target Compounds

|                                |      |     |         |              | Ovalue |
|--------------------------------|------|-----|---------|--------------|--------|
| 2) Dichlorodifluoromethane     | 1.43 | 85  | 1278    | 0.112 ug/L # | 75     |
| 3) Chloromethane               | 1.39 | 50  | 41189   | 2.814 ug/L # | 76     |
| 5) Vinyl chloride              | 1.40 | 62  | 1803323 | 129.675 ug/L | 97     |
| 10) 1,1,2-Trichloro-1,2,2-trif | 2.28 | 101 | 1273    | 0.149 ug/L # | 64     |
| 12) 1,1-Dichloroethene         | 2.29 | 96  | 9896    | 1.146 ug/L # | 1      |
| 13) Acetone                    | 2.35 | 43  | 1946    | 0.925 ug/L # | 39     |
| 15) Methyl Acetate             | 2.64 | 43  | 10117   | 1.798 ug/L # | 58     |
| 17) Methyl tert-butyl Ether    | 3.01 | 73  | 2053    | 0.085 ug/L # | 1      |
| 18) trans-1,2-Dichloroethene   | 2.98 | 96  | 24915   | 2.715 ug/L   | 98     |
| 19) 1,1-Dichloroethane         | 3.44 | 63  | 20804   | 1.078 ug/L   | 98     |
| 22) cis-1,2-Dichloroethene     | 4.23 | 96  | 3050749 | 301.481 ug/L | 97     |
| 27) 1,2-Dichloroethane         | 5.41 | 62  | 1061    | 0.093 ug/L # | 76     |
| 30) Cyclohexane                | 4.99 | 56  | 5890    | 0.298 ug/L # | 83     |
| 33) Benzene                    | 5.39 | 78  | 47545   | 1.133 ug/L   | 100    |
| 34) Trichloroethene            | 6.19 | 95  | 22085   | 2.129 ug/L   | 98     |
| 35) Methylcyclohexane          | 6.41 | 83  | 2904    | 0.163 ug/L # | 77     |
| 42) Toluene                    | 7.64 | 91  | 174868  | 4.041 ug/L   | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111418\  
Data File : VU028156.D  
Acq On : 15 Nov 2018 06:03  
Operator : MD/SY  
Sample : J5943-18  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 15 08:18:03 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111418WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Nov 15 06:14:20 2018  
Response via : Initial Calibration

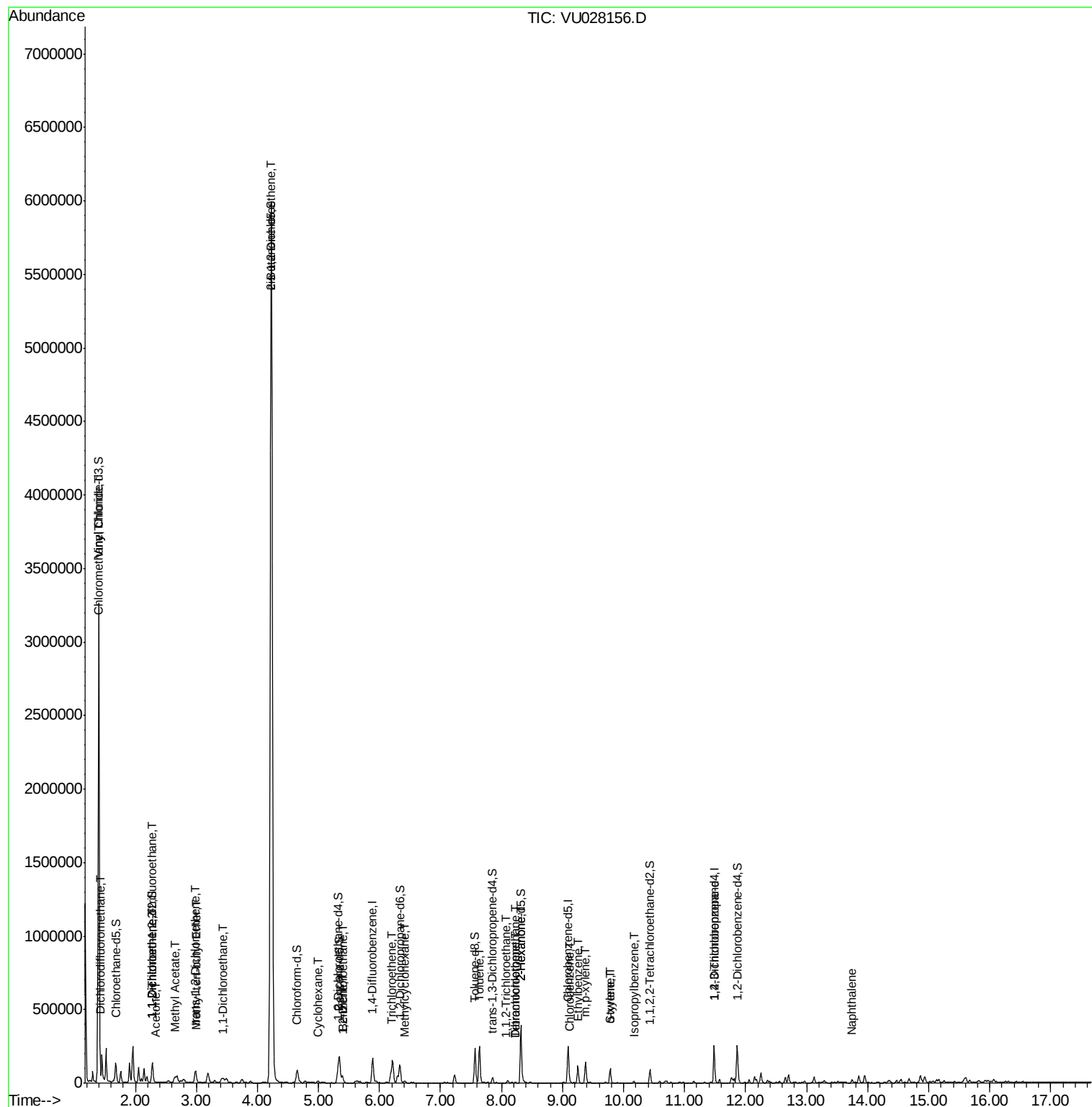
| Internal Standards         | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|----------------------------|-------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane  | 8.06  | 97   | 526      | 0.075 | ug/L # | 14       |
| 47) Tetrachloroethene      | 8.23  | 164  | 968      | 0.115 | ug/L   | 93       |
| 48) 2-Hexanone             | 8.31  | 43   | 16736    | 2.943 | ug/L # | 65       |
| 49) Dibromochloromethane   | 8.23  | 129  | 1025     | 0.137 | ug/L # | 11       |
| 51) Chlorobenzene          | 9.12  | 112  | 3728     | 0.147 | ug/L # | 89       |
| 52) Ethylbenzene           | 9.25  | 91   | 81229    | 1.720 | ug/L   | 97       |
| 53) m,p-xylene             | 9.38  | 106  | 38665    | 2.247 | ug/L   | 93       |
| 54) o-xylene               | 9.78  | 106  | 25526    | 1.541 | ug/L   | 97       |
| 55) Styrene                | 9.78  | 104  | 2149     | 0.077 | ug/L # | 1        |
| 56) Isopropylbenzene       | 10.17 | 105  | 7527     | 0.168 | ug/L   | 95       |
| 59) 1,2,3-Trichloropropane | 11.48 | 75   | 9007     | 1.382 | ug/L   | 96       |
| 69) Naphthalene            | 13.75 | 128  | 15691    | 0.654 | ug/L   | 96       |

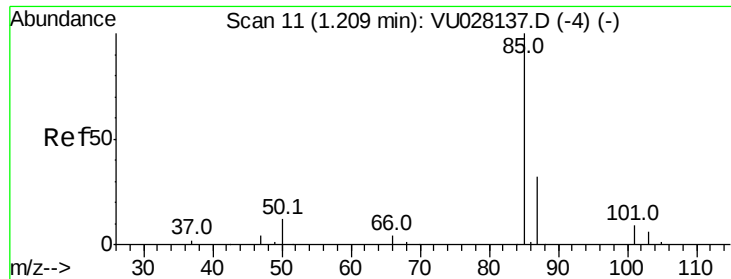
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU111418\  
Data File : VU028156.D  
Acq On : 15 Nov 2018 06:03  
Operator : MD/SY  
Sample : J5943-18  
Misc : 25.0mL/MSVOA U/WATER  
ALS Vial : 50 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

Quant Time: Nov 15 08:18:03 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR111418WMA.M  
Quant Title : TRACE VOA SOM01.0  
QLast Update : Thu Nov 15 06:14:20 2018  
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 0.112 ug/L

RT: 1.43 min Scan# 81

Delta R.T. 0.23 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

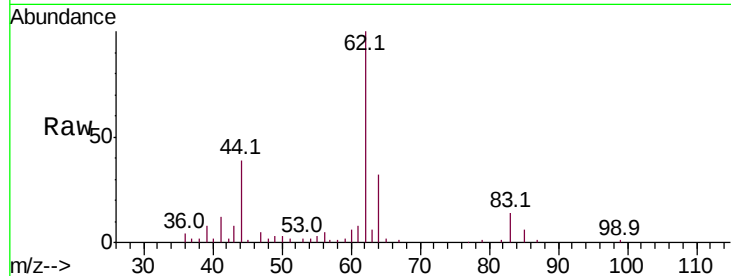
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 85 Resp: 1278

Ion Ratio Lower Upper

85 100

87 18.0 25.6 38.4#



Abundance Ion 85.00 (84.70 to 85.70): VU0

Ion 87.00 (86.70 to 87.70): VU0

1.43

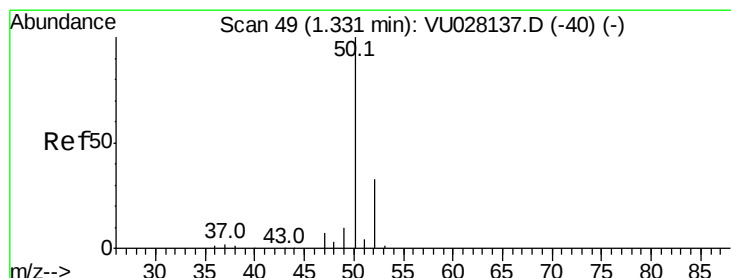
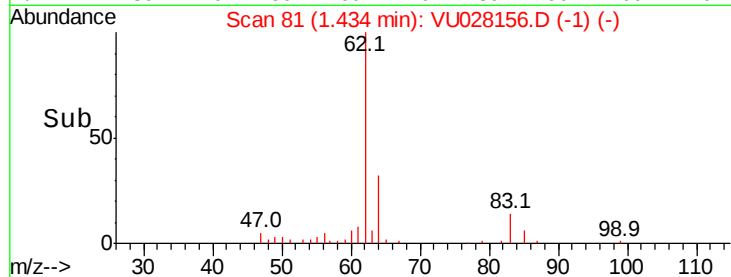
1500

