

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU100618\  
 Data File : VU027461.D  
 Acq On : 05 Oct 2018 18:23  
 Operator : MD/SY  
 Sample : J5155-05DL 500X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 QNWP8-MW16S-GWDL

Quant Time: Oct 06 00:29:11 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 02:04:34 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.99  | 168  | 107419   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.89  | 114  | 179593   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.09  | 117  | 172077   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 96916    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.31  | 65   | 97107    | 54.14 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 108.28% |          |
| 35) Dibromofluoromethane    | 4.88  | 113  | 70613    | 57.37 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.74% |          |
| 50) Toluene-d8              | 7.57  | 98   | 277190   | 60.17 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 120.34% |          |
| 62) 4-Bromofluorobenzene    | 10.31 | 95   | 99473    | 58.10 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 116.20% |          |

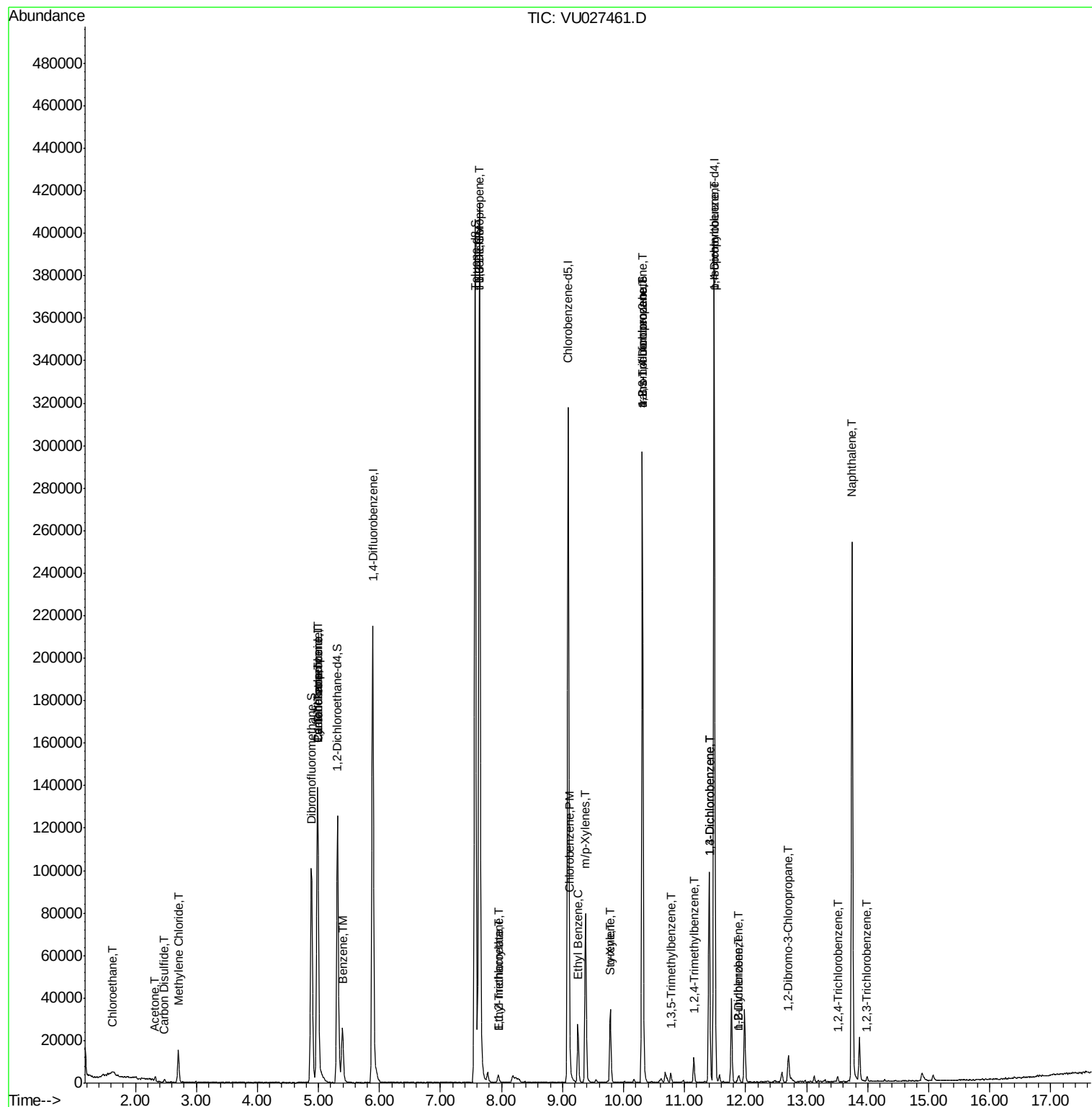
| Target Compounds               | R.T.  | QIon | Response | Conc   | Units  | Qvalue |
|--------------------------------|-------|------|----------|--------|--------|--------|
| 6) Chloroethane                | 1.62  | 64   | 2778     | 2.346  | ug/l # | 63     |
| 16) Acetone                    | 2.32  | 43   | 2633     | 2.485  | ug/l   | 97     |
| 17) Carbon Disulfide           | 2.48  | 76   | 1743     | 0.426  | ug/l   | 98     |
| 20) Methylene Chloride         | 2.70  | 84   | 6356     | 4.306  | ug/l   | 91     |
| 31) Cyclohexane                | 4.99  | 56   | 2683     | 0.698  | ug/l # | 8      |
| 36) 1,1-Dichloropropene        | 4.98  | 75   | 9393     | 4.817  | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 4.99  | 117  | 10571    | 6.001  | ug/l # | 17     |
| 40) Benzene                    | 5.40  | 78   | 24220    | 4.264  | ug/l   | 99     |
| 52) Toluene                    | 7.64  | 92   | 177821   | 52.892 | ug/l   | 100    |
| 53) t-1,3-Dichloropropene      | 7.64  | 75   | 1977     | 0.878  | ug/l # | 1      |
| 55) 1,1,2-Trichloroethane      | 7.94  | 97   | 3120     | 2.341  | ug/l # | 16     |
| 56) Ethyl methacrylate         | 7.94  | 69   | 174      | 2.337  | ug/l # | 27     |
| 65) Chlorobenzene              | 9.12  | 112  | 1116     | 0.308  | ug/l   | 90     |
| 67) Ethyl Benzene              | 9.25  | 91   | 20452    | 3.187  | ug/l   | 98     |
| 68) m/p-Xylenes                | 9.38  | 106  | 22813    | 9.719  | ug/l   | 100    |
| 69) o-Xylene                   | 9.78  | 106  | 9062     | 4.062  | ug/l   | 98     |
| 70) Styrene                    | 9.80  | 104  | 1039     | 2.537  | ug/l # | 1      |
| 76) 1,2,3-Trichloropropane     | 10.31 | 75   | 52588    | 20.932 | ug/l # | 37     |
| 80) 1,3,5-Trimethylbenzene     | 10.77 | 105  | 2553     | 0.445  | ug/l   | 99     |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75   | 52588    | 54.782 | ug/l # | 100    |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 6500     | 1.110  | ug/l   | 98     |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 1867     | 0.312  | ug/l # | 83     |
| 87) 1,3-Dichlorobenzene        | 11.42 | 146  | 745      | 0.241  | ug/l   | 89     |
| 88) 1,4-Dichlorobenzene        | 11.42 | 146  | 745      | 0.235  | ug/l   | 89     |
| 89) n-Butylbenzene             | 11.89 | 91   | 1127     | 2.120  | ug/l   | 86     |
| 91) 1,2-Dichlorobenzene        | 11.88 | 146  | 879      | 0.292  | ug/l   | 93     |
| 92) 1,2-Dibromo-3-Chloropropan | 12.70 | 75   | 282      | 0.460  | ug/l # | 7      |
| 93) 1,2,4-Trichlorobenzene     | 13.51 | 180  | 1063     | 0.545  | ug/l   | 92     |
| 95) Naphthalene                | 13.74 | 128  | 194228   | 27.288 | ug/l   | 100    |
| 96) 1,2,3-Trichlorobenzene     | 13.99 | 180  | 943      | 0.464  | ug/l   | 99     |

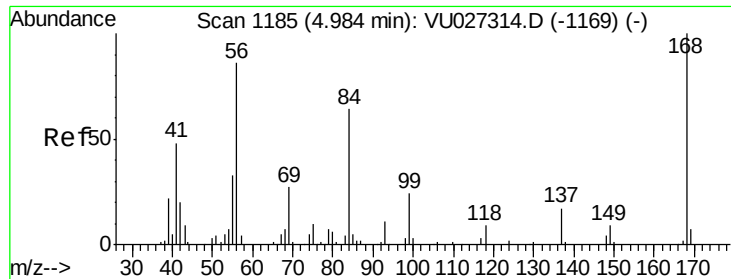
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_U\DATA\VU100618\  
Data File : VU027461.D  
Acq On : 05 Oct 2018 18:23  
Operator : MD/SY  
Sample : J5155-05DL 500X  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 25 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

Quant Time: Oct 06 00:29:11 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_U\METHOD\82U100118W.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 02 02:04:34 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

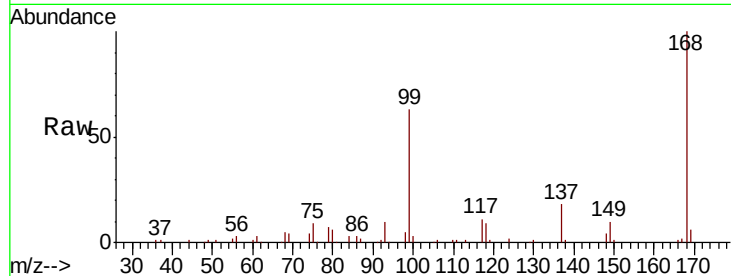
QNWP8-MW16S-GWDL

Tgt Ion:168 Resp: 107419

Ion Ratio Lower Upper

168 100

99 62.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): VU027314.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU027314.D (-1169) (-)

4.99

50000

40000

30000

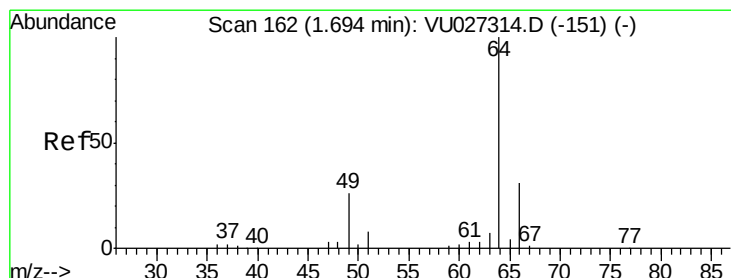
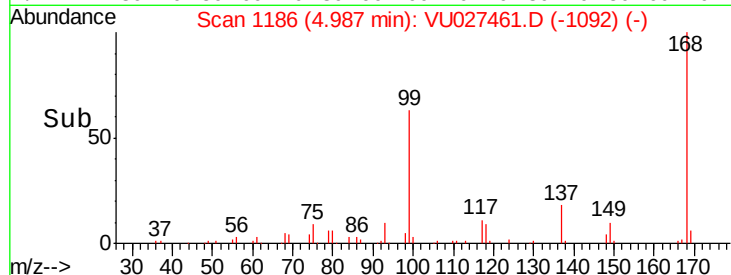
20000

10000

0

Time-->

4.90 5.00 5.10 5.20



#6

Chloroethane

Concen: 2.346 ug/l

RT: 1.62 min Scan# 139

Delta R.T. -0.07 min

Lab File: VU027461.D

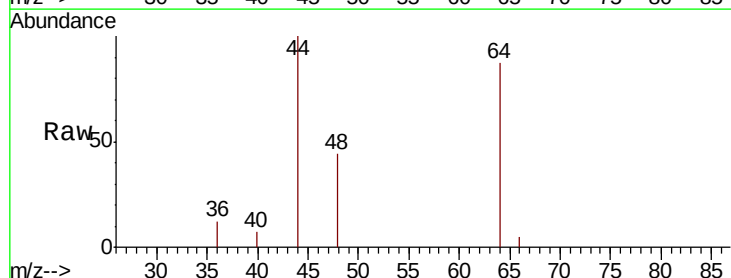
Acq: 05 Oct 2018 18:23

Tgt Ion: 64 Resp: 2778

Ion Ratio Lower Upper

64 100

66 10.6 24.6 36.8#



Abundance Ion 63.90 (63.60 to 64.60): VU027314.D (-151) (-)

Ion 65.90 (65.60 to 66.60): VU027314.D (-151) (-)

