

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU092618\  
 Data File : VU027181.D  
 Acq On : 26 Sep 2018 16:37  
 Operator : MD/SY  
 Sample : J5049-08  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-41-SEP18

Quant Time: Sep 27 01:07:49 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Sep 22 01:31:57 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units   | Dev(Min) |
|--------------------------------|-------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene          | 4.99  | 168  | 92100    | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 5.89  | 114  | 153565   | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 9.09  | 117  | 150773   | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 11.48 | 152  | 72347    | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds    |       |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4      | 5.31  | 65   | 96141    | 51.87   | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 103.74% |          |
| 35) Dibromofluoromethane       | 4.89  | 113  | 65794    | 49.43   | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 98.86%  |          |
| 50) Toluene-d8                 | 7.57  | 98   | 250364   | 49.35   | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 98.70%  |          |
| 62) 4-Bromofluorobenzene       | 10.31 | 95   | 85195    | 48.94   | ug/l    | 0.00     |
| Spiked Amount 50.000           |       |      | Recovery | =       | 97.88%  |          |
| Target Compounds               |       |      |          |         |         |          |
|                                |       |      |          |         | Qvalue  |          |
| 4) Vinyl Chloride              | 1.40  | 62   | 700347   | 361.890 | ug/l    | 100      |
| 6) Chloroethane                | 1.56  | 64   | 6546     | 5.294   | ug/l #  | 43       |
| 11) Tert butyl alcohol         | 2.84  | 59   | 1218     | 2.867   | ug/l #  | 72       |
| 12) 1,1-Dichloroethene         | 2.29  | 96   | 4880     | 3.836   | ug/l    | 95       |
| 16) Acetone                    | 2.32  | 43   | 83845    | 73.435  | ug/l    | 100      |
| 17) Carbon Disulfide           | 2.48  | 76   | 1216     | 0.293   | ug/l #  | 75       |
| 18) Methyl Acetate             | 2.45  | 43   | 13551    | 5.136   | ug/l #  | 55       |
| 21) trans-1,2-Dichloroethene   | 2.98  | 96   | 4127     | 3.039   | ug/l    | 97       |
| 25) 2-Butanone                 | 4.27  | 43   | 153350   | 98.440  | ug/l    | 96       |
| 26) 2,2-Dichloropropane        | 4.20  | 77   | 1030     | 0.435   | ug/l #  | 55       |
| 27) cis-1,2-Dichloroethene     | 4.23  | 96   | 157016   | 102.374 | ug/l    | 91       |
| 31) Cyclohexane                | 4.98  | 56   | 2562     | 0.356   | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 4.99  | 75   | 9208     | 4.493   | ug/l #  | 49       |
| 37) Ethyl Acetate              | 4.27  | 43   | 153350   | 55.271  | ug/l #  | 70       |
| 38) Carbon Tetrachloride       | 4.99  | 117  | 9666     | 4.956   | ug/l #  | 17       |
| 39) Methylcyclohexane          | 6.19  | 83   | 1273     | 0.572   | ug/l #  | 1        |
| 41) Methacrylonitrile          | 4.57  | 41   | 662      | 0.459   | ug/l #  | 38       |
| 44) Trichloroethene            | 6.19  | 130  | 90686    | 68.370  | ug/l    | 97       |
| 48) Methyl methacrylate        | 6.53  | 41   | 2538     | 2.141   | ug/l #  | 47       |
| 51) 4-Methyl-2-Pentanone       | 7.47  | 43   | 13266    | 4.875   | ug/l    | 90       |
| 52) Toluene                    | 7.64  | 92   | 1918     | 0.537   | ug/l    | 89       |
| 55) 1,1,2-Trichloroethane      | 8.23  | 97   | 525      | 0.347   | ug/l #  | 11       |
| 59) 2-Hexanone                 | 8.37  | 43   | 12453    | 5.846   | ug/l    | 95       |
| 60) Dibromochloromethane       | 8.23  | 129  | 45120    | 30.397  | ug/l #  | 11       |
| 64) Tetrachloroethene          | 8.23  | 164  | 46464    | 39.993  | ug/l    | 97       |
| 68) m/p-Xylenes                | 9.38  | 106  | 242      | 1.590   | ug/l #  | 64       |
| 74) N-amyl acetate             | 10.06 | 43   | 900      | 0.283   | ug/l #  | 31       |
| 76) 1,2,3-Trichloropropane     | 10.31 | 75   | 45848    | 20.860  | ug/l #  | 35       |
| 81) trans-1,4-Dichloro-2-buten | 10.31 | 75   | 45848    | 66.756  | ug/l #  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.15 | 105  | 1309     | 0.283   | ug/l    | 87       |
| 86) p-Isopropyltoluene         | 11.48 | 119  | 128      | 0.952   | ug/l #  | 1        |
| 89) n-Butylbenzene             | 11.89 | 91   | 20       | 2.396   | ug/l #  | 33       |
| 95) Naphthalene                | 13.75 | 128  | 285      | 1.735   | ug/l #  | 69       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU092618\  
Data File : VU027181.D  
Acq On : 26 Sep 2018 16:37  
Operator : MD/SY  
Sample : J5049-08  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