1000

500

0

Time-->



#3

Chloromethane

Concen: 2.814 ug/L

RT: 1.39 min Scan# 67

Delta R.T. 0.06 min

Lab File: VU028156.D

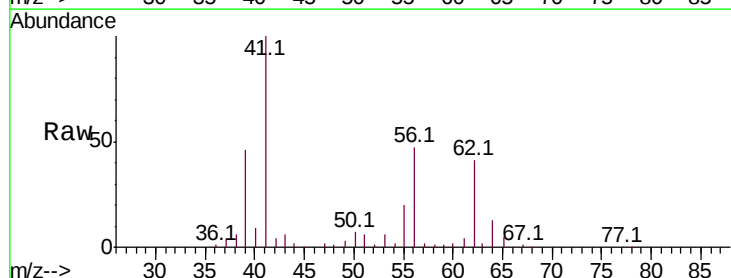
Acq: 15 Nov 2018 06:03

Tgt Ion: 50 Resp: 41189

Ion Ratio Lower Upper

50 100

52 19.4 23.0 42.6#



Abundance Ion 50.05 (49.75 to 50.75): VU0

Ion 52.05 (51.75 to 52.75): VU0

1.39

30000

25000

20000

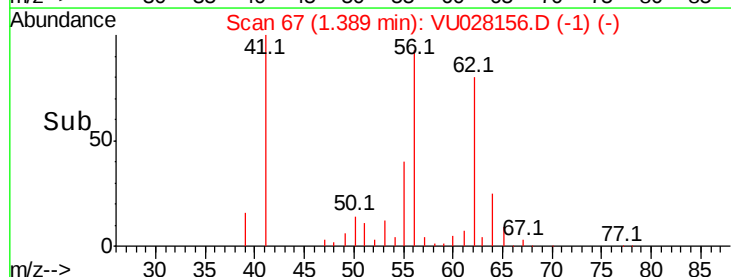
15000

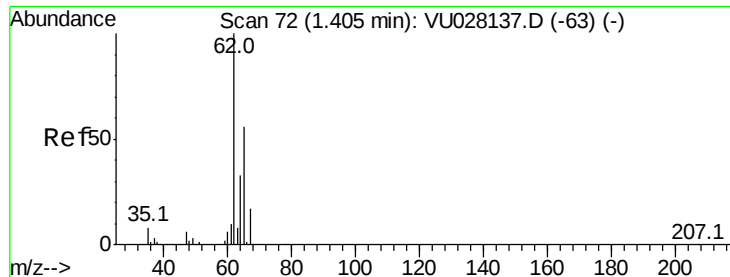
10000

5000

0

Time-->





#5

Vinyl chloride

Concen: 129.675 ug/L

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

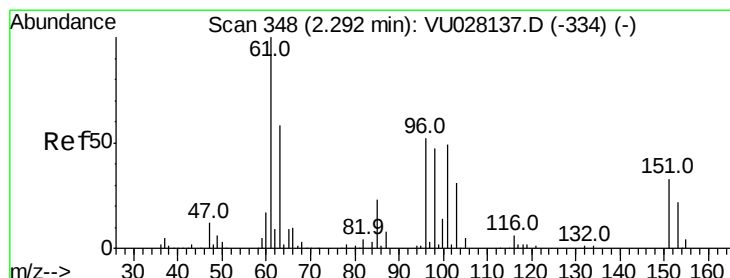
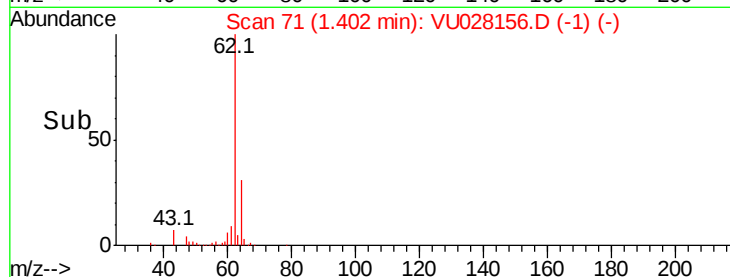
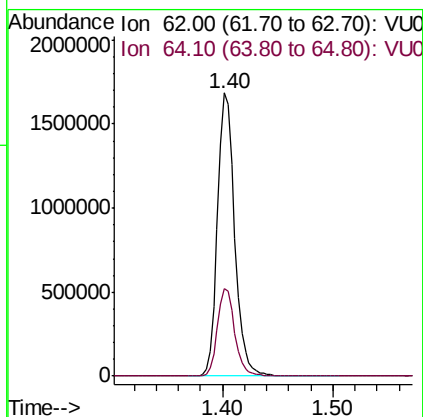
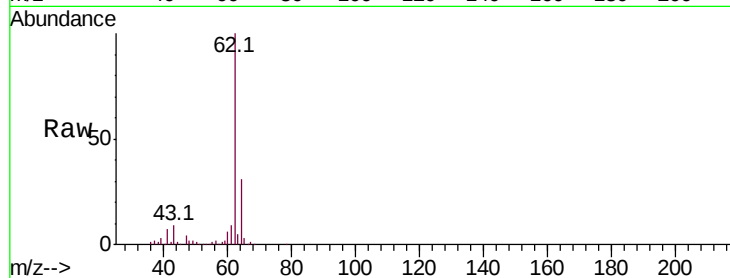
Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 62 Resp: 1803323

Ion Ratio Lower Upper

62 100

64 31.0 22.7 42.3



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.149 ug/L

RT: 2.28 min Scan# 344

Delta R.T. -0.01 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

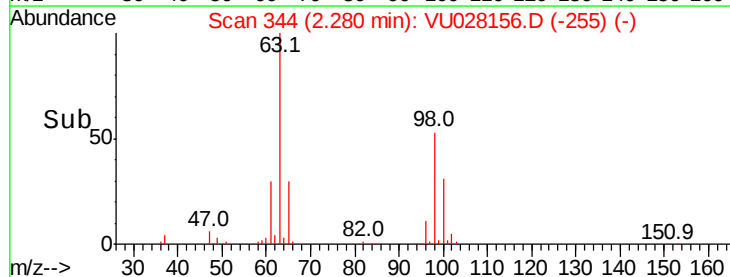
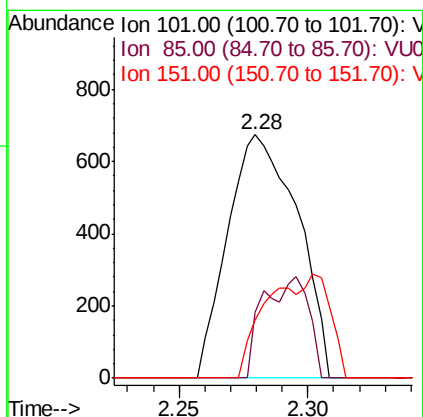
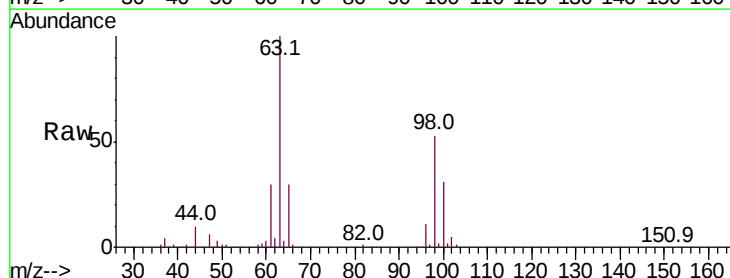
Tgt Ion:101 Resp: 1273

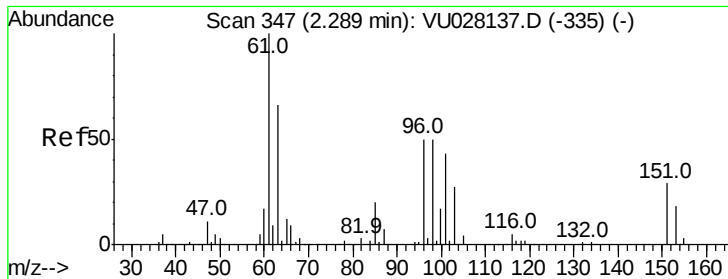
Ion Ratio Lower Upper

101 100

85 27.1 37.6 56.4#

151 38.9 58.2 87.2#





#12

1,1-Dichloroethene

Concen: 1.146 ug/L

RT: 2.29 min Scan# 346

Delta R.T. -0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Instrument :  
MSVOA\_U  
ClientSampled :

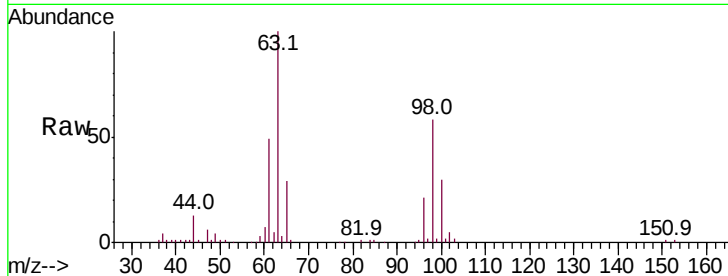
Tot Ion: 96 Resp: 9896

Ion Ratio Lower Upper

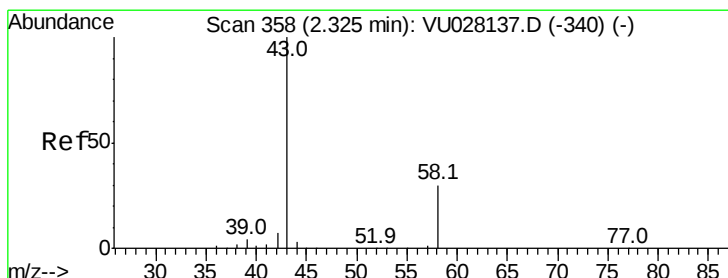
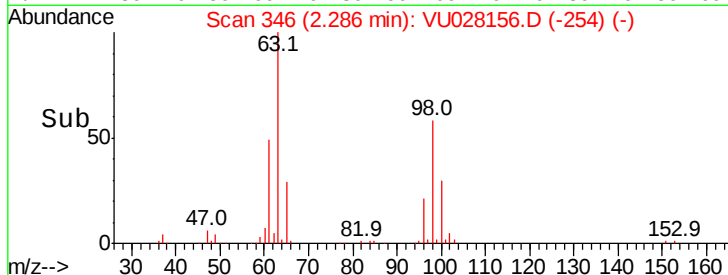
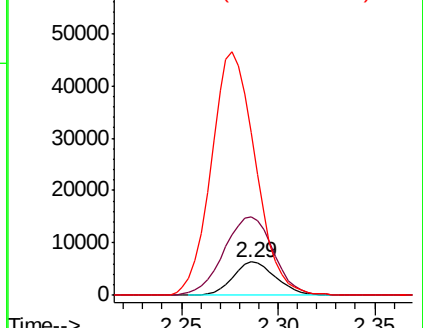
96 100

61 235.2 134.8 250.3

63 483.7 100.1 185.9#



Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.05 (60.75 to 61.75): VU0  
Ion 63.00 (62.70 to 63.70): VU0