1.62

2000

1500

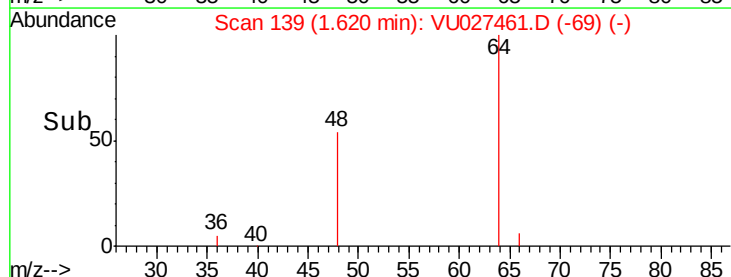
1000

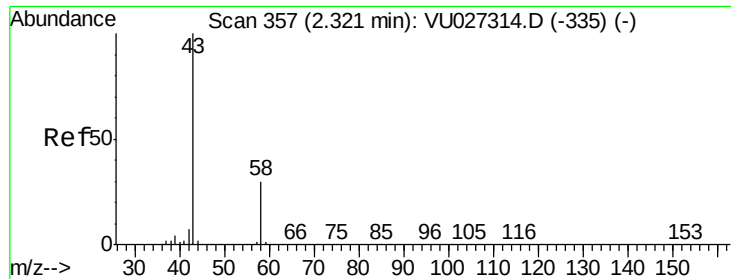
500

0

Time-->

1.55 1.60 1.65





#16

Acetone

Concen: 2.485 ug/l

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

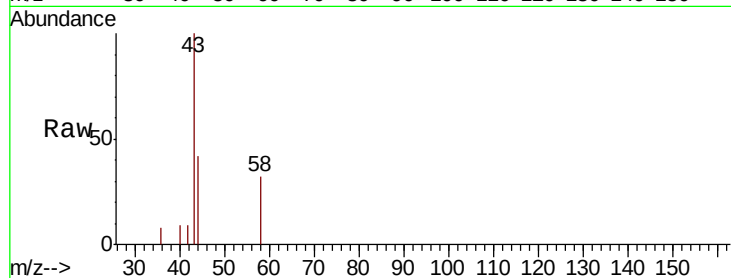
QNWP8-MW16S-GWDL

Tgt Ion: 43 Resp: 2633

Ion Ratio Lower Upper

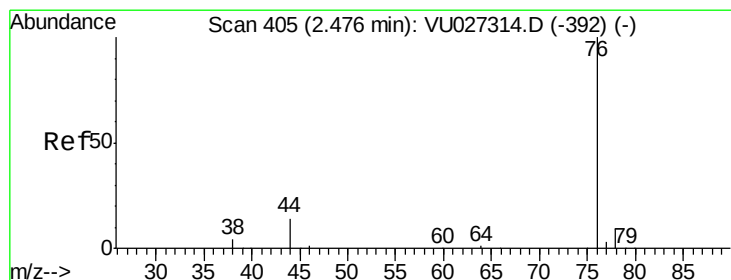
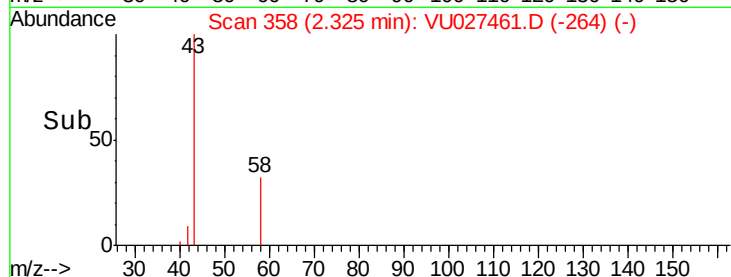
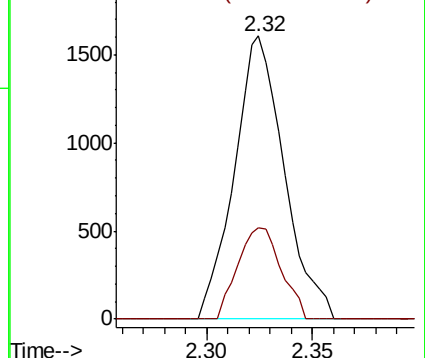
43 100

58 32.2 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

Carbon Disulfide

Concen: 0.426 ug/l

RT: 2.48 min Scan# 405

Delta R.T. 0.00 min

Lab File: VU027461.D

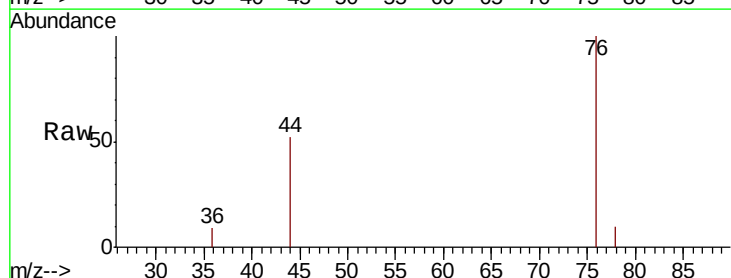
Acq: 05 Oct 2018 18:23

Tgt Ion: 76 Resp: 1743

Ion Ratio Lower Upper

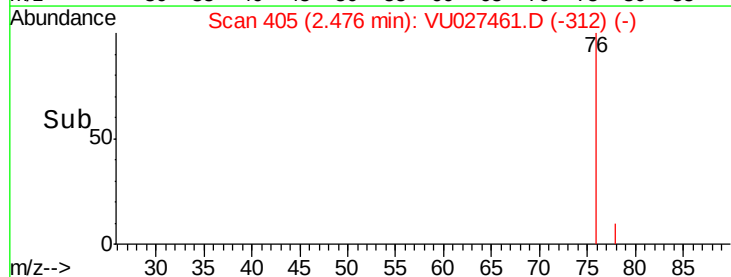
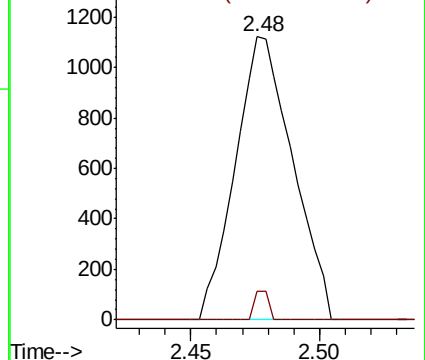
76 100

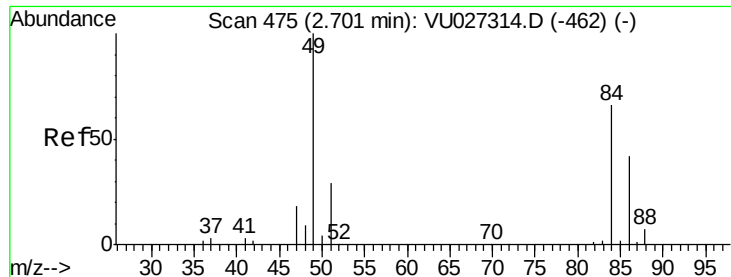
78 9.9 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VU0

Ion 77.90 (77.60 to 78.60): VU0

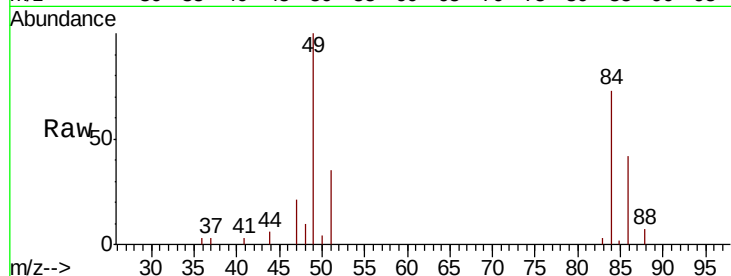




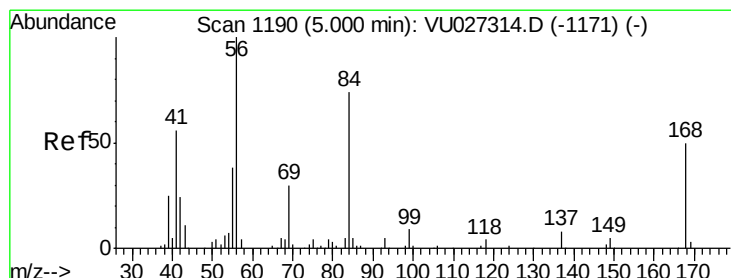
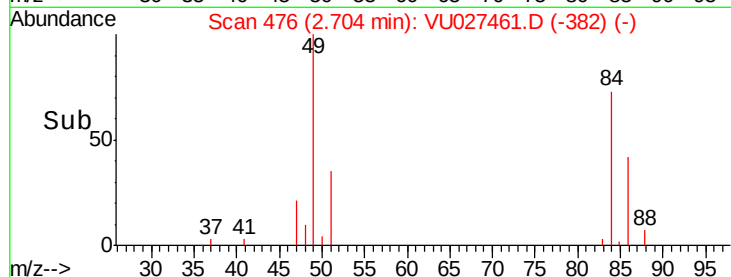
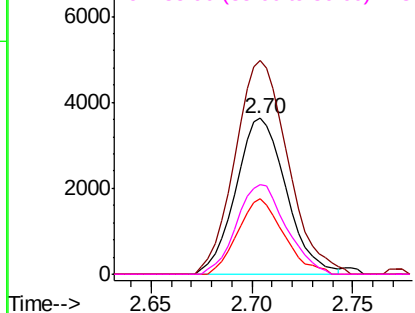
#20  
Methylene Chloride  
Concen: 4.306 ug/l  
RT: 2.70 min Scan# 476  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 6356  |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 49       | 137.3 | 120.5 | 180.7 |
| 51       | 48.3  | 35.1  | 52.7  |
| 86       | 57.6  | 50.5  | 75.7  |

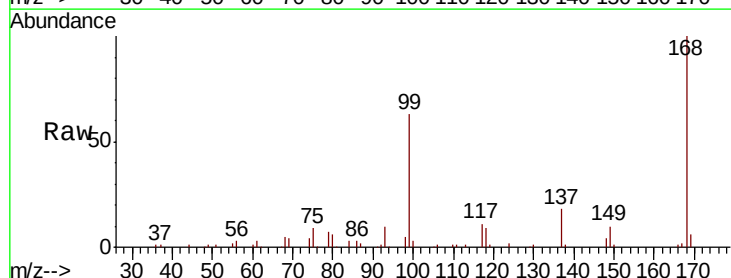


Abundance Ion 83.90 (83.60 to 84.60): VU0  
Ion 48.90 (48.60 to 49.60): VU0  
Ion 50.90 (50.60 to 51.60): VU0  
Ion 85.90 (85.60 to 86.60): VU0

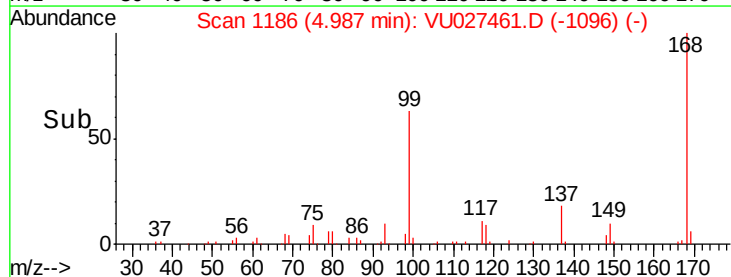
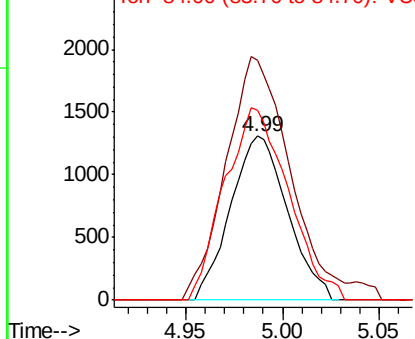


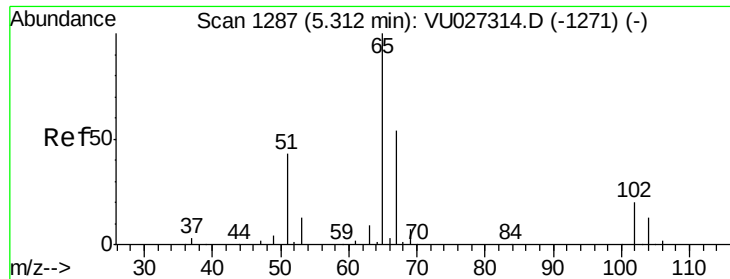
#31  
Cyclohexane  
Concen: 0.698 ug/l  
RT: 4.99 min Scan# 1186  
Delta R.T. -0.01 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 56    | Resp: | 2683  |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 137.6 | 24.1  | 36.1# |
| 84       | 115.5 | 59.1  | 88.7# |



Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

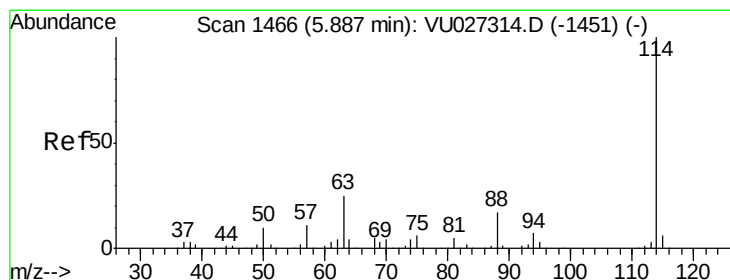
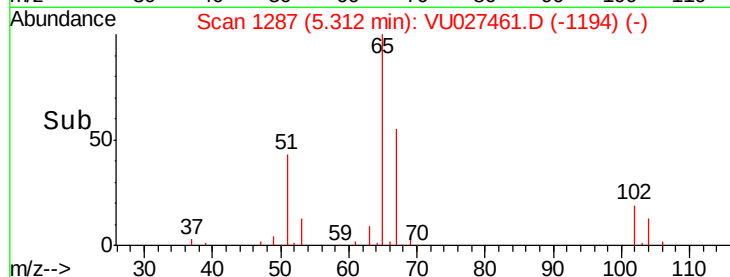
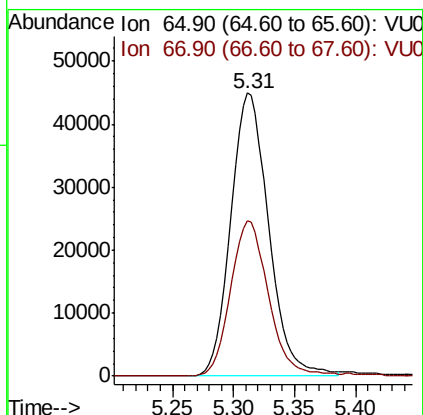
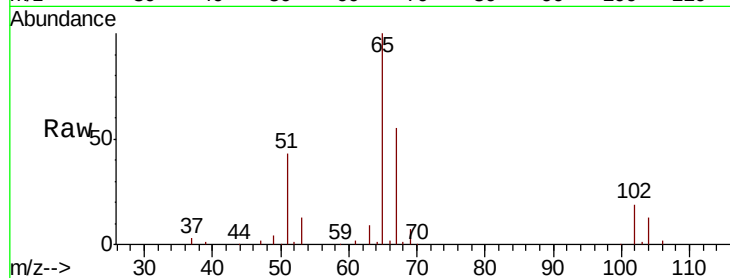




#33  
 1,2-Dichloroethane-d4  
 Concen: 54.138 ug/l  
 RT: 5.31 min Scan# 1287  
 Delta R.T. 0.00 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