#13

Acetone

Concen: 0.925 ug/L

RT: 2.35 min Scan# 365

Delta R.T. 0.02 min

Lab File: VU028156.D

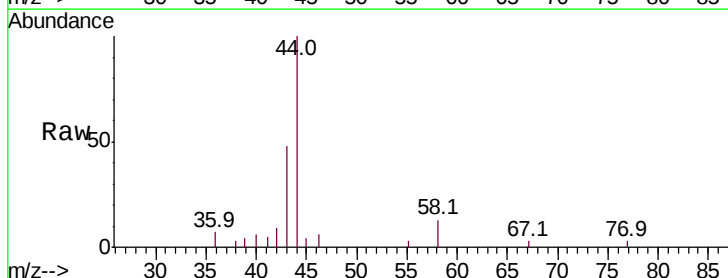
Acq: 15 Nov 2018 06:03

Tgt Ion: 43 Resp: 1946

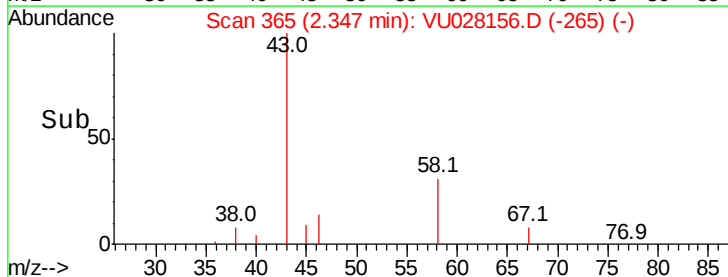
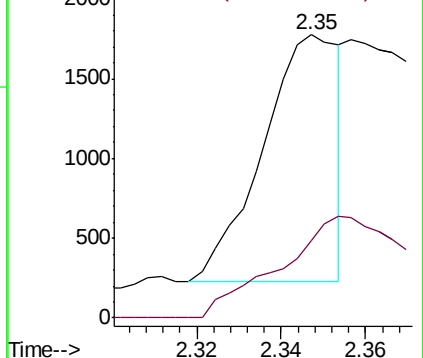
Ion Ratio Lower Upper

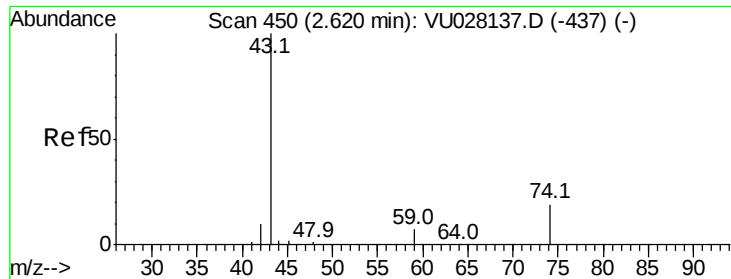
43 100

58 64.4 0.0 61.6#



Abundance Ion 43.05 (42.75 to 43.75): VU0  
Ion 58.05 (57.75 to 58.75): VU0





#15

Methyl Acetate

Concen: 1.798 ug/L

RT: 2.64 min Scan# 455

Delta R.T. 0.02 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Instrument :

MSVOA\_U

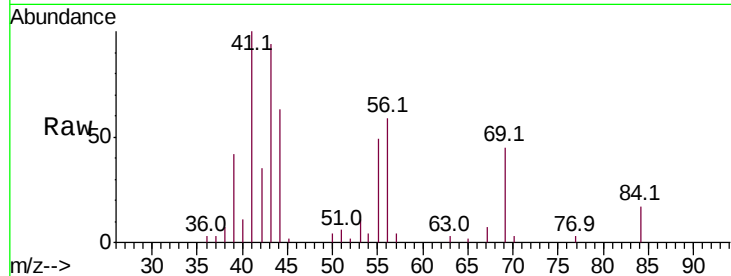
ClientSampled :

Tot Ion: 43 Resp: 10117

Ion Ratio Lower Upper

43 100

74 0.0 14.9 22.3#



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 74.05 (73.75 to 74.75): VU0

6000

5000

4000

3000

2000

1000

0

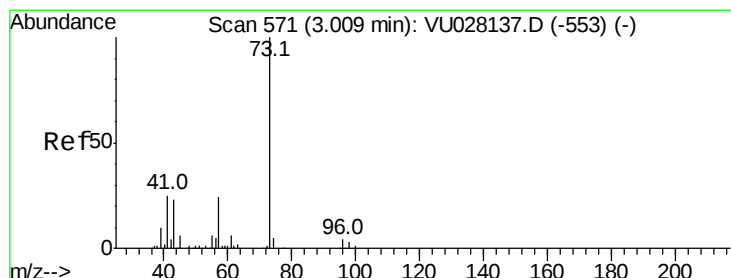
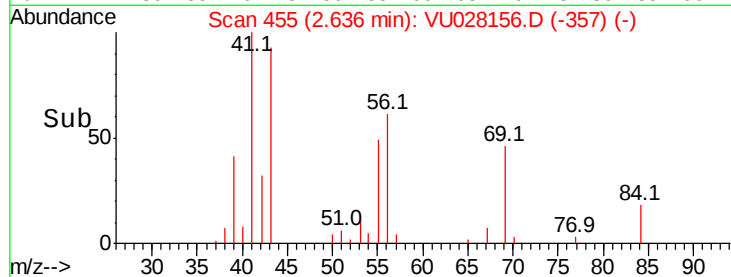
2.60

2.64

2.65

2.70

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.085 ug/L

RT: 3.01 min Scan# 570

Delta R.T. -0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

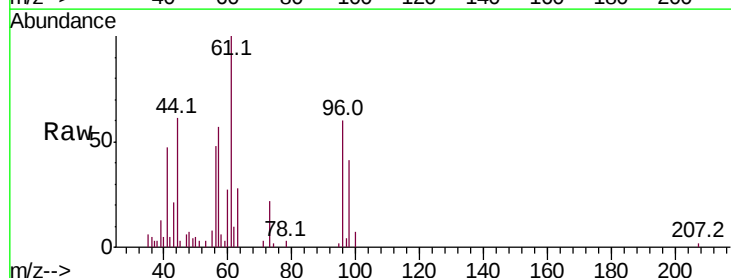
Tgt Ion: 73 Resp: 2053

Ion Ratio Lower Upper

73 100

43 132.0 18.1 27.1#

57 398.3 20.0 30.0#



Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0

5000

4000

3000

2000

1000

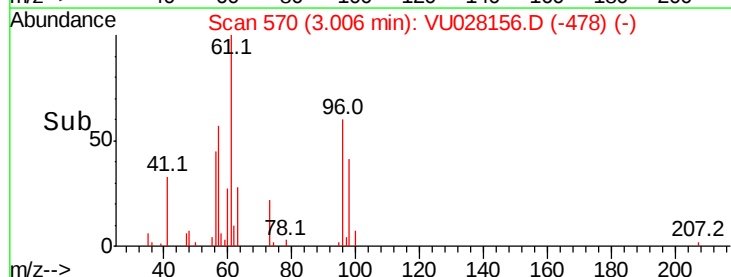
0

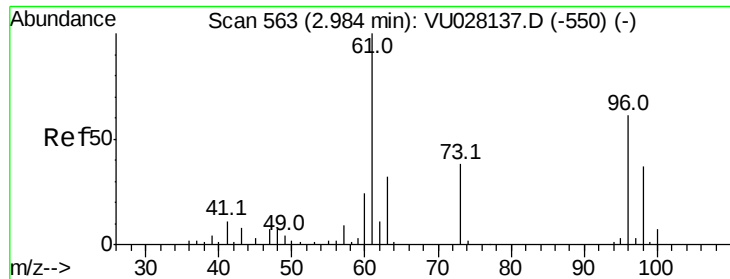
2.95

3.00

3.05

Time-->

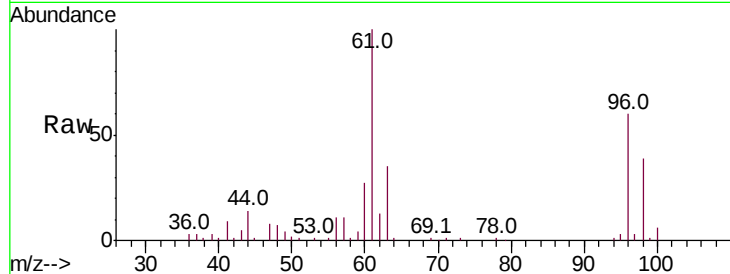




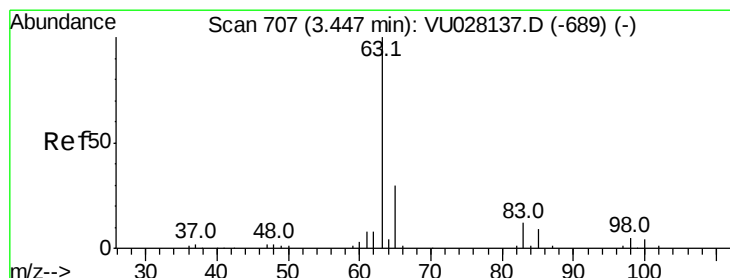
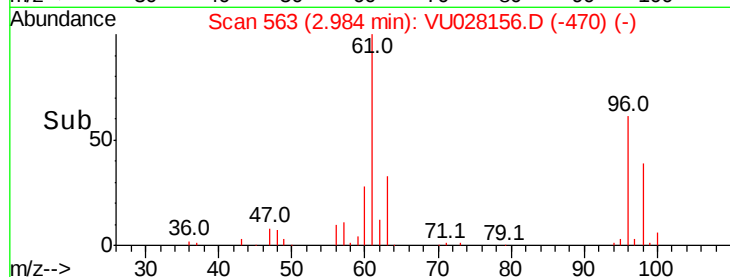
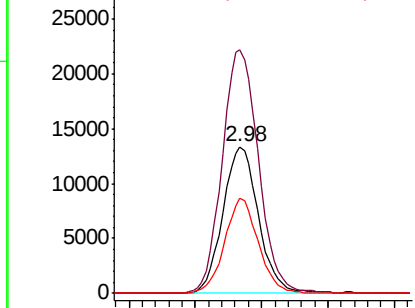
#18  
trans-1,2-Dichloroethene  
Concen: 2.715 ug/L  
RT: 2.98 min Scan# 563  
Delta R.T. -0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion: 96 Resp: 24915  
Ion Ratio Lower Upper  
96 100  
61 166.3 118.5 220.1  
98 64.7 44.9 83.5

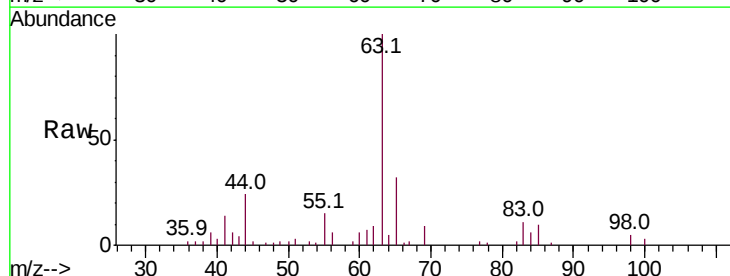


Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.05 (60.75 to 61.75): VU0  
Ion 97.95 (97.65 to 98.65): VU0

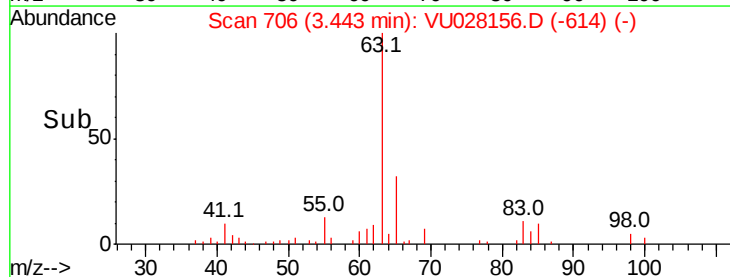
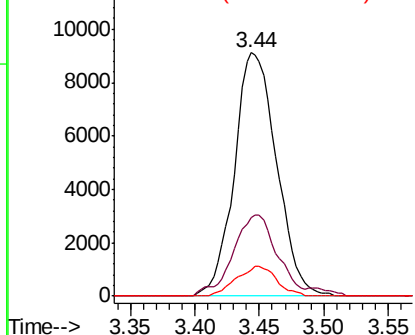


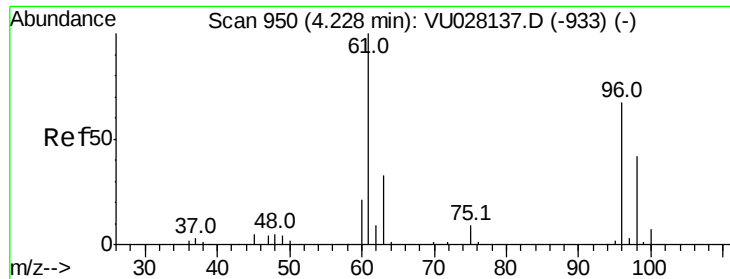
#19  
1,1-Dichloroethane  
Concen: 1.078 ug/L  
RT: 3.44 min Scan# 706  
Delta R.T. -0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Tgt Ion: 63 Resp: 20804  
Ion Ratio Lower Upper  
63 100  
65 32.1 22.2 41.2  
83 10.9 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VU0  
Ion 65.10 (64.80 to 65.80): VU0  
Ion 83.05 (82.75 to 83.75): VU0



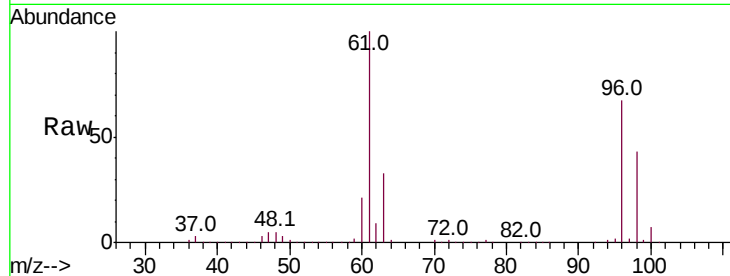


#22

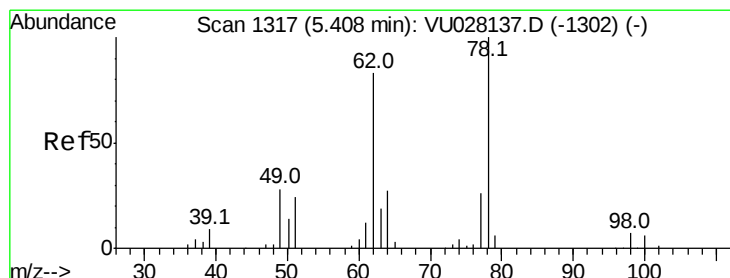
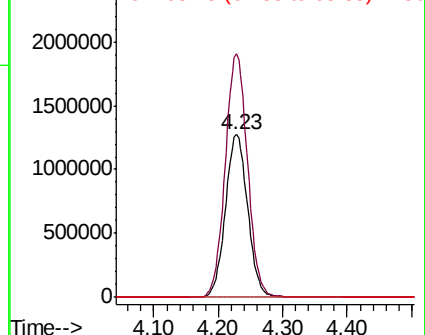
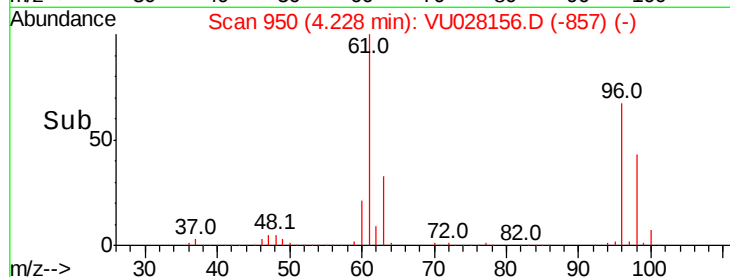
cis-1,2-Dichloroethene  
Concen: 301.481 ug/L  
RT: 4.23 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 96 Resp: 3050749  
Ion Ratio Lower Upper  
96 100  
61 149.6 101.8 189.0  
68 0.0 0.0 0.0



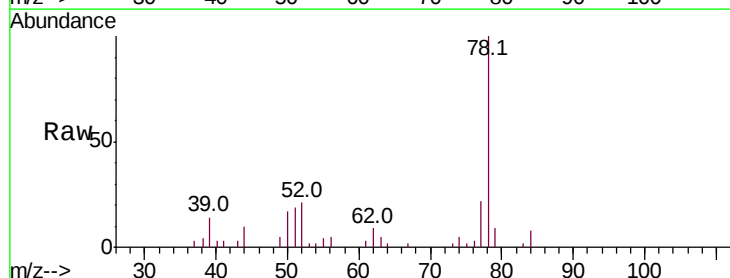
Abundance Ion 96.00 (95.70 to 96.70): VU0  
Ion 61.05 (60.75 to 61.75): VU0  
Ion 68.15 (67.85 to 68.85): VU0



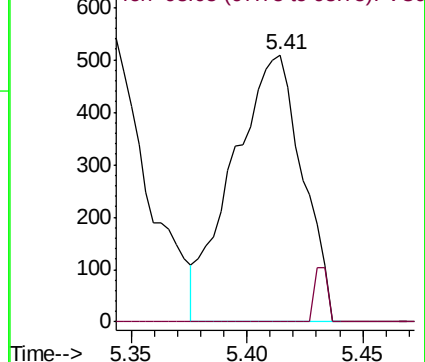
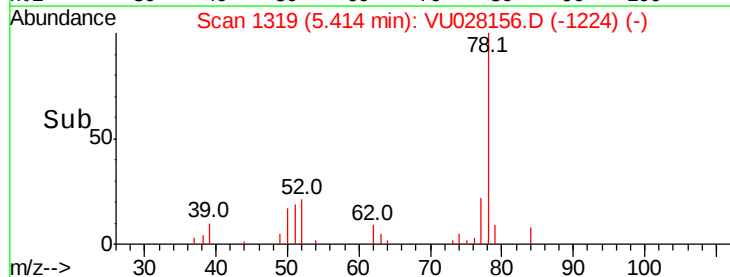
#27

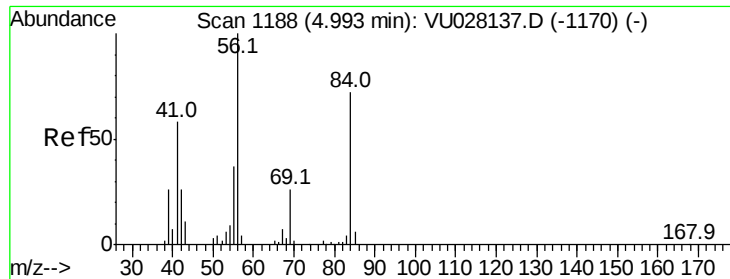
1,2-Dichloroethane  
Concen: 0.093 ug/L  
RT: 5.41 min Scan# 1319  
Delta R.T. 0.01 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Tgt Ion: 62 Resp: 1061  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.0 10.4#



Abundance Ion 62.00 (61.70 to 62.70): VU0  
Ion 98.05 (97.75 to 98.75): VU0

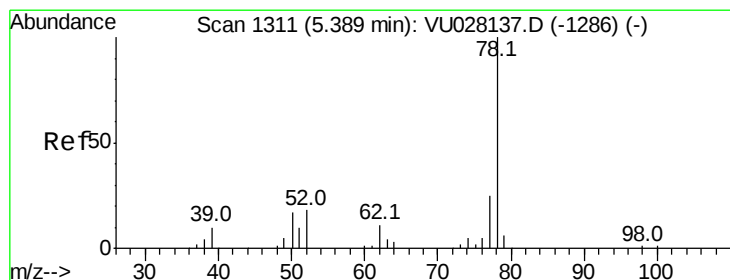
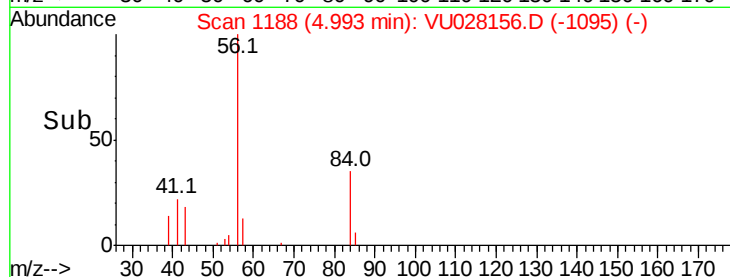
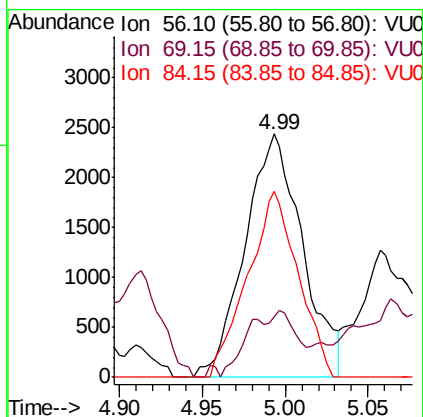
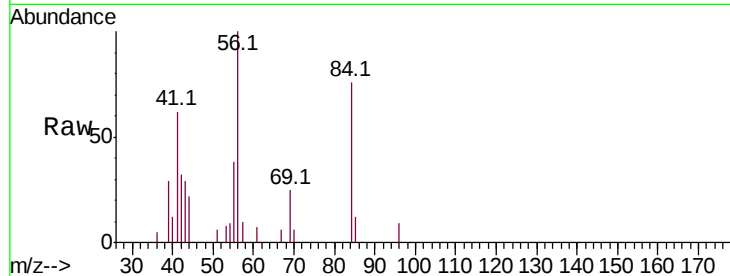




#30  
Cyclohexane  
Concen: 0.298 ug/L  
RT: 4.99 min Scan# 1188  
Delta R.T. -0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