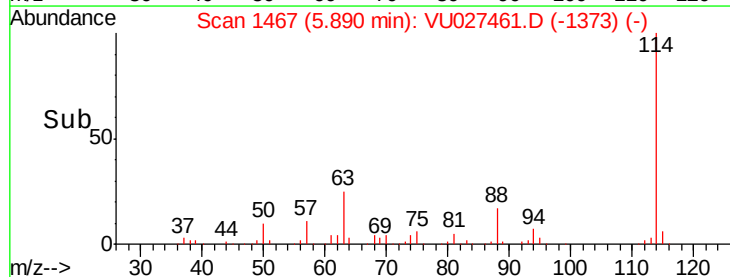
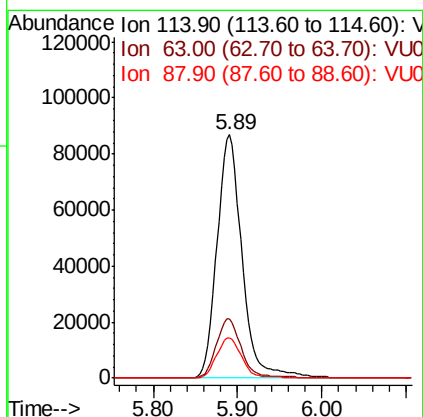
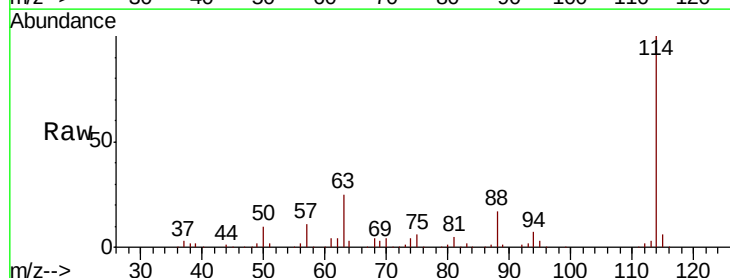
Instrument :  
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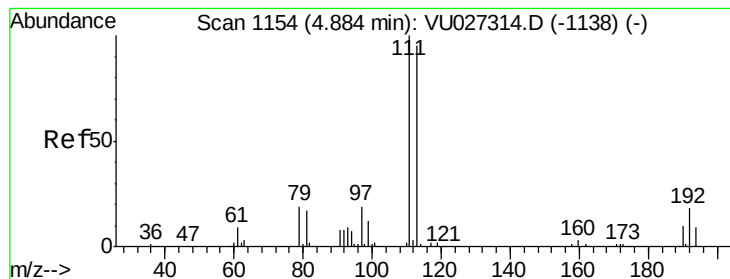
Tgt Ion: 65 Resp: 97107  
 Ion Ratio Lower Upper  
 65 100  
 67 54.7 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.89 min Scan# 1467  
 Delta R.T. 0.00 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

Tgt Ion: 114 Resp: 179593  
 Ion Ratio Lower Upper  
 114 100  
 63 24.6 0.0 50.2  
 88 16.7 0.0 33.8





#35

Dibromofluoromethane

Concen: 57.371 ug/l

RT: 4.88 min Scan# 1154

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

QNWP8-MW16S-GWDL

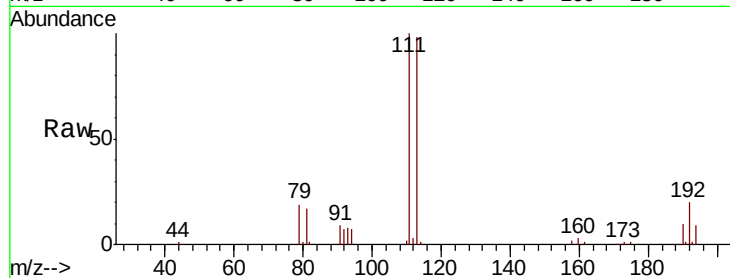
Tgt Ion:113 Resp: 70613

Ion Ratio Lower Upper

113 100

111 102.4 83.1 124.7

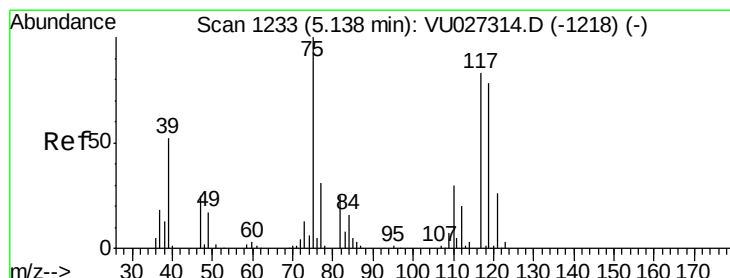
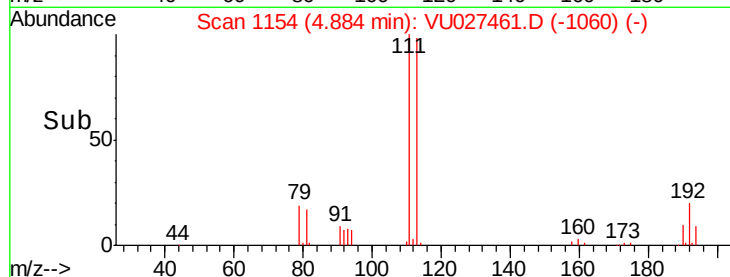
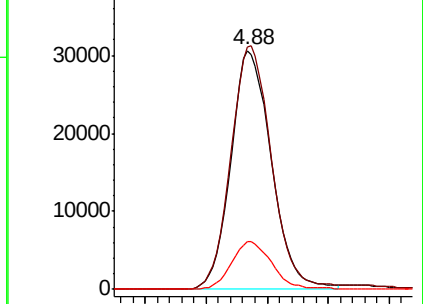
192 19.9 15.4 23.0



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.817 ug/l

RT: 4.98 min Scan# 1185

Delta R.T. -0.15 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

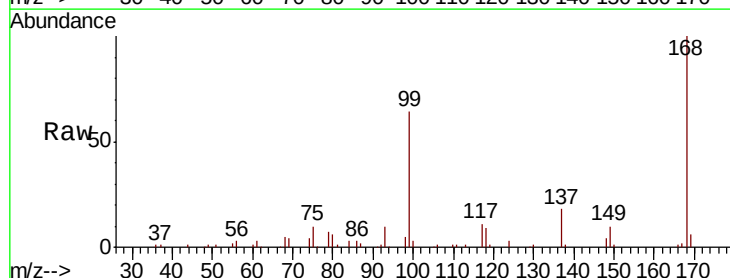
Tgt Ion: 75 Resp: 9393

Ion Ratio Lower Upper

75 100

110 6.2 15.5 46.5#

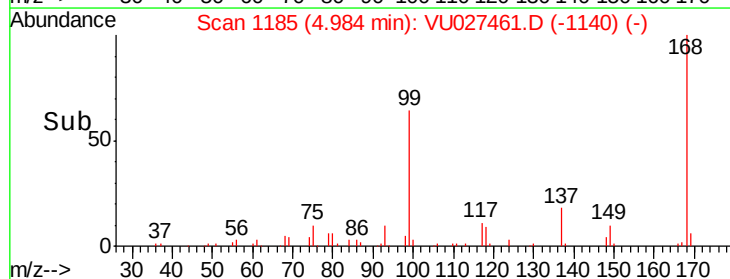
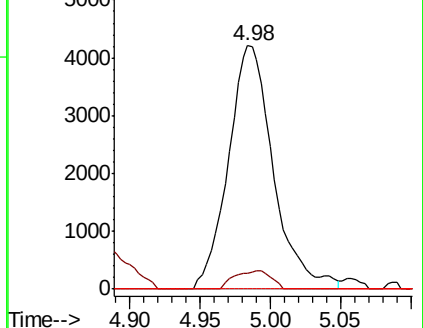
77 0.0 25.4 38.0#

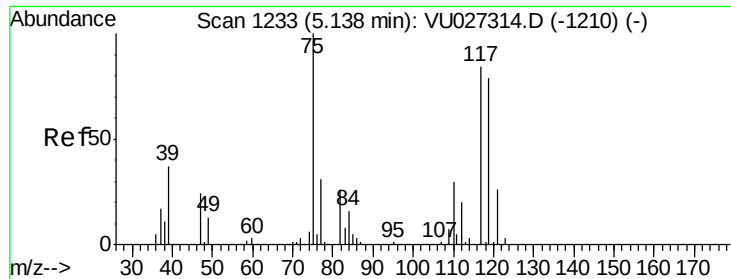


Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VU0





#38

Carbon Tetrachloride

Concen: 6.001 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

QNWP8-MW16S-GWDL

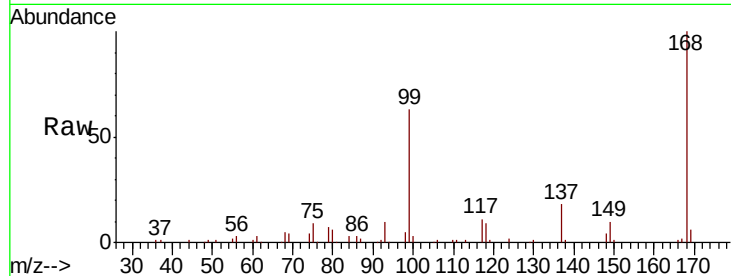
Tgt Ion:117 Resp: 10571

Ion Ratio Lower Upper

117 100

119 4.8 74.5 111.7#

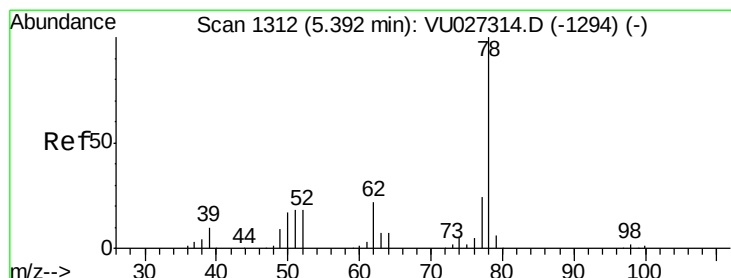
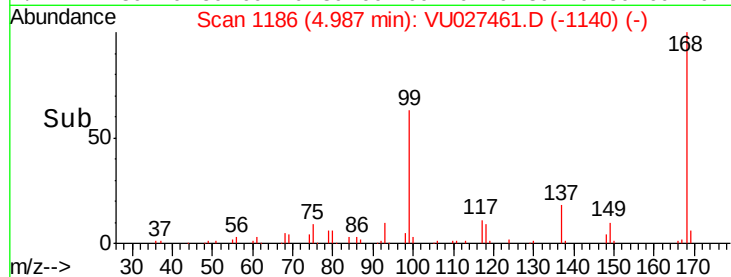
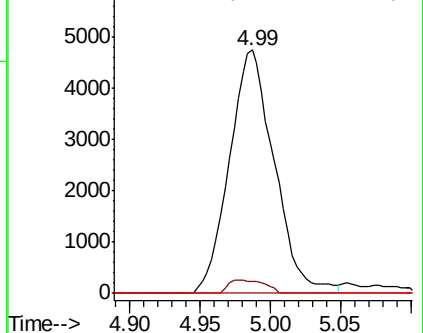
121 0.0 24.6 37.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#40

Benzene

Concen: 4.264 ug/l

RT: 5.40 min Scan# 1313

Delta R.T. 0.00 min

Lab File: VU027461.D

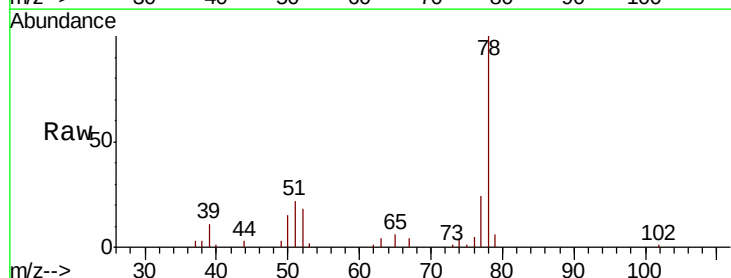
Acq: 05 Oct 2018 18:23

Tgt Ion: 78 Resp: 24220

Ion Ratio Lower Upper

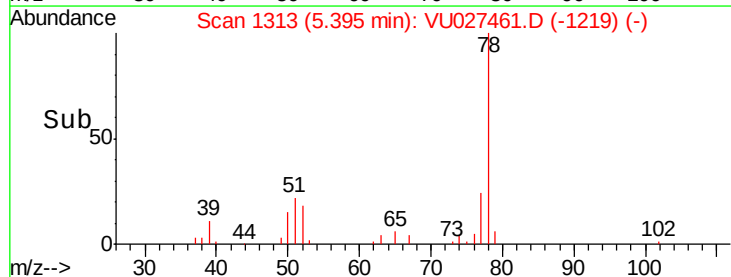
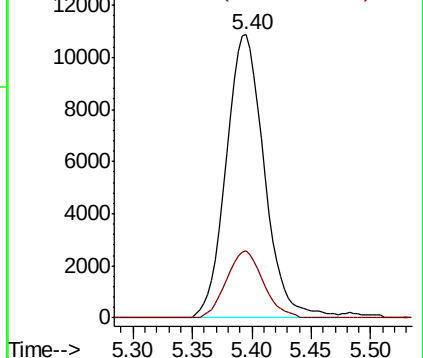
78 100

77 23.6 19.3 28.9

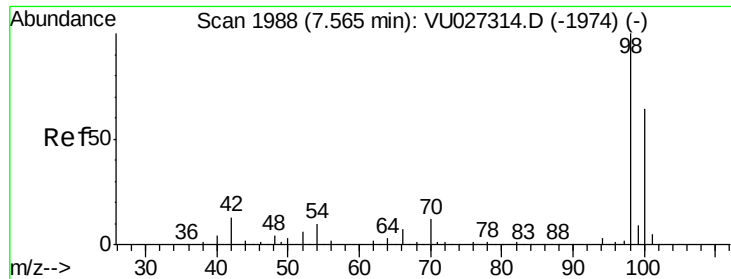


Abundance Ion 78.00 (77.70 to 78.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