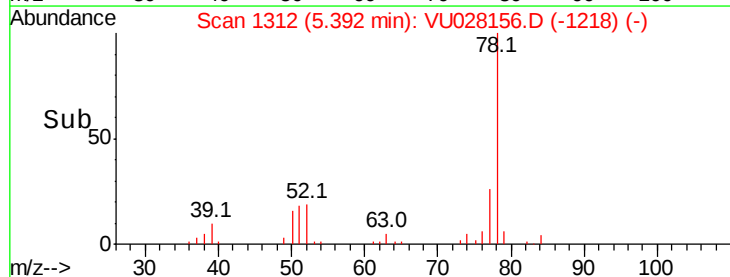
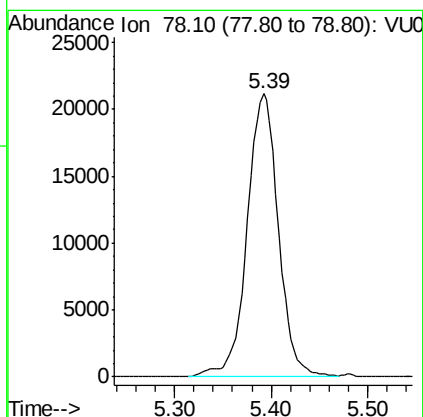
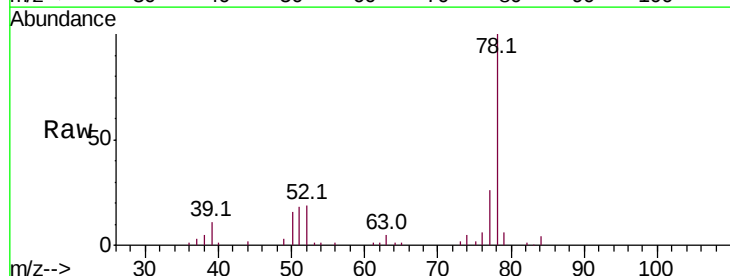
Instrument :  
MSVOA\_U  
ClientSampleId :

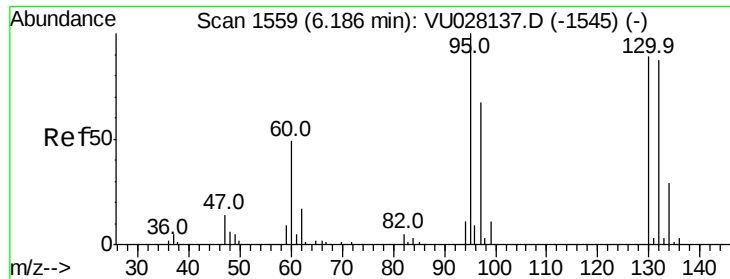
Tot Ion: 56 Resp: 5890  
Ion Ratio Lower Upper  
56 100  
69 5.1 22.6 33.8#  
84 67.1 57.7 86.5



#33  
Benzene  
Concen: 1.133 ug/L  
RT: 5.39 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Tgt Ion: 78 Resp: 47545





#34

Trichloroethene

Concen: 2.129 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Instrument :

MSVOA\_U

ClientSampled :

Tot Ion: 95 Resp: 22085

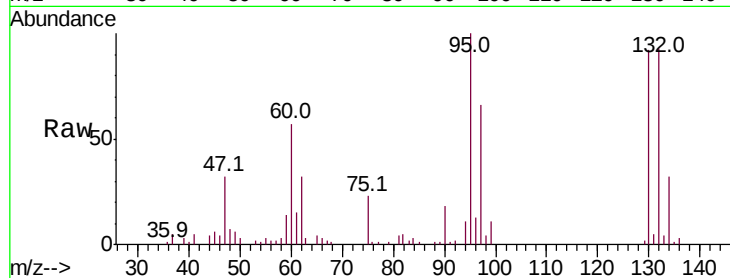
Ion Ratio Lower Upper

95 100

97 65.8 45.3 84.1

132 92.6 63.0 117.0

130 92.4 63.6 118.2

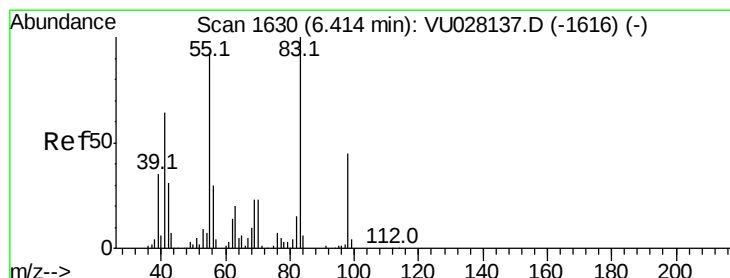
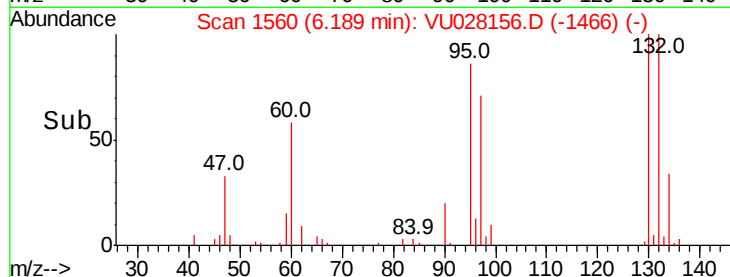
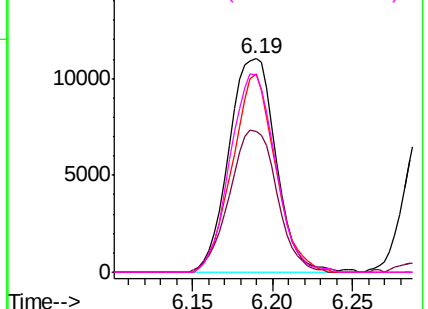


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.163 ug/L

RT: 6.41 min Scan# 1629

Delta R.T. -0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

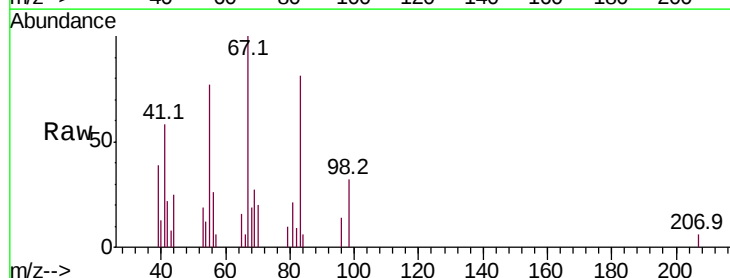
Tgt Ion: 83 Resp: 2904

Ion Ratio Lower Upper

83 100

55 117.8 69.0 103.4#

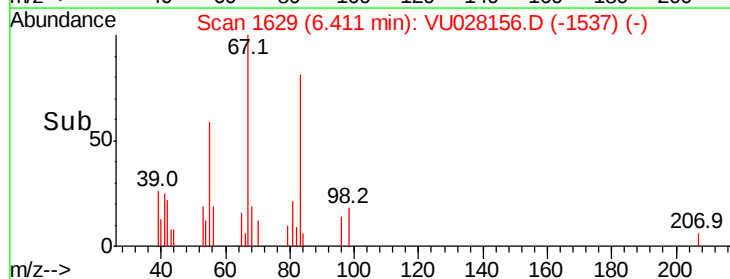
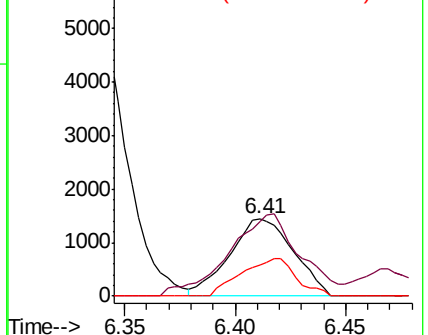
98 41.6 33.3 49.9

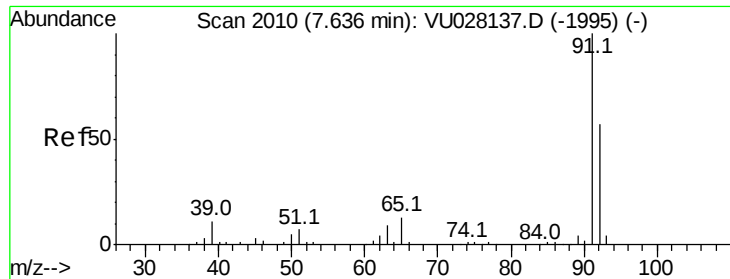


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#42

Toluene

Concen: 4.041 ug/L

RT: 7.64 min Scan# 2010

Delta R.T. -0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

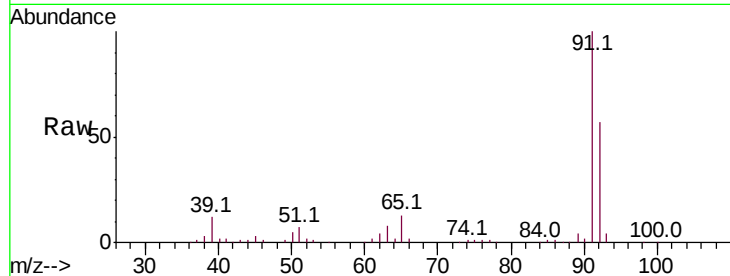
Instrument :  
MSVOA\_U  
ClientSampled :

Tot Ion: 91 Resp: 174868

Ion Ratio Lower Upper

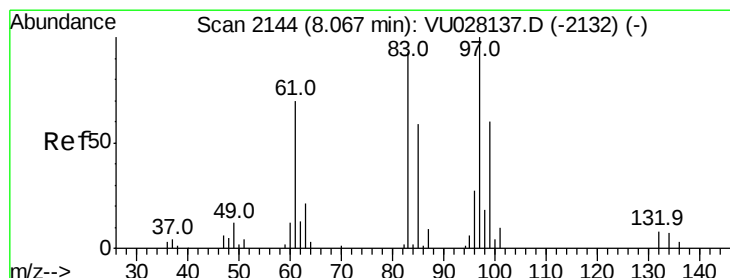
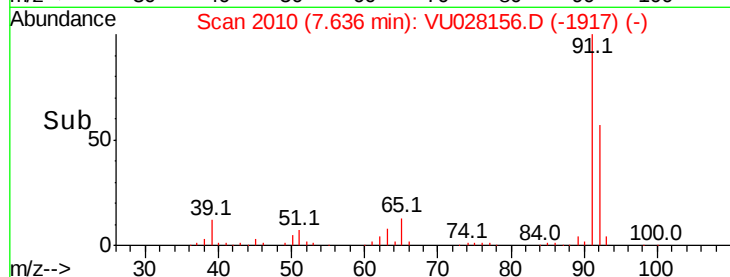
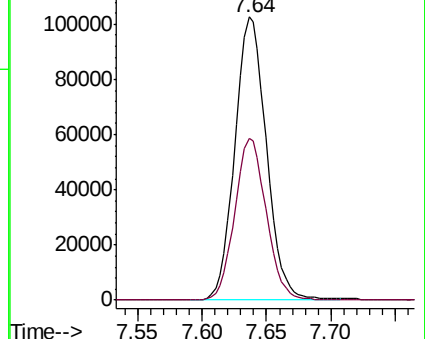
91 100