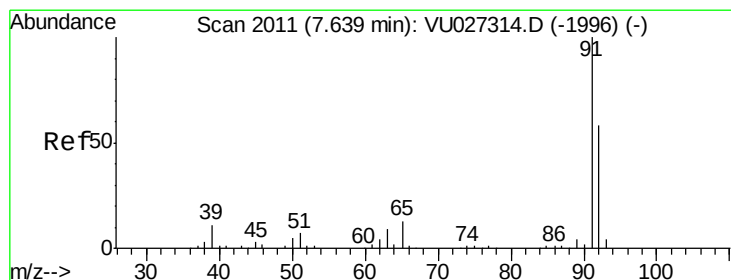
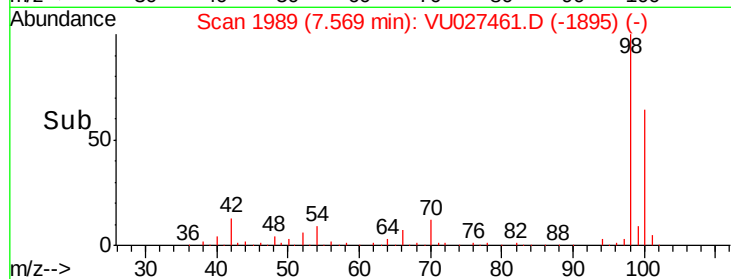
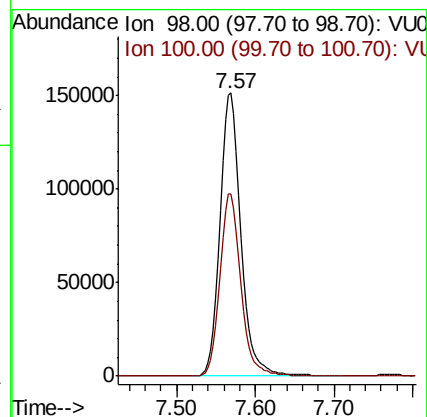
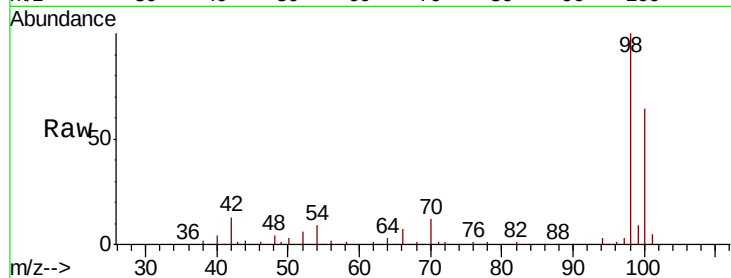




#50  
Toluene-d8  
Concen: 60.173 ug/l  
RT: 7.57 min Scan# 1989  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

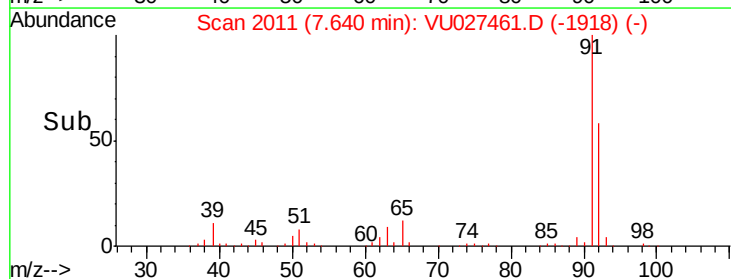
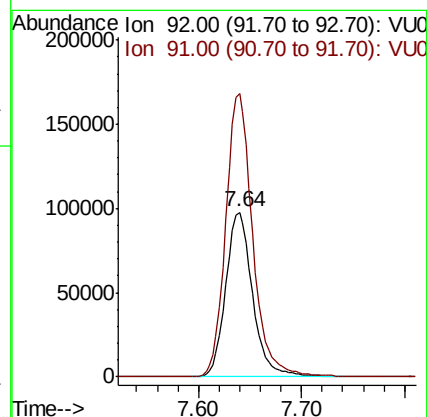
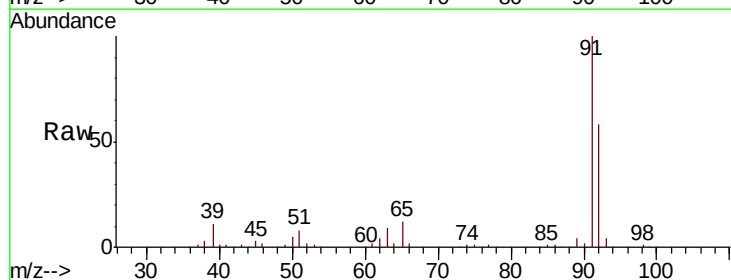
Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

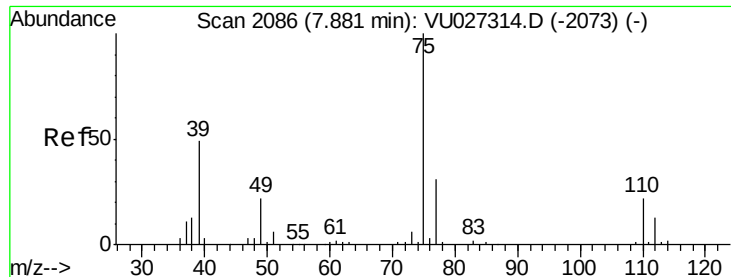
Tgt Ion: 98 Resp: 277190  
Ion Ratio Lower Upper  
98 100  
100 64.6 52.1 78.1



#52  
Toluene  
Concen: 52.892 ug/l  
RT: 7.64 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Tgt Ion: 92 Resp: 177821  
Ion Ratio Lower Upper  
92 100  
91 172.8 138.6 208.0

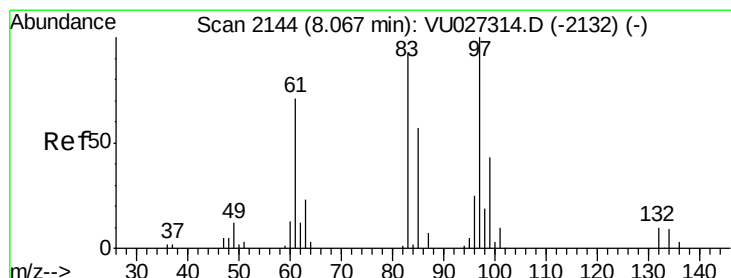
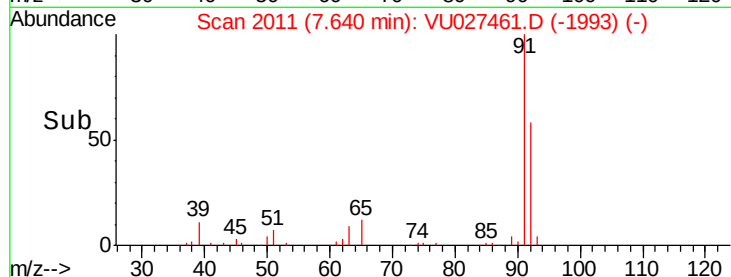
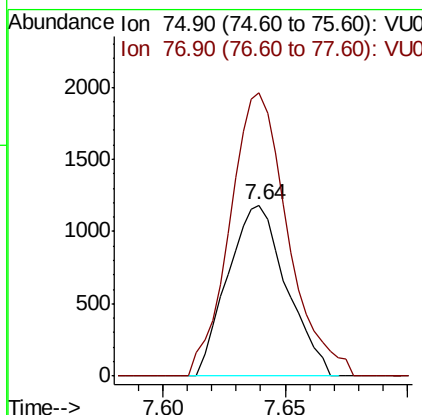
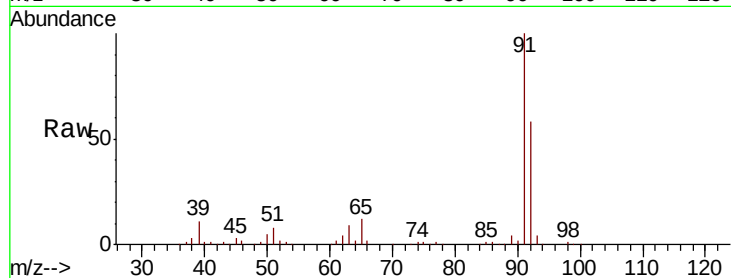




#53  
 t-1,3-Dichloropropene  
 Concen: 0.878 ug/l  
 RT: 7.64 min Scan# 2011  
 Delta R.T. -0.24 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

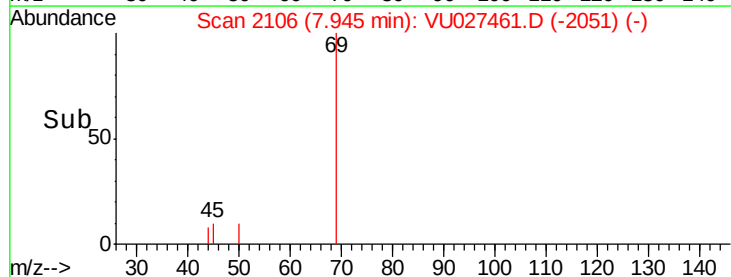
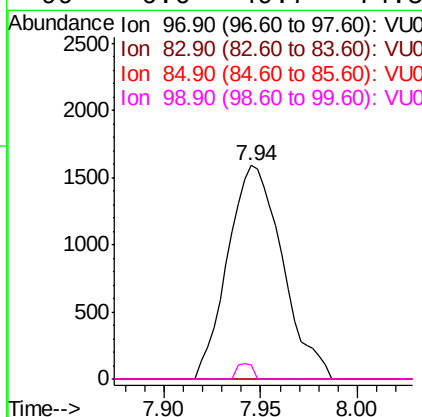
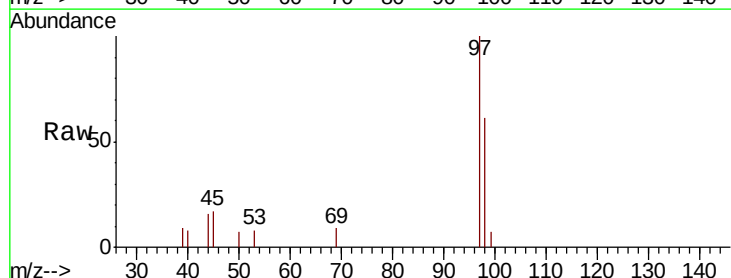
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 QNWP8-MW16S-GWDL

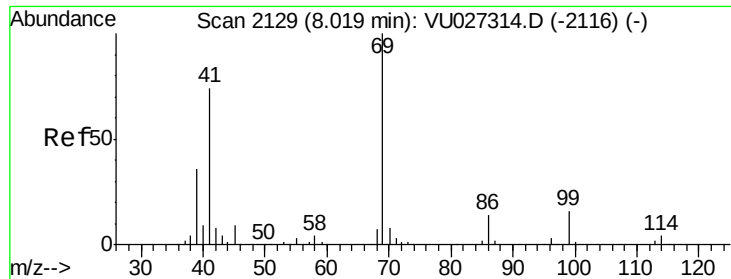
Tgt Ion: 75 Resp: 1977  
 Ion Ratio Lower Upper  
 75 100  
 77 165.7 25.0 37.6#



#55  
 1,1,2-Trichloroethane  
 Concen: 2.341 ug/l  
 RT: 7.94 min Scan# 2106  
 Delta R.T. -0.12 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

Tgt Ion: 97 Resp: 3120  
 Ion Ratio Lower Upper  
 97 100  
 83 0.0 73.0 109.6#  
 85 0.0 47.3 70.9#  
 99 6.6 49.7 74.5#





#56

Ethyl methacrylate

Concen: 2.337 ug/l

RT: 7.94 min Scan# 2105

Delta R.T. -0.08 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

QNWP8-MW16S-GWDL

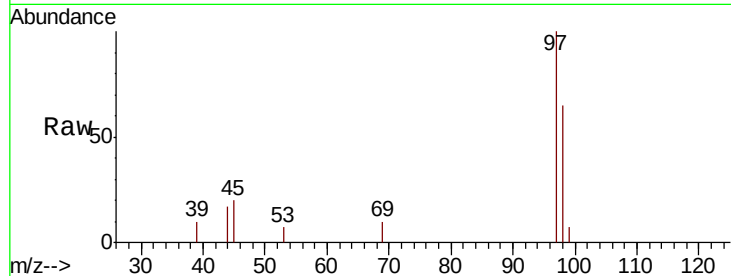
Tgt Ion: 69 Resp: 174

Ion Ratio Lower Upper

69 100

41 0.0 60.0 90.0#

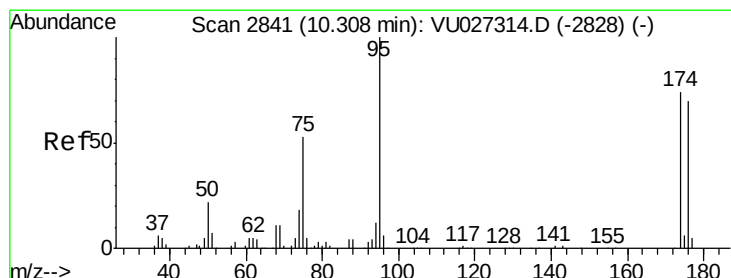
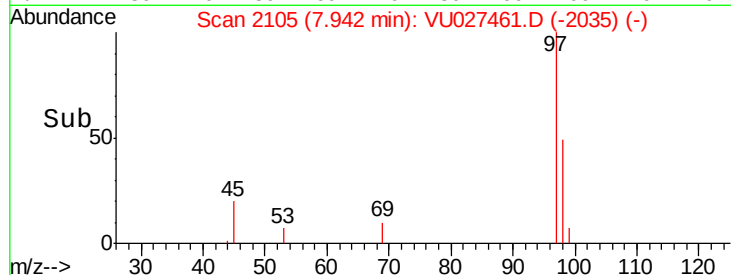
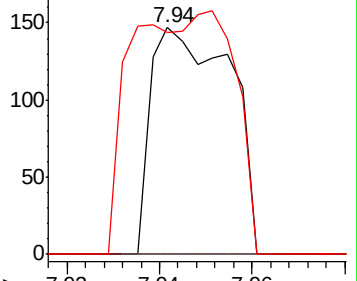
39 62.6 29.5 44.3#



Abundance Ion 69.00 (68.70 to 69.70): VU0

Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0



#62

4-Bromofluorobenzene

Concen: 58.105 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

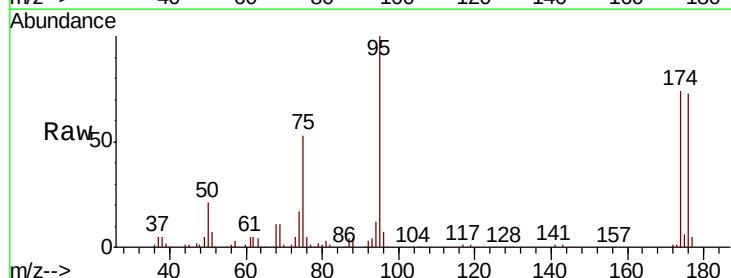
Tgt Ion: 95 Resp: 99473

Ion Ratio Lower Upper

95 100

174 75.3 0.0 147.8

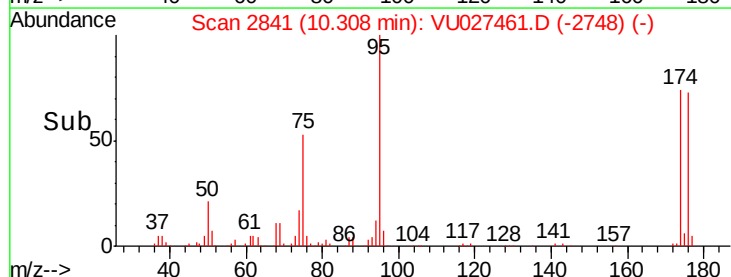
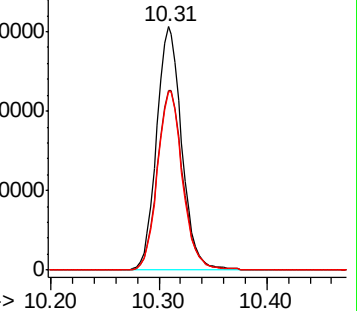
176 73.4 0.0 140.8

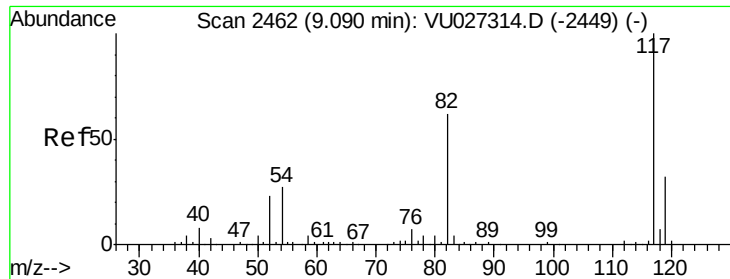


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

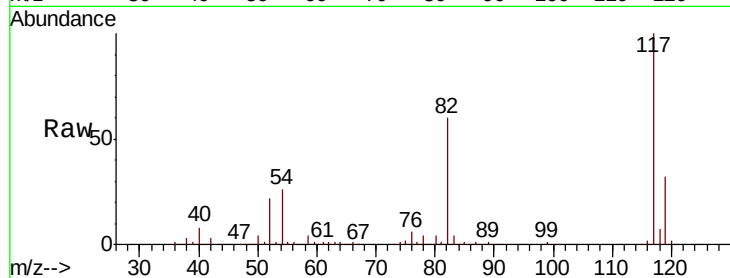




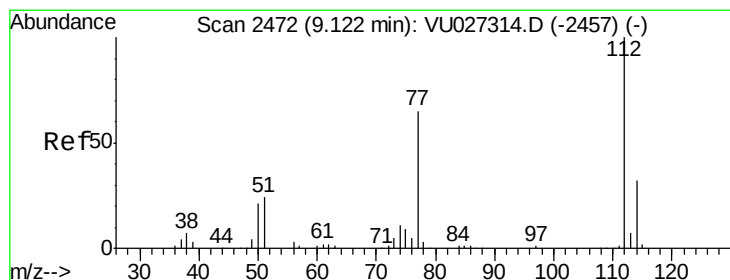
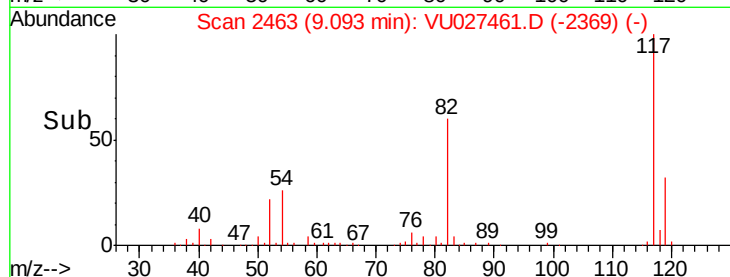
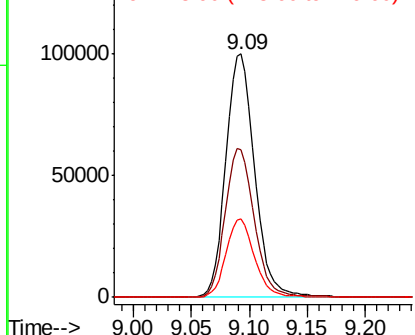
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2463  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

Tgt Ion:117 Resp: 172077  
Ion Ratio Lower Upper  
117 100  
82 60.4 49.2 73.8  
119 32.1 25.7 38.5

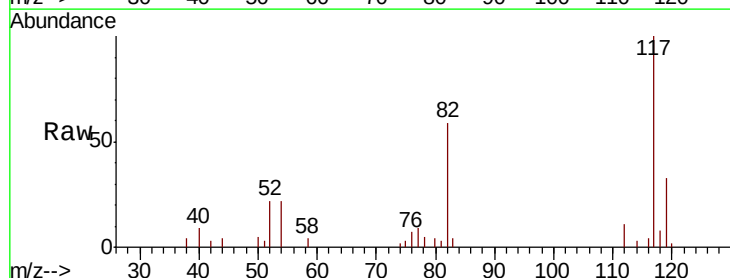


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

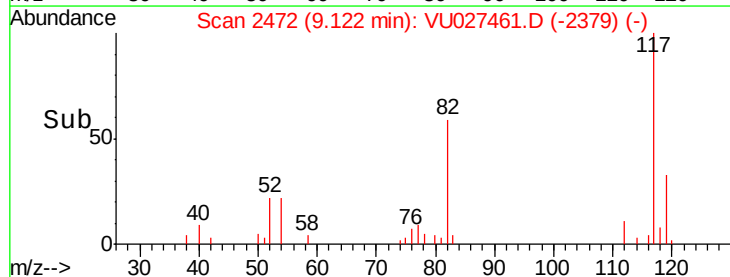
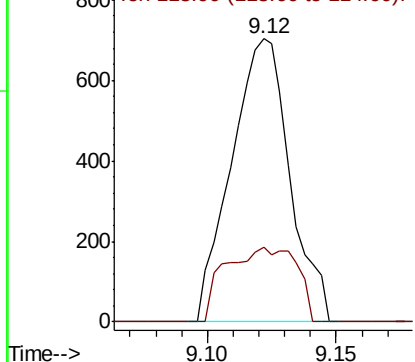


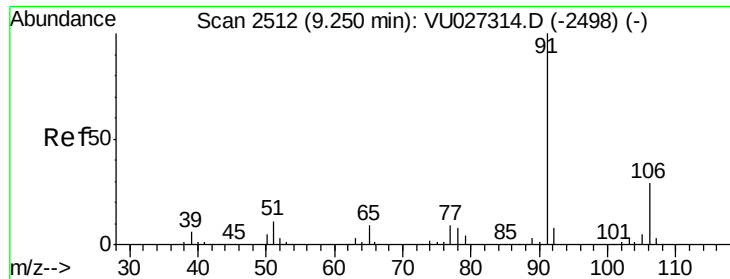
#65  
Chlorobenzene  
Concen: 0.308 ug/l  
RT: 9.12 min Scan# 2472  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Tgt Ion:112 Resp: 1116  
Ion Ratio Lower Upper  
112 100  
114 26.5 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V  
Ion 113.90 (113.60 to 114.60): V





#67

Ethyl Benzene

Concen: 3.187 ug/l

RT: 9.25 min Scan# 2513

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

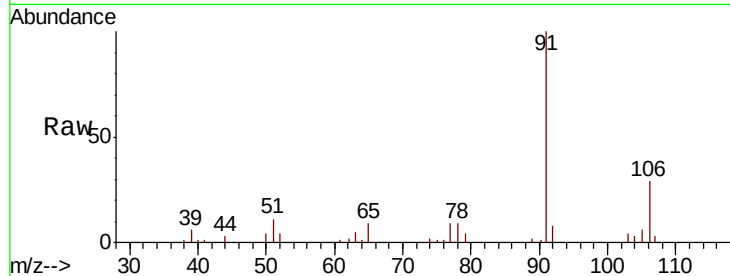
QNWP8-MW16S-GWDL

Tgt Ion: 91 Resp: 20452

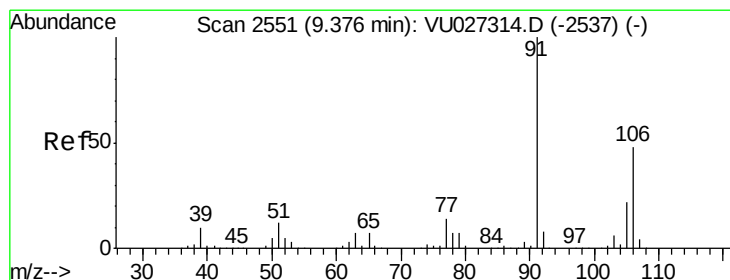
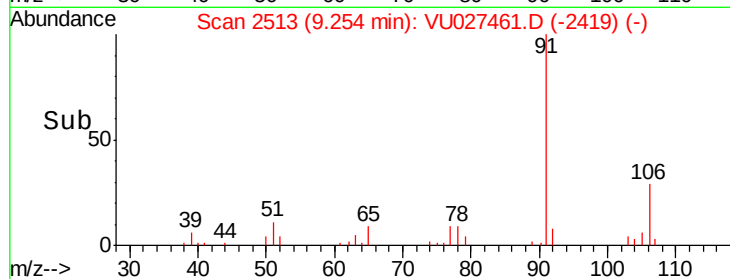
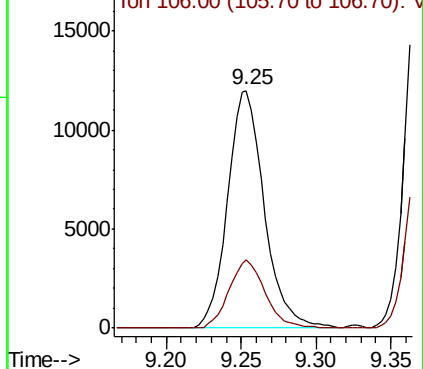
Ion Ratio Lower Upper

91 100

106 28.5 23.6 35.4



Abundance Ion 91.00 (90.70 to 91.70): VU027314.D (-2498) (-)



#68

m/p-Xylenes

Concen: 9.719 ug/l

RT: 9.38 min Scan# 2551

Delta R.T. 0.00 min

Lab File: VU027461.D

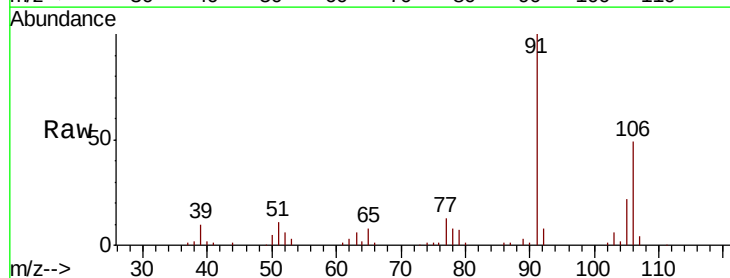
Acq: 05 Oct 2018 18:23

Tgt Ion: 106 Resp: 22813

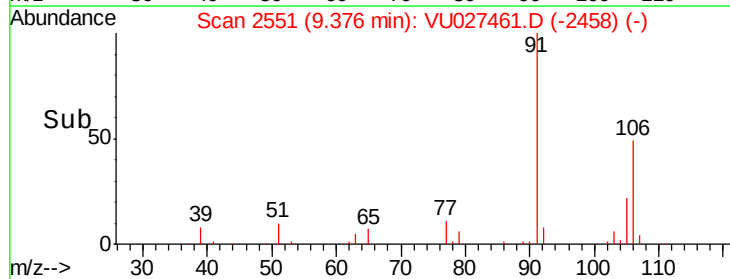
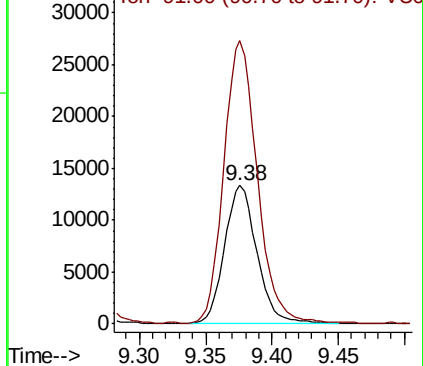
Ion Ratio Lower Upper

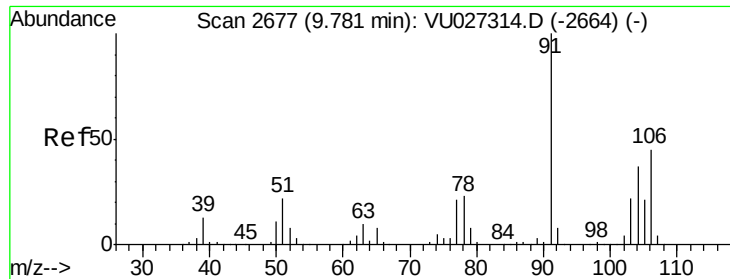
106 100

91 210.5 168.1 252.1



Abundance Ion 106.00 (105.70 to 106.70): VU027314.D (-2537) (-)