92 57.4 40.7 75.7



Abundance Ion 91.15 (90.85 to 91.85): VU0

Ion 92.15 (91.85 to 92.85): VU0



#45

1,1,2-Trichloroethane

Concen: 0.075 ug/L

RT: 8.06 min Scan# 2141

Delta R.T. -0.01 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Tgt Ion: 97 Resp: 526

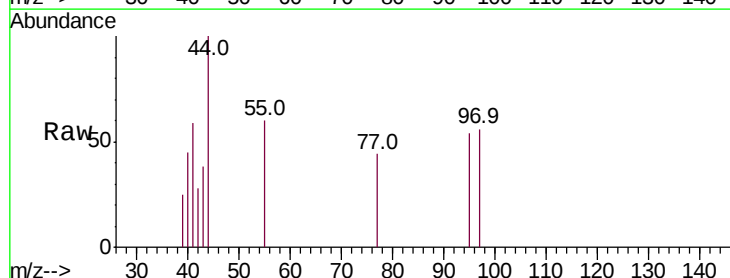
Ion Ratio Lower Upper

97 100

99 0.0 42.1 78.1#

83 0.0 63.7 118.3#

85 0.0 40.6 75.4#

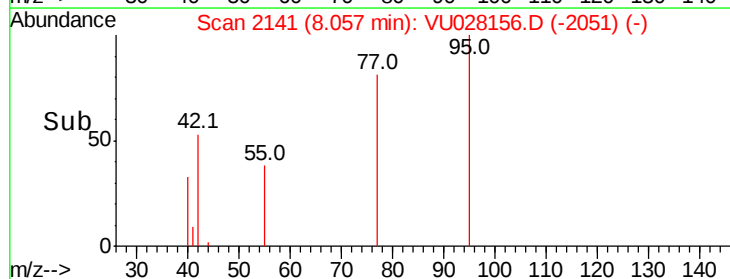
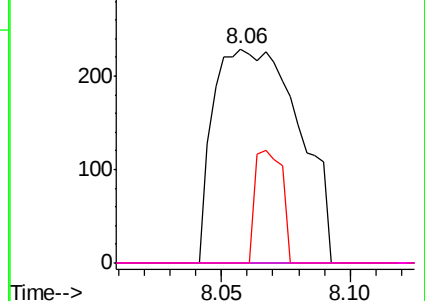


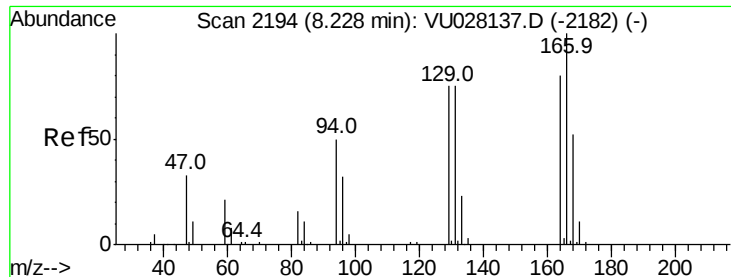
Abundance Ion 96.95 (96.65 to 97.65): VU0

Ion 99.05 (98.75 to 99.75): VU0

Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

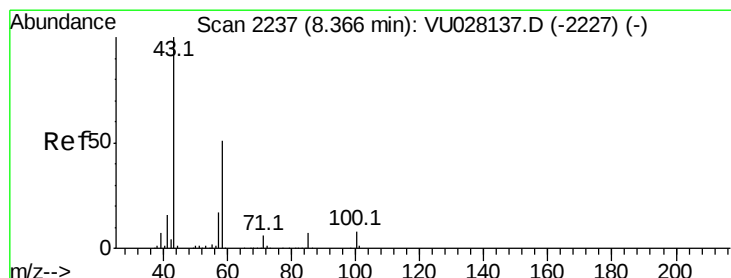
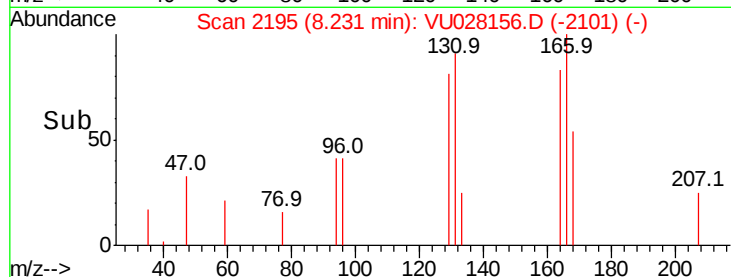
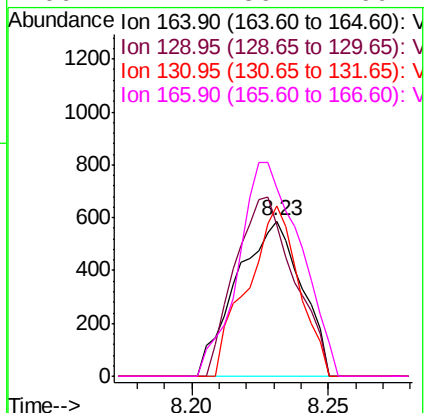
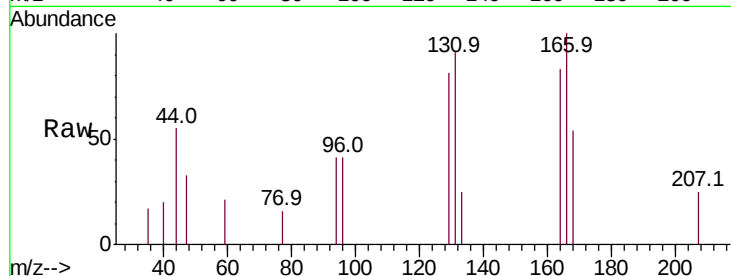




#47  
Tetrachloroethene  
Concen: 0.115 ug/L  
RT: 8.23 min Scan# 2195  
Delta R.T. 0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

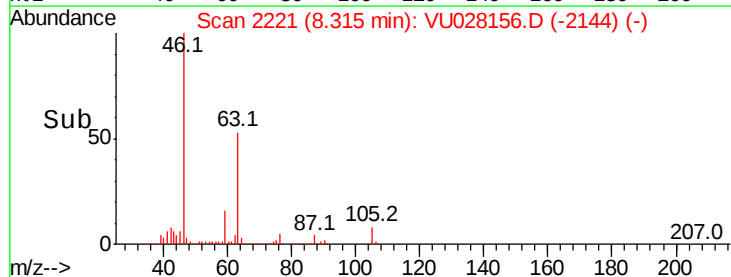
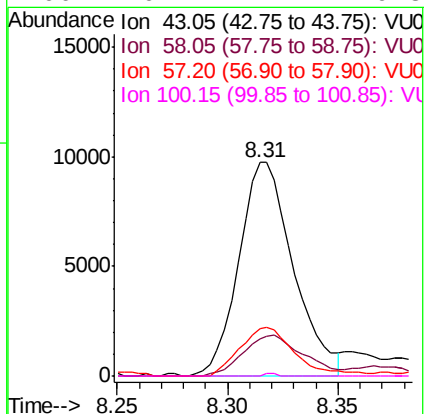
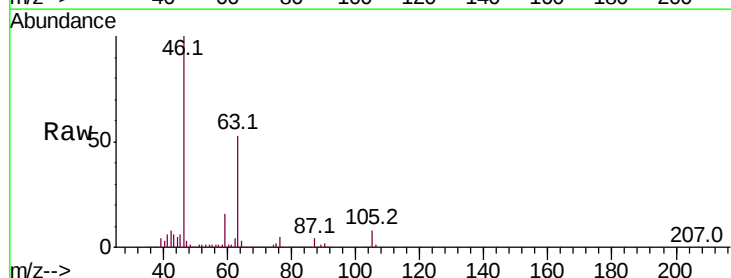
Instrument :  
MSVOA\_U  
ClientSampleId :

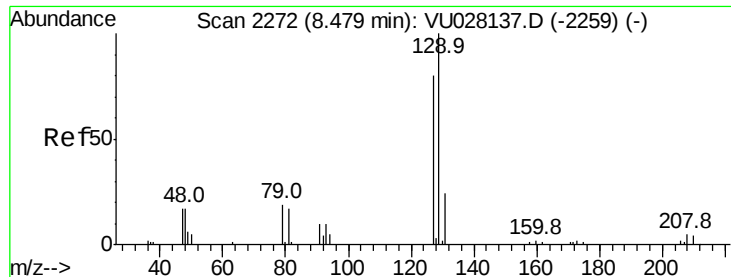
Tot Ion:164 Resp: 968  
Ion Ratio Lower Upper  
164 100  
129 97.6 69.7 129.4  
131 109.7 64.0 118.8  
166 121.1 86.4 160.4



#48  
2-Hexanone  
Concen: 2.943 ug/L  
RT: 8.31 min Scan# 2221  
Delta R.T. -0.05 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Tgt Ion: 43 Resp: 16736  
Ion Ratio Lower Upper  
43 100  
58 20.8 41.7 62.5#  
57 23.0 14.0 21.0#  
100 0.2 7.2 10.8#

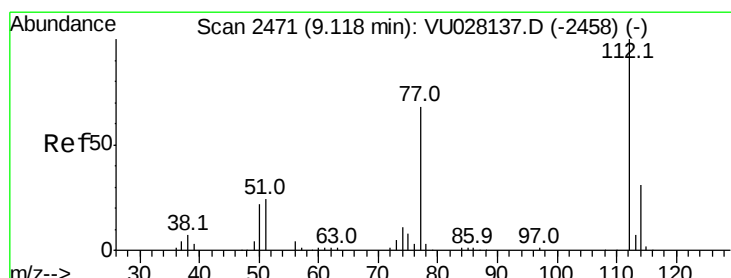
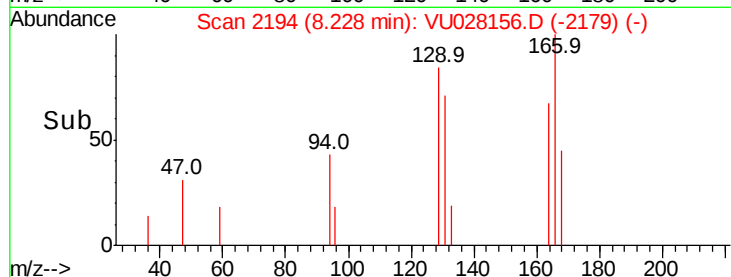
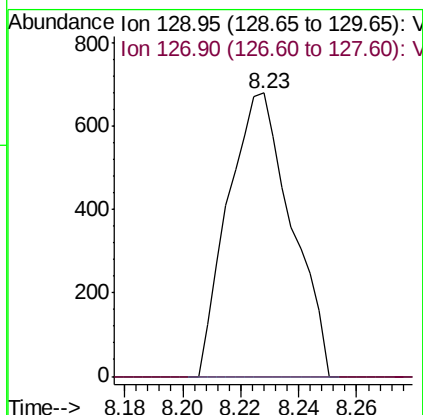
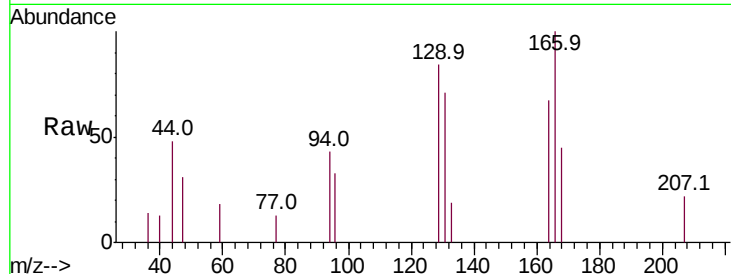




#49  
Dibromochloromethane  
Concen: 0.137 ug/L  
RT: 8.23 min Scan# 2194  
Delta R.T. -0.25 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

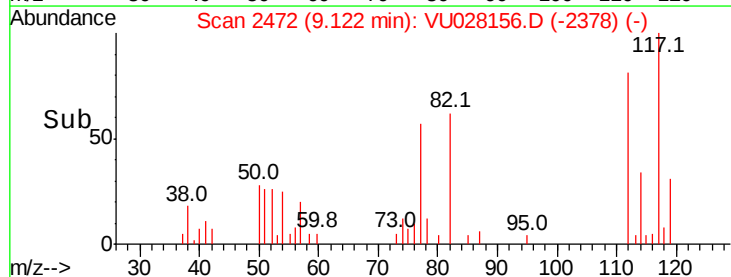
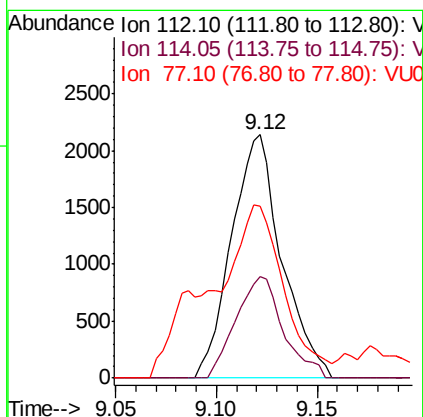
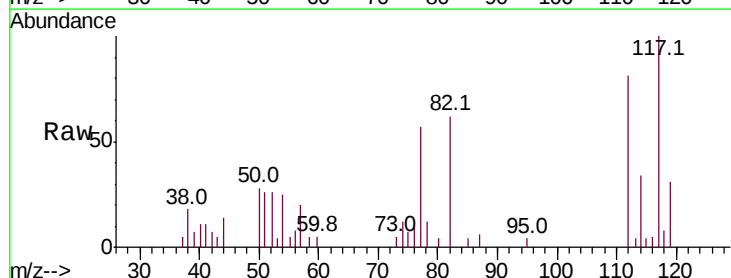
Instrument :  
MSVOA\_U  
ClientSampleId :

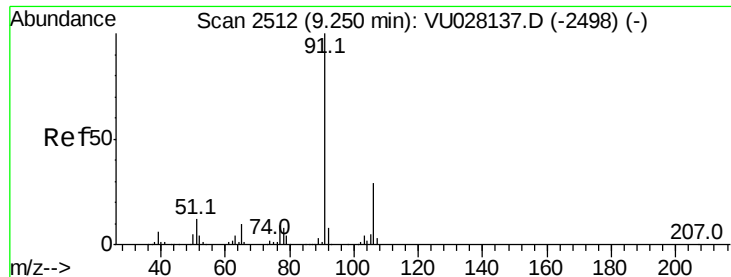
Tot Ion:129 Resp: 1025  
Ion Ratio Lower Upper  
129 100  
127 0.0 54.1 100.5#



#51  
Chlorobenzene  
Concen: 0.147 ug/L  
RT: 9.12 min Scan# 2472  
Delta R.T. 0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Tgt Ion:112 Resp: 3728  
Ion Ratio Lower Upper  
112 100  
114 41.9 22.5 41.7#  
77 70.6 51.3 76.9





#52

Ethylbenzene

Concen: 1.720 ug/L

RT: 9.25 min Scan# 2512

Delta R.T. -0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Instrument :

MSVOA\_U

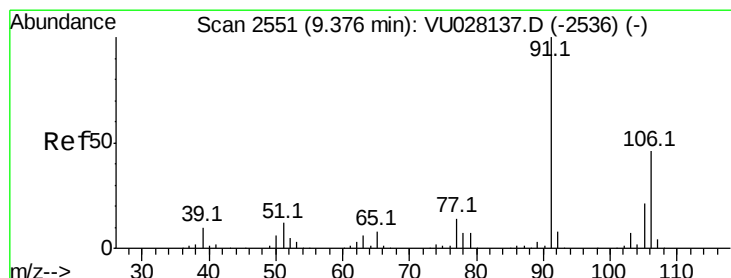
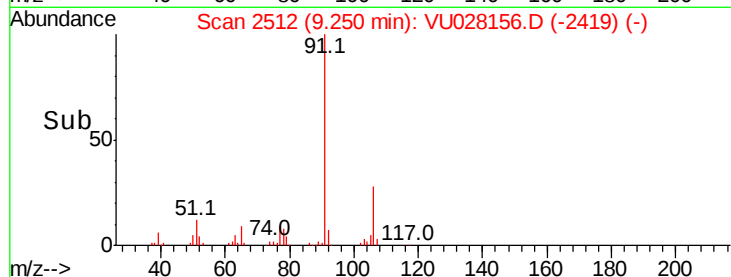
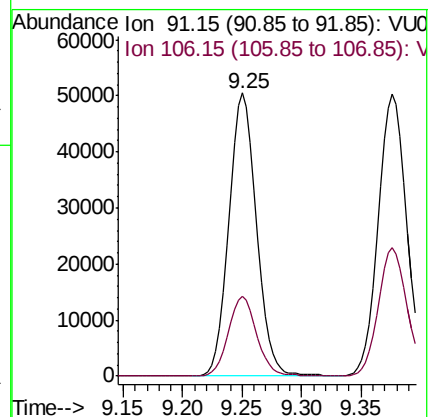
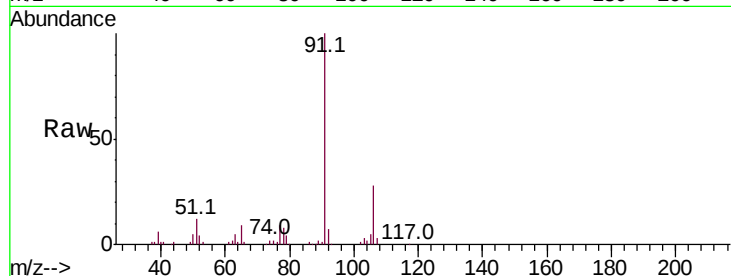
ClientSampleId :

Tot Ion: 91 Resp: 81229

Ion Ratio Lower Upper

91 100

106 28.3 20.9 38.7



#53

m,p-xylene

Concen: 2.247 ug/L

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU028156.D

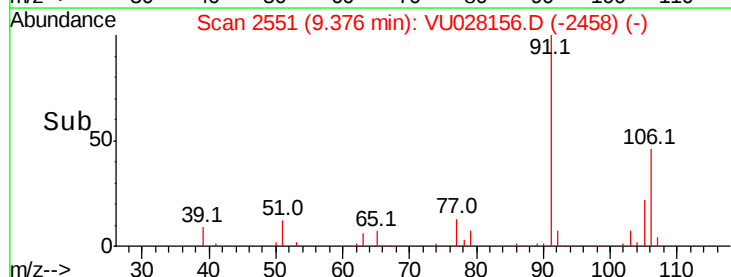
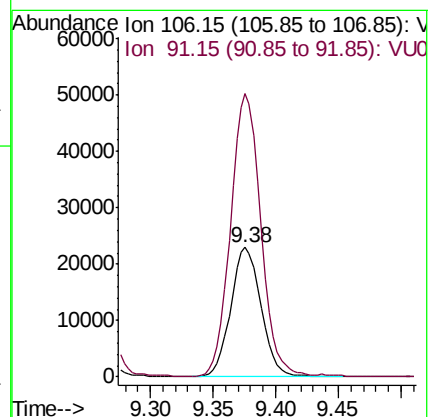
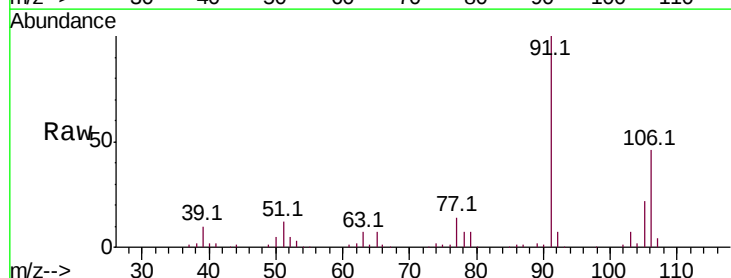
Acq: 15 Nov 2018 06:03

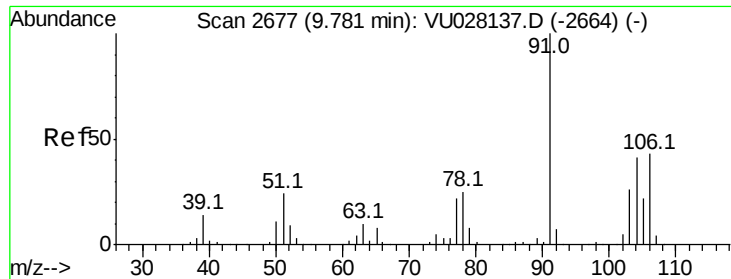
Tgt Ion: 106 Resp: 38665

Ion Ratio Lower Upper

106 100

91 219.0 145.7 270.7

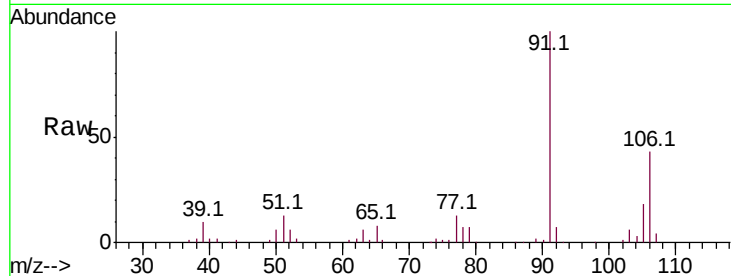




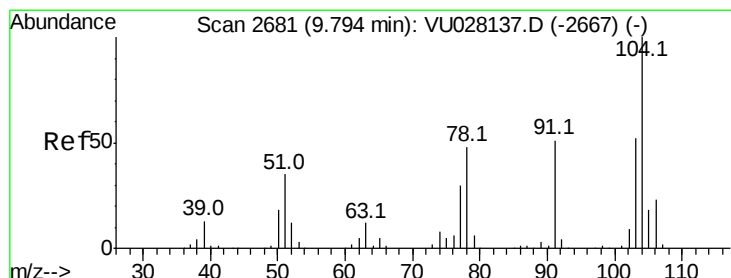
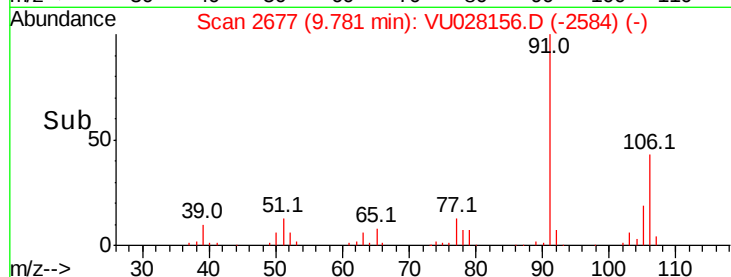
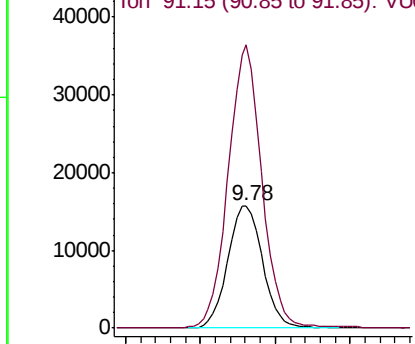
#54  
o-xylene  
Concen: 1.541 ug/L  
RT: 9.78 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Instrument :  
MSVOA\_U  
ClientSampleId :