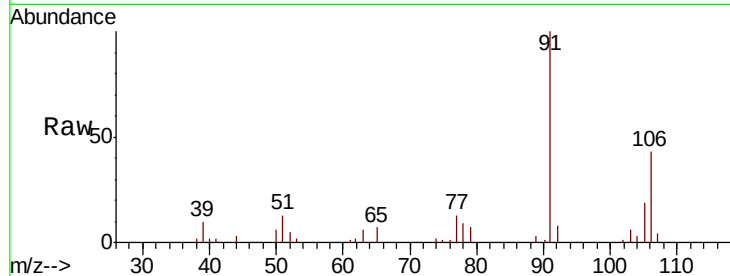




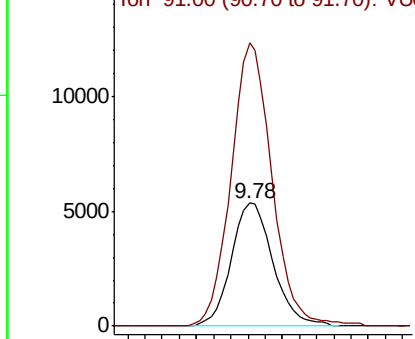
#69  
o-Xylene  
Concen: 4.062 ug/l  
RT: 9.78 min Scan# 2677  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

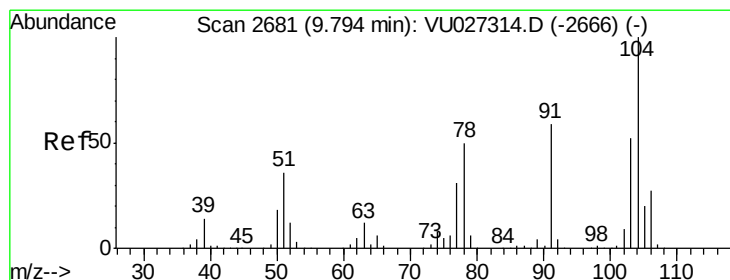
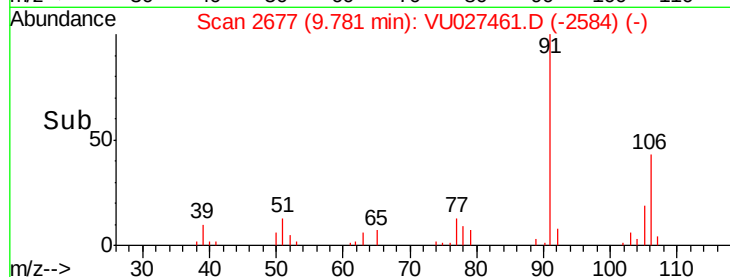
Tgt Ion:106 Resp: 9062  
Ion Ratio Lower Upper  
106 100  
91 226.0 111.7 334.9



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

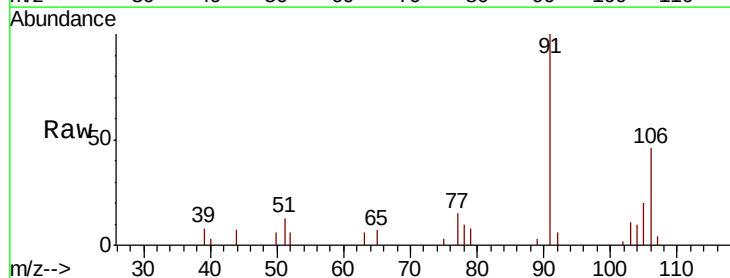


Time-->

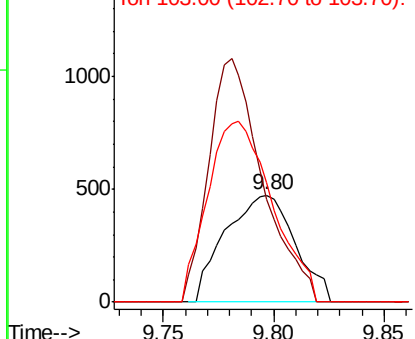


#70  
Styrene  
Concen: 2.537 ug/l  
RT: 9.80 min Scan# 2682  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

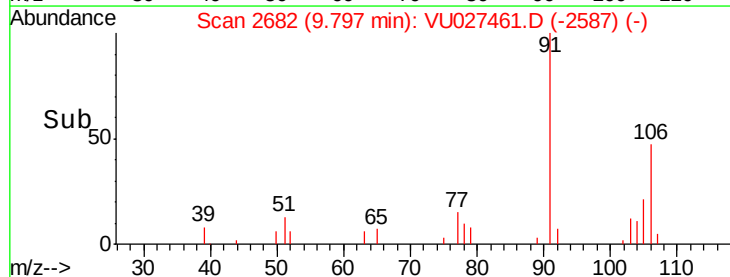
Tgt Ion:104 Resp: 1039  
Ion Ratio Lower Upper  
104 100  
78 175.4 42.9 64.3#  
103 156.6 43.9 65.9#

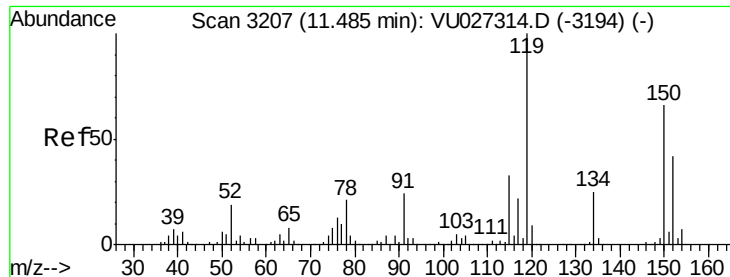


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VU0  
Ion 103.00 (102.70 to 103.70): V



Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.48 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

QNWP8-MW16S-GWDL

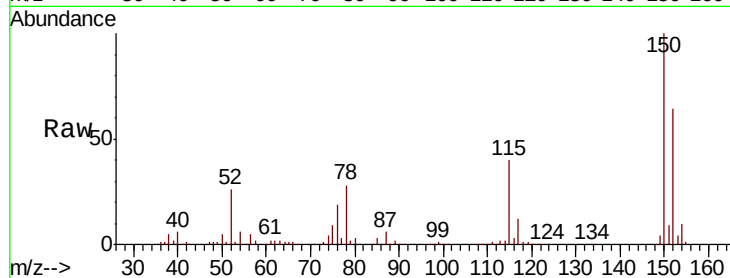
Tgt Ion:152 Resp: 96916

Ion Ratio Lower Upper

152 100

115 61.1 43.4 130.2

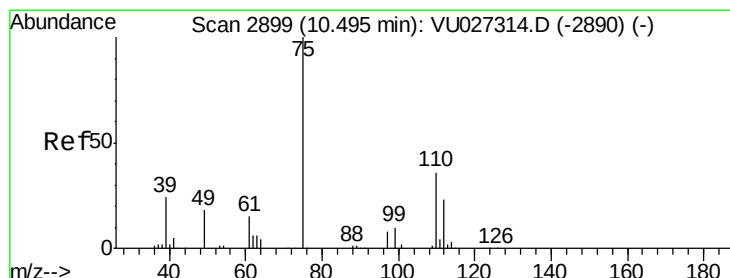
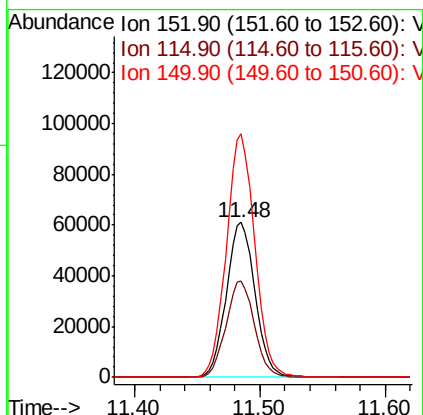
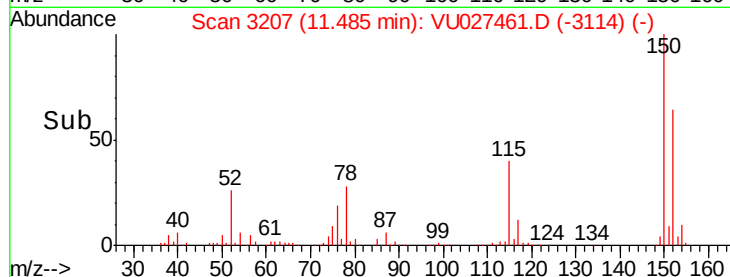
150 155.7 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 20.932 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.19 min

Lab File: VU027461.D

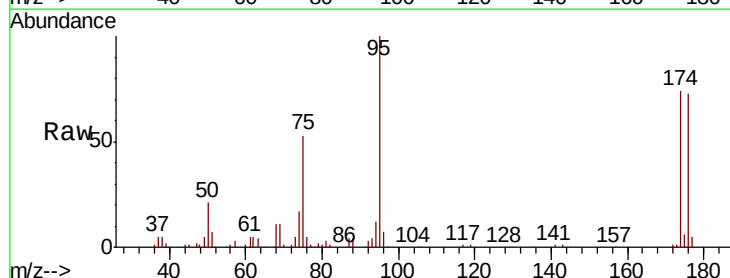
Acq: 05 Oct 2018 18:23

Tgt Ion: 75 Resp: 52588

Ion Ratio Lower Upper

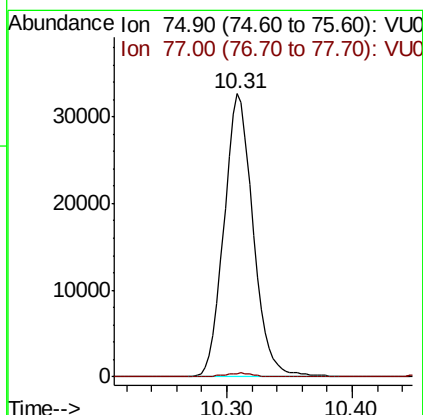
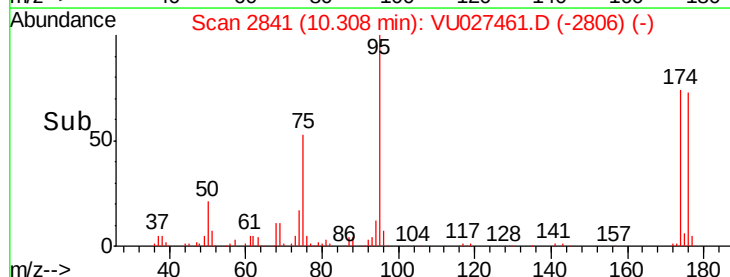
75 100

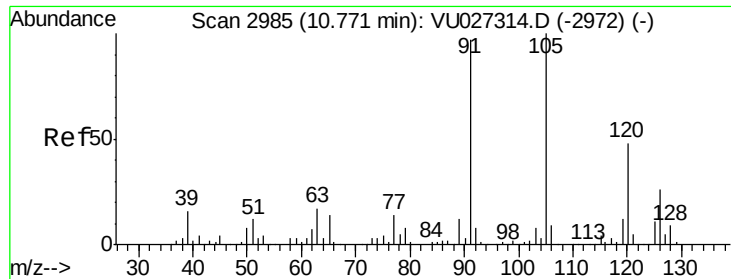
77 1.2 20.3 60.9#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0





#80

1,3,5-Trimethylbenzene

Concen: 0.445 ug/l

RT: 10.77 min Scan# 2985

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

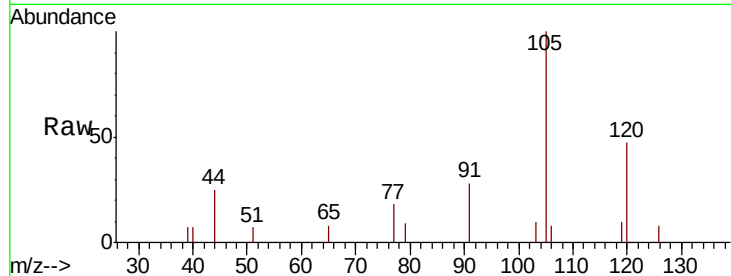
QNWP8-MW16S-GWDL

Tgt Ion: 105 Resp: 2553

Ion Ratio Lower Upper

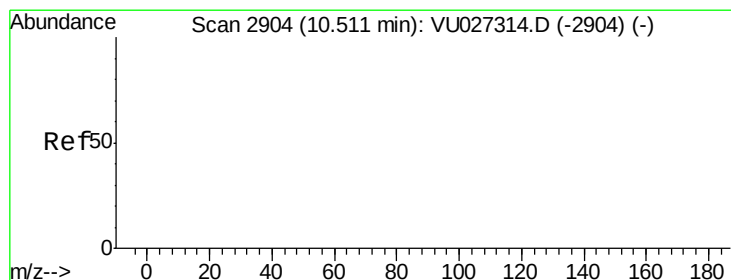
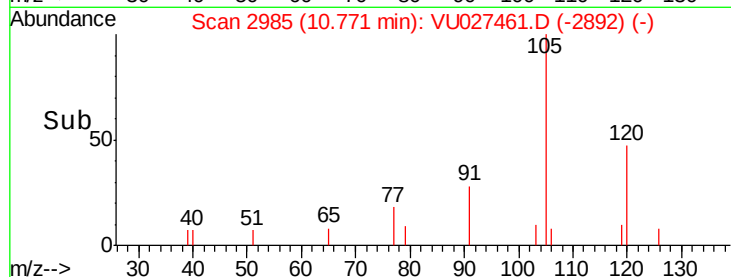
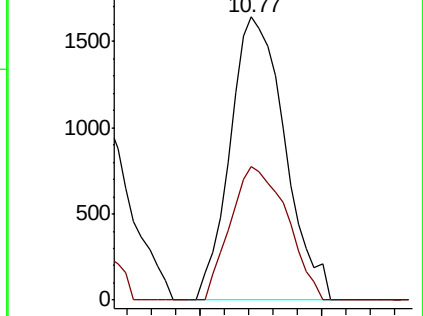
105 100

120 48.9 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 54.782 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.20 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