Tot Ion:106 Resp: 25526  
Ion Ratio Lower Upper  
106 100  
91 231.1 158.7 294.7

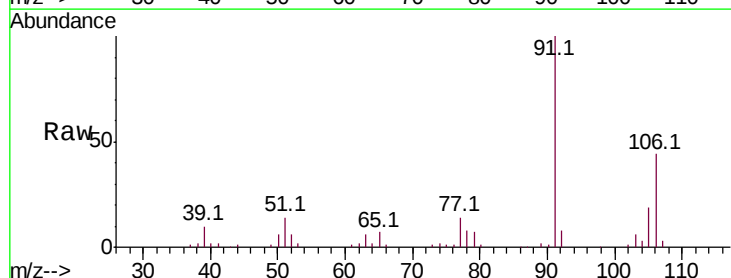


Abundance Ion 106.15 (105.85 to 106.85): V  
Ion 91.15 (90.85 to 91.85): VU0

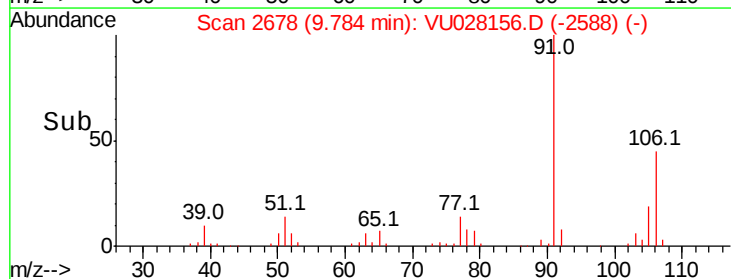
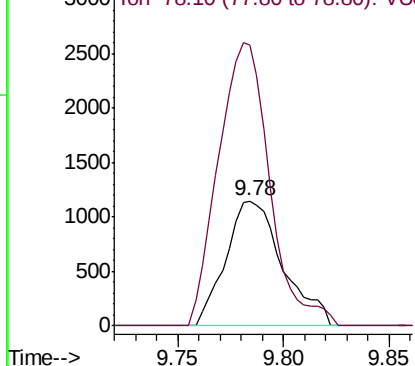


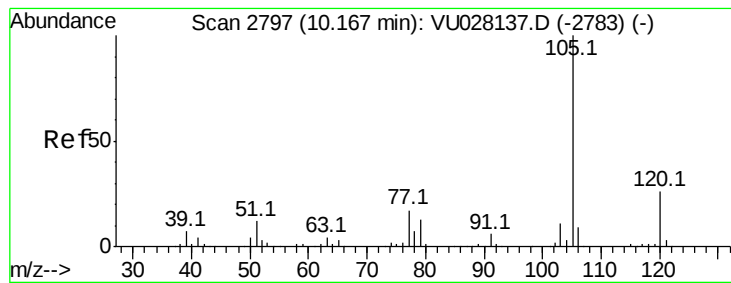
#55  
Styrene  
Concen: 0.077 ug/L  
RT: 9.78 min Scan# 2678  
Delta R.T. -0.01 min  
Lab File: VU028156.D  
Acq: 15 Nov 2018 06:03

Tgt Ion:104 Resp: 2149  
Ion Ratio Lower Upper  
104 100  
78 225.4 34.5 64.1#



Abundance Ion 104.10 (103.80 to 104.80): V  
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 0.168 ug/L

RT: 10.17 min Scan# 2797

Delta R.T. 0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Instrument :

MSVOA\_U

ClientSampleId :

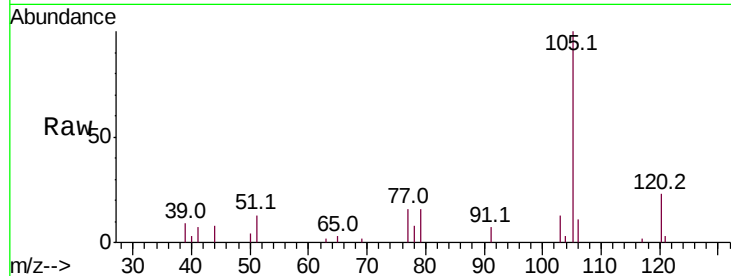
Tot Ion:105 Resp: 7527

Ion Ratio Lower Upper

105 100

120 23.4 20.5 30.7

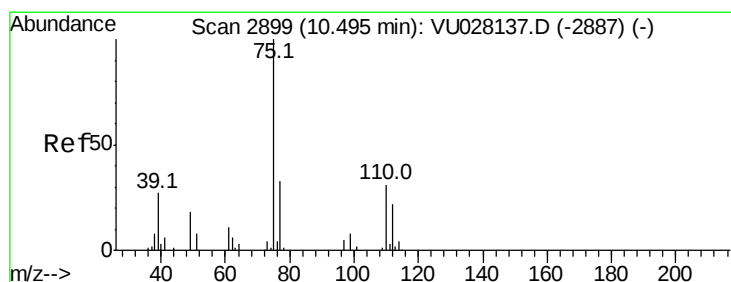
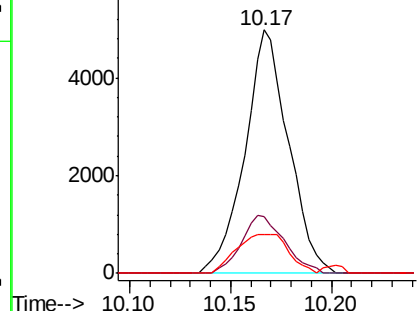
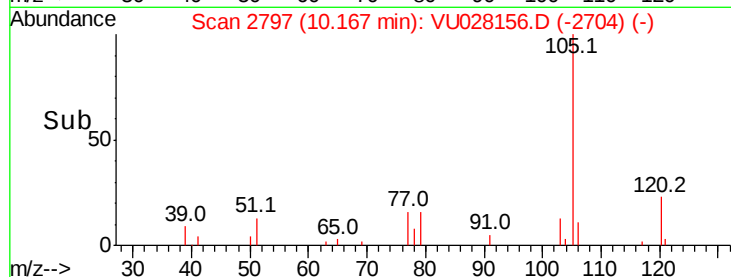
77 19.2 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VU



#59

1,2,3-Trichloropropane

Concen: 1.382 ug/L

RT: 11.48 min Scan# 3206

Delta R.T. 0.99 min

Lab File: VU028156.D

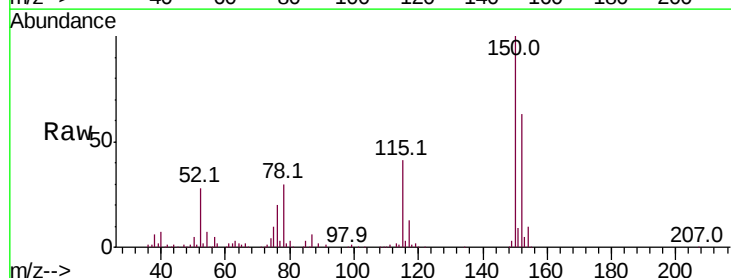
Acq: 15 Nov 2018 06:03

Tgt Ion: 75 Resp: 9007

Ion Ratio Lower Upper

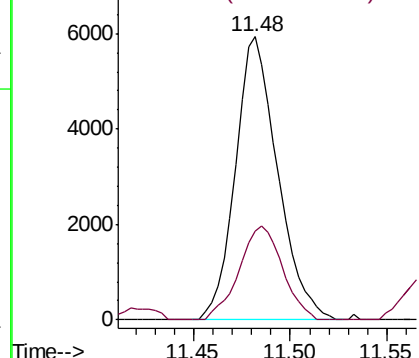
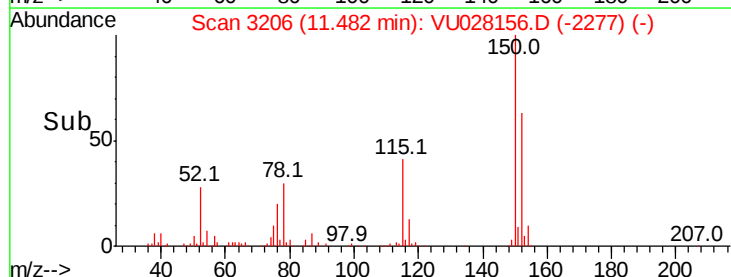
75 100

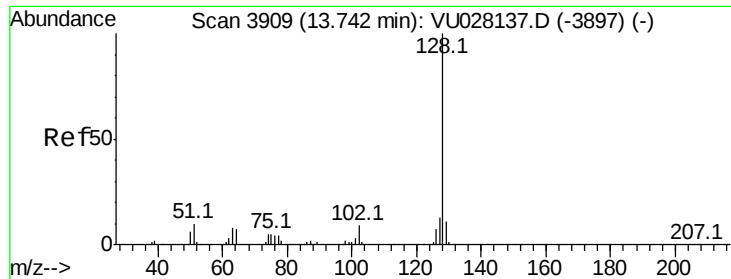
77 34.0 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VU

Ion 77.00 (76.70 to 77.70): VU





#69

Naphthalene

Concen: 0.654 ug/L

RT: 13.75 min Scan# 3910

Delta R.T. 0.00 min

Lab File: VU028156.D

Acq: 15 Nov 2018 06:03

Instrument :

MSVOA\_U

ClientSampleId :

Tot Ion:128 Resp: 15691

Ion Ratio Lower Upper

128 100

129 10.2 8.5 12.7

127 15.3 10.2 15.4