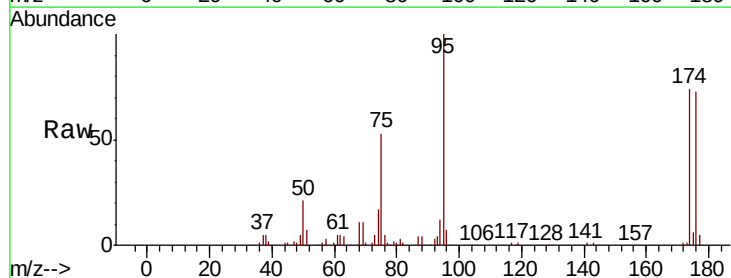
Tgt Ion: 75 Resp: 52588

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

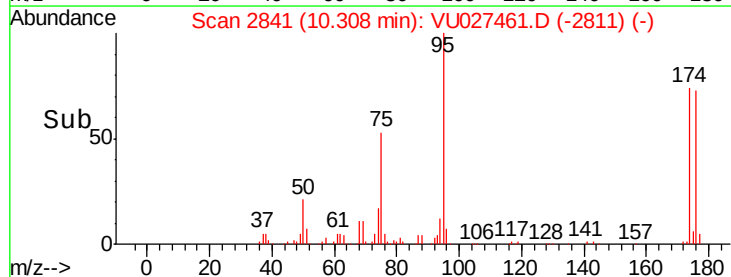
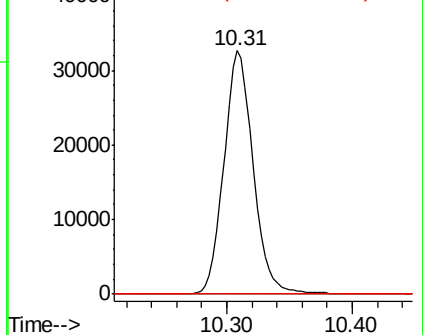
89 0.0 0.0 0.0



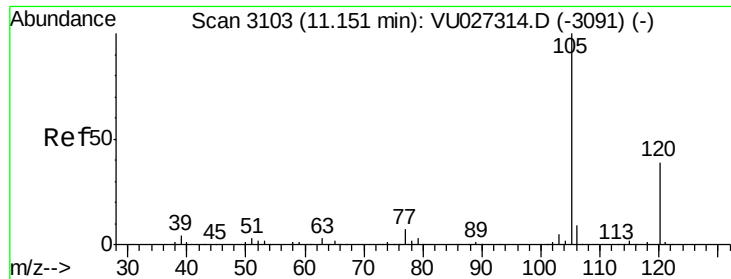
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 53.00 (52.70 to 53.70): VU0

Ion 88.90 (88.60 to 89.60): VU0



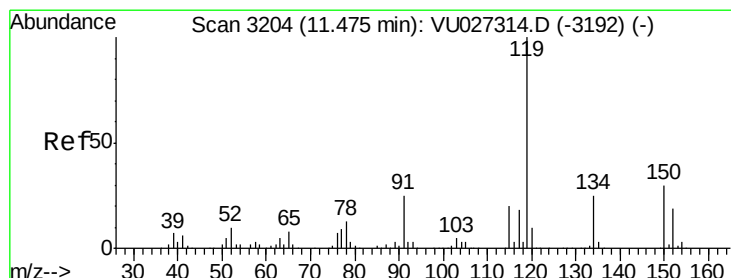
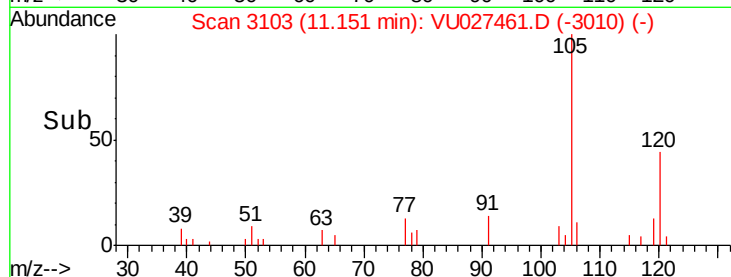
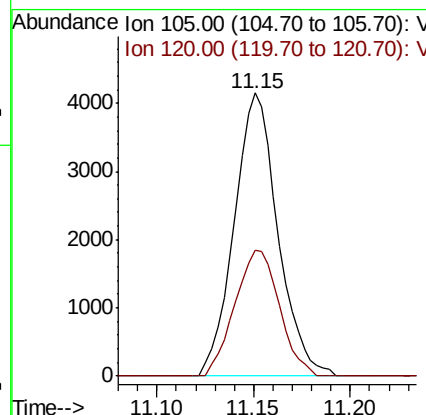
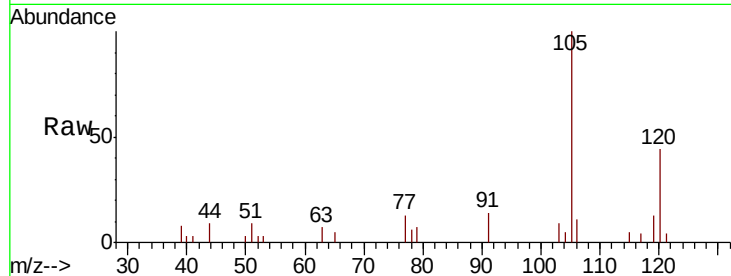




#84  
 1,2,4-Trimethylbenzene  
 Concen: 1.110 ug/l  
 RT: 11.15 min Scan# 3103  
 Delta R.T. 0.00 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

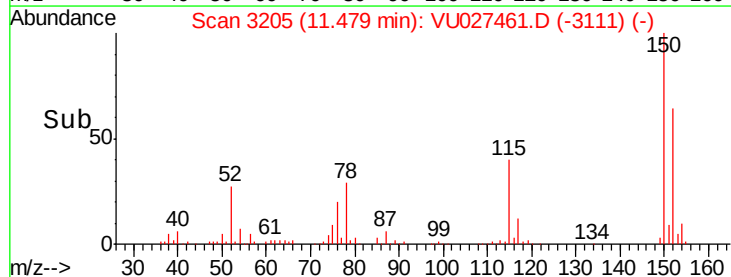
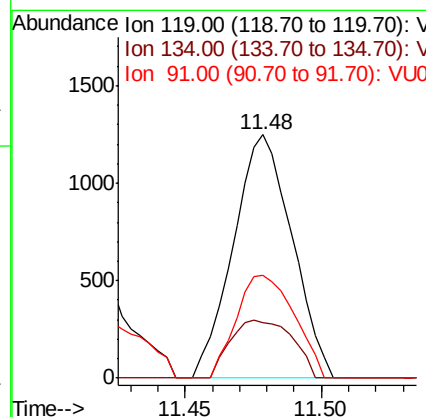
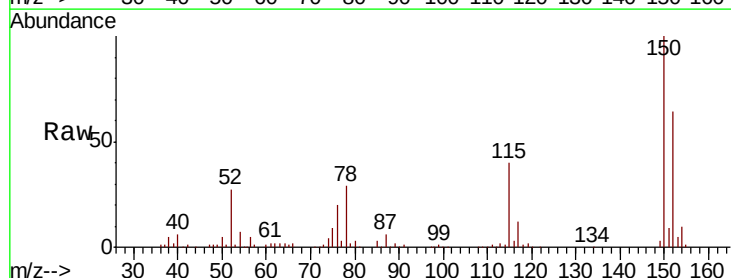
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 QNWP8-MW16S-GWDL

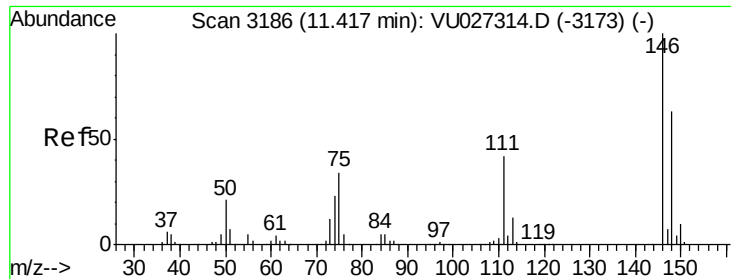
Tgt Ion:105 Resp: 6500  
 Ion Ratio Lower Upper  
 105 100  
 120 45.4 22.1 66.5



#86  
 p-Isopropyltoluene  
 Concen: 0.312 ug/l  
 RT: 11.48 min Scan# 3205  
 Delta R.T. 0.00 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

Tgt Ion:119 Resp: 1867  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.7 38.1  
 91 41.7 12.2 36.4#

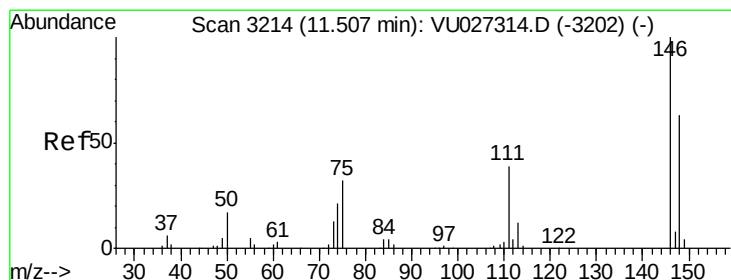
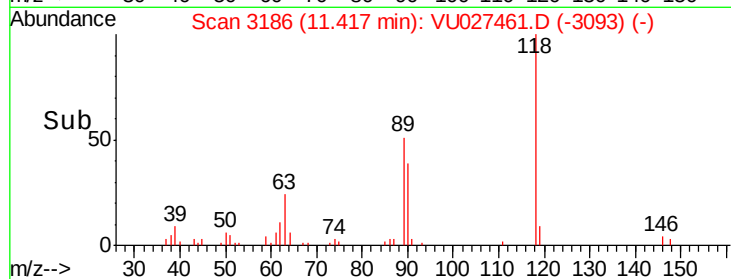
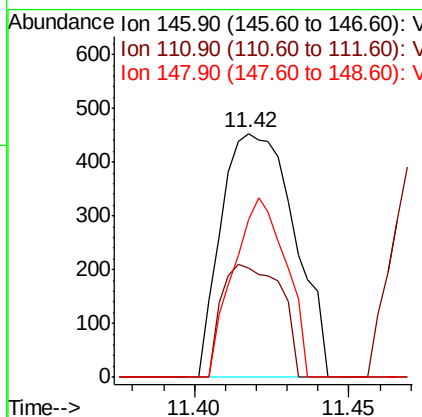
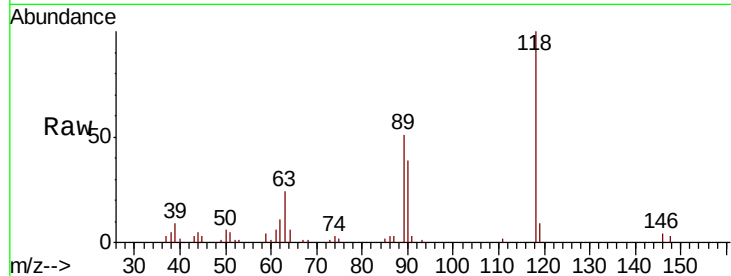




#87  
 1,3-Dichlorobenzene  
 Concen: 0.241 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. 0.00 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

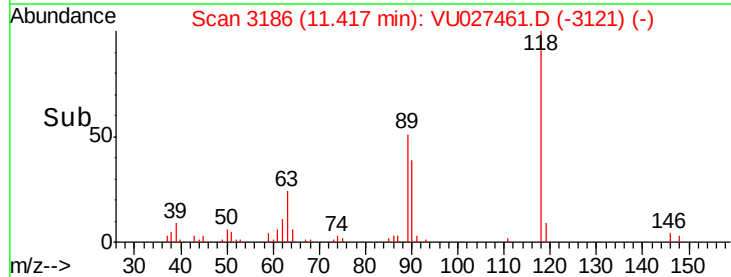
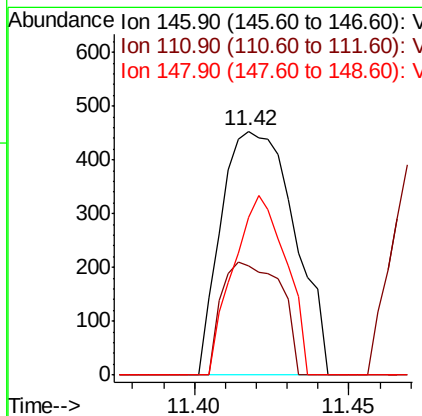
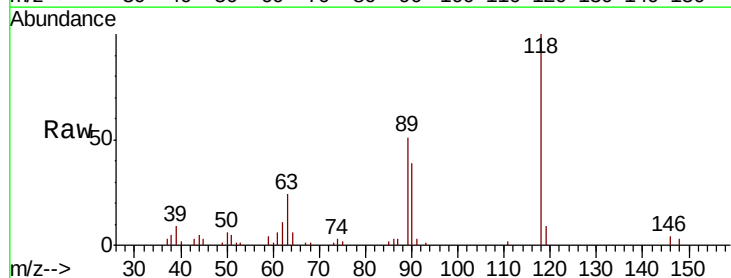
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 QNWP8-MW16S-GWDL

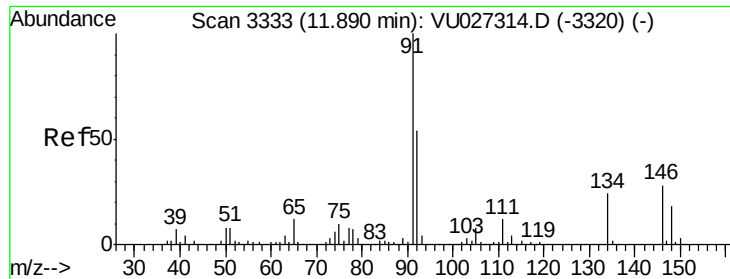
Tgt Ion:146 Resp: 745  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 20.8 62.5  
 148 53.0 31.6 94.8



#88  
 1,4-Dichlorobenzene  
 Concen: 0.235 ug/l  
 RT: 11.42 min Scan# 3186  
 Delta R.T. -0.09 min  
 Lab File: VU027461.D  
 Acq: 05 Oct 2018 18:23

Tgt Ion:146 Resp: 745  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 20.4 61.2  
 148 53.0 31.9 95.5

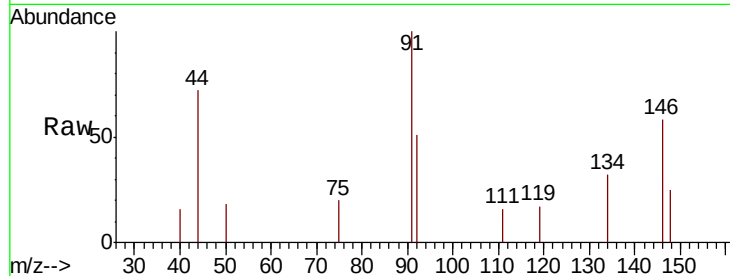




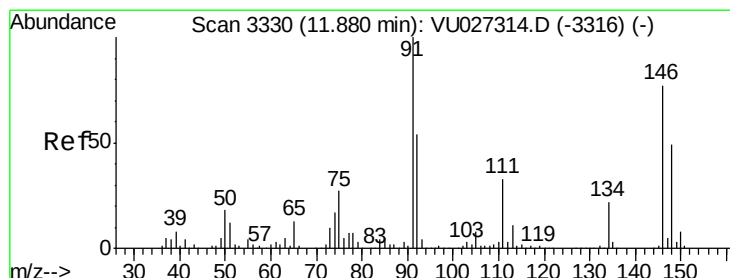
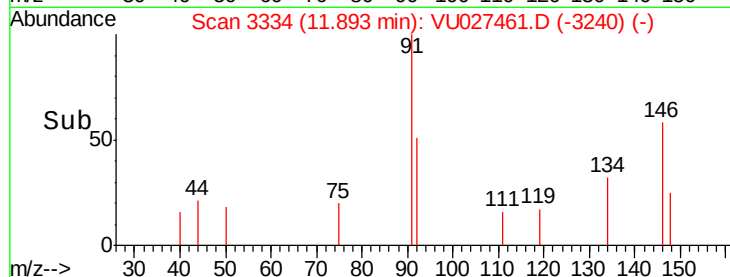
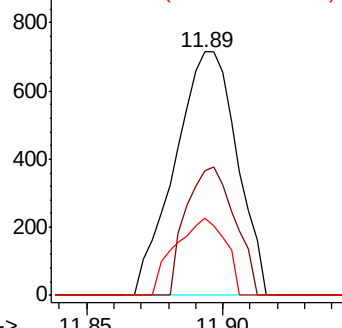
#89  
n-Butylbenzene  
Concen: 2.120 ug/l  
RT: 11.89 min Scan# 3334  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

Tgt Ion: 91 Resp: 1127  
Ion Ratio Lower Upper  
91 100  
92 41.2 27.0 81.0  
134 25.6 11.7 35.1

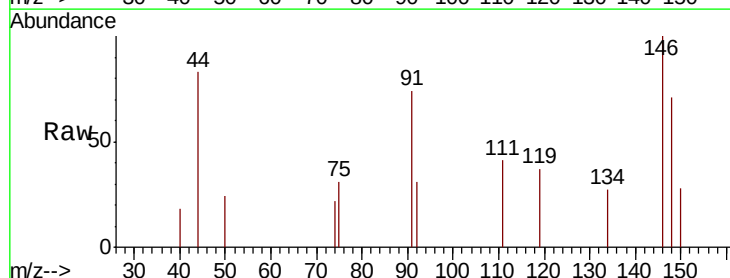


Abundance Ion 91.00 (90.70 to 91.70): VU0  
Ion 92.00 (91.70 to 92.70): VU0  
Ion 134.00 (133.70 to 134.70): V

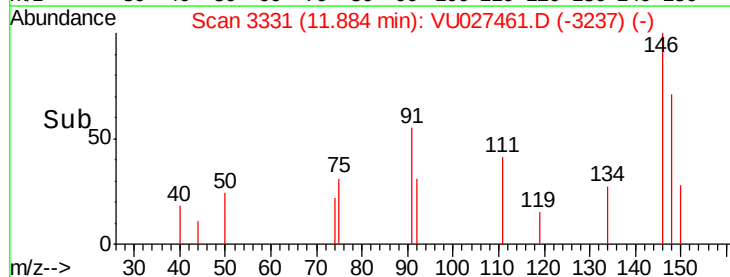
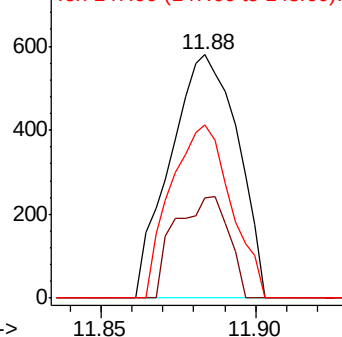


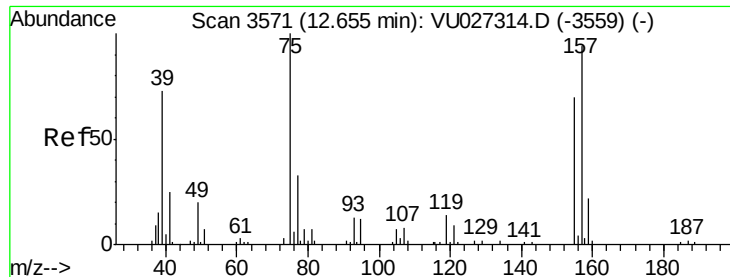
#91  
1,2-Dichlorobenzene  
Concen: 0.292 ug/l  
RT: 11.88 min Scan# 3331  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Tgt Ion: 146 Resp: 879  
Ion Ratio Lower Upper  
146 100  
111 32.8 21.8 65.4  
148 63.5 31.9 95.5



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.460 ug/l

RT: 12.70 min Scan# 3584

Delta R.T. 0.04 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

Instrument :

MSVOA\_U

ClientSampleId :

QNWP8-MW16S-GWDL

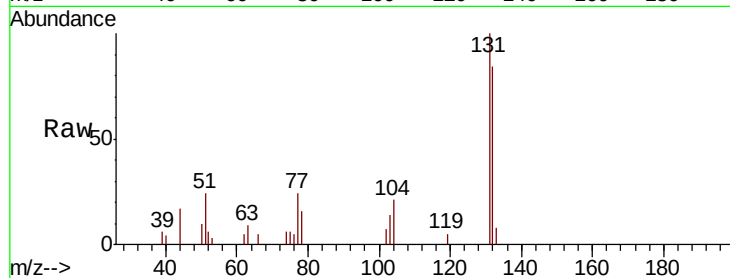
Tgt Ion: 75 Resp: 282

Ion Ratio Lower Upper

75 100

155 0.0 35.9 107.8#

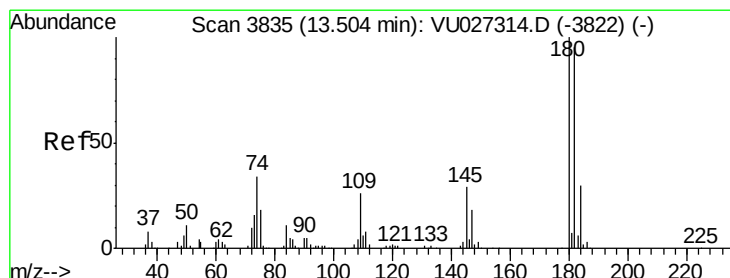
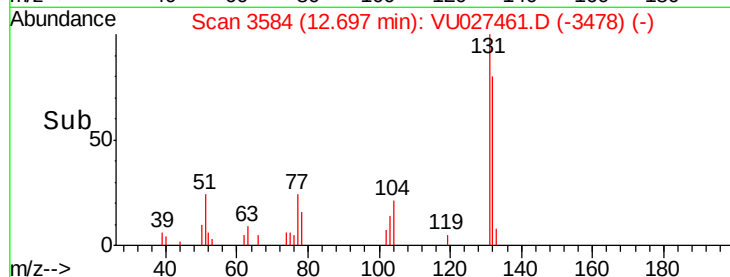
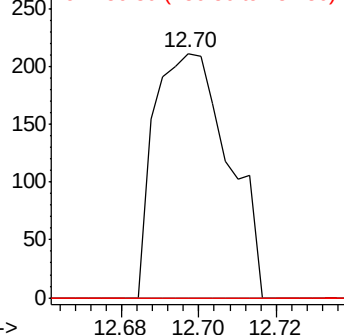
157 0.0 46.9 140.6#



Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 0.545 ug/l

RT: 13.51 min Scan# 3836

Delta R.T. 0.00 min

Lab File: VU027461.D

Acq: 05 Oct 2018 18:23

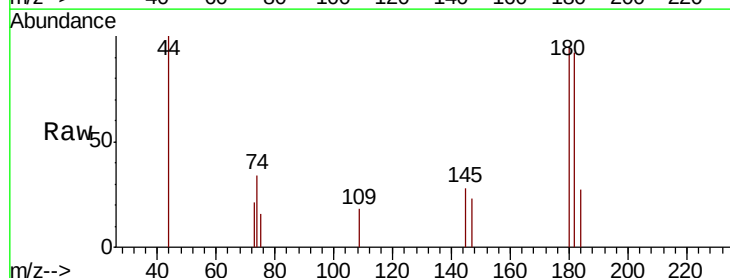
Tgt Ion: 180 Resp: 1063

Ion Ratio Lower Upper

180 100

182 100.5 47.4 142.3

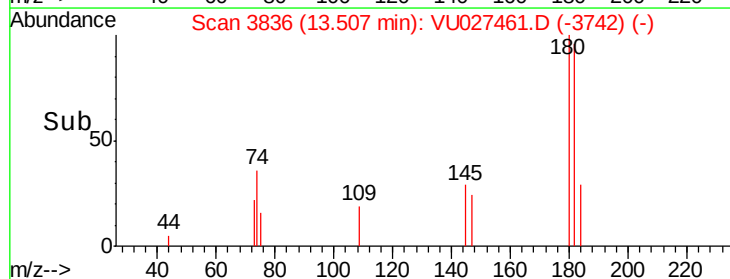
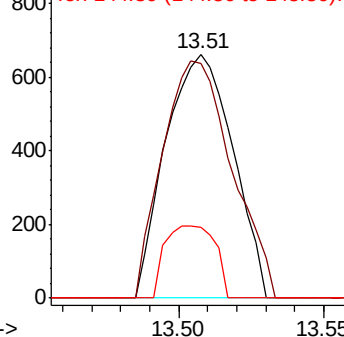
145 22.0 14.6 44.0

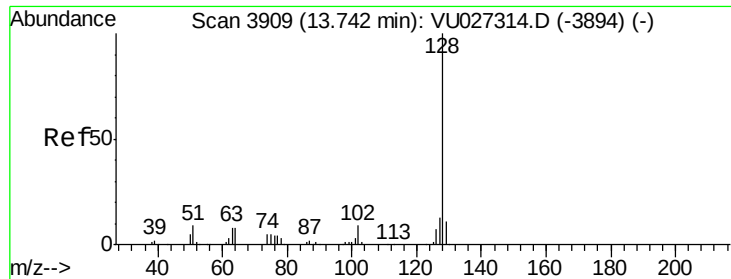


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

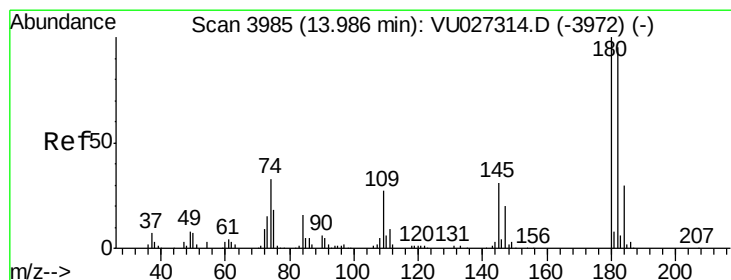
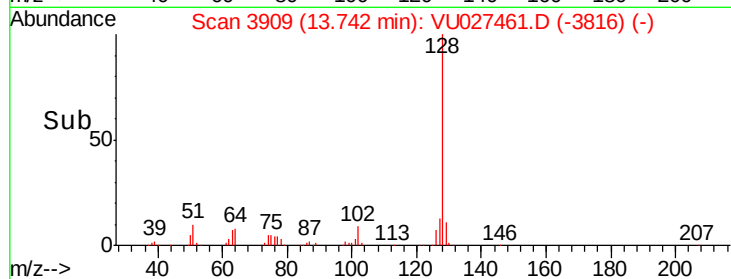
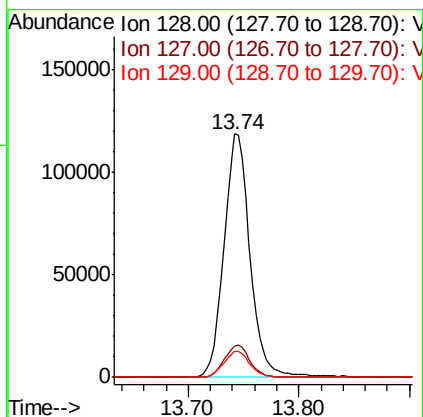
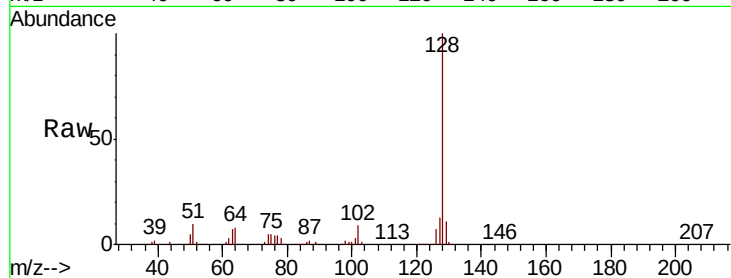




#95  
Naphthalene  
Concen: 27.288 ug/l  
RT: 13.74 min Scan# 3909  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Instrument :  
MSVOA\_U  
ClientSampleId :  
QNWP8-MW16S-GWDL

Tgt Ion:128 Resp: 194228  
Ion Ratio Lower Upper  
128 100  
127 13.1 10.5 15.7  
129 10.9 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 0.464 ug/l  
RT: 13.99 min Scan# 3986  
Delta R.T. 0.00 min  
Lab File: VU027461.D  
Acq: 05 Oct 2018 18:23

Tgt Ion:180 Resp: 943  
Ion Ratio Lower Upper  
180 100  
182 93.7 47.4 142.2  
145 31.6 15.9 47.7