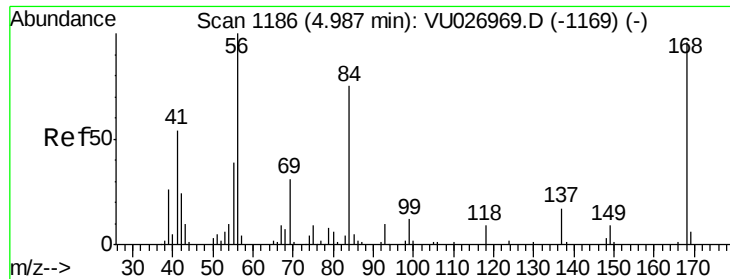
Quant Time: Sep 27 01:07:49 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\82U092218W.M  
Quant Title : SW846 8260  
QLast Update : Sat Sep 22 01:31:57 2018  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

-----

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

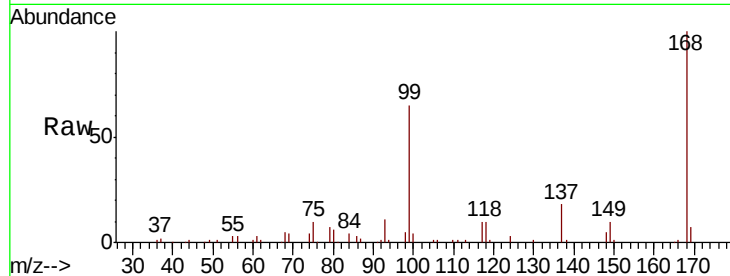
MW-41-SEP18

Tgt Ion:168 Resp: 92100

Ion Ratio Lower Upper

168 100

99 64.9 48.1 72.1



Abundance Ion 167.90 (167.60 to 168.60): VU026969.D (-1169) (-)

Ion 98.90 (98.60 to 99.60): VU026969.D (-1169) (-)

4.99

40000

30000

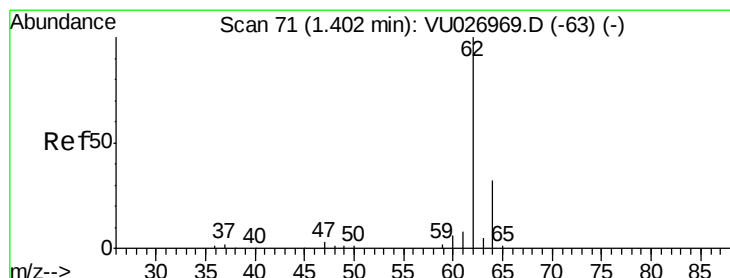
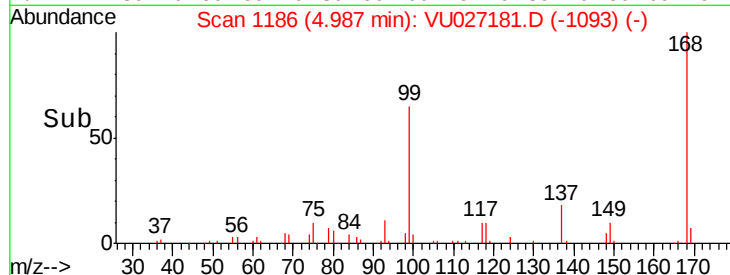
20000

10000

0

4.90 4.95 5.00 5.05 5.10

Time-->



#4

Vinyl Chloride

Concen: 361.890 ug/l

RT: 1.40 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU027181.D

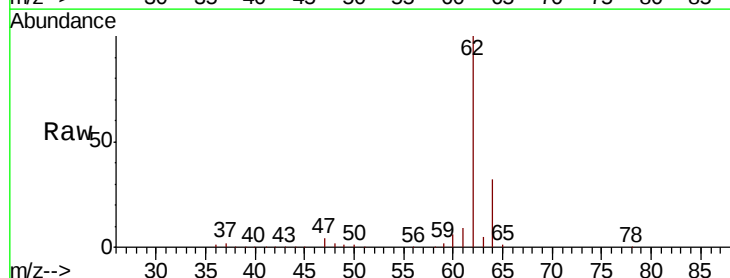
Acq: 26 Sep 2018 16:37

Tgt Ion: 62 Resp: 700347

Ion Ratio Lower Upper

62 100

64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VU026969.D (-63) (-)

Ion 63.90 (63.60 to 64.60): VU026969.D (-63) (-)

1.40

800000

600000

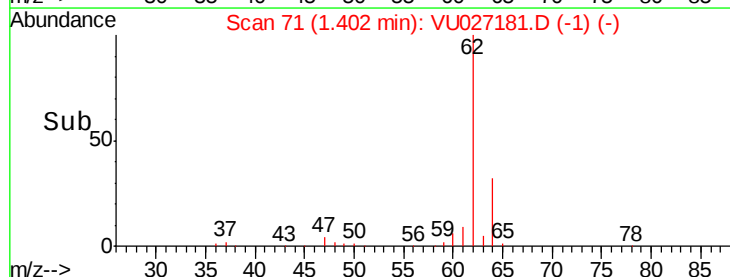
400000

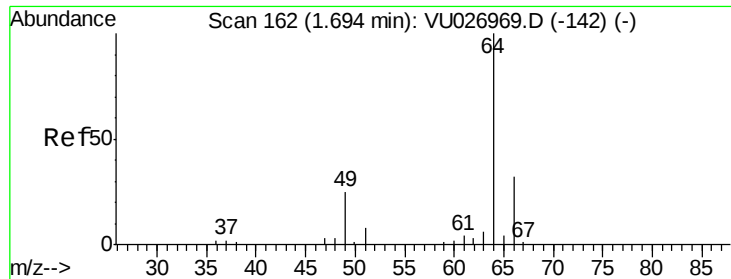
200000

0

1.35 1.40 1.45

Time-->





#6

Chloroethane

Concen: 5.294 ug/l

RT: 1.56 min Scan# 121

Delta R.T. -0.13 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

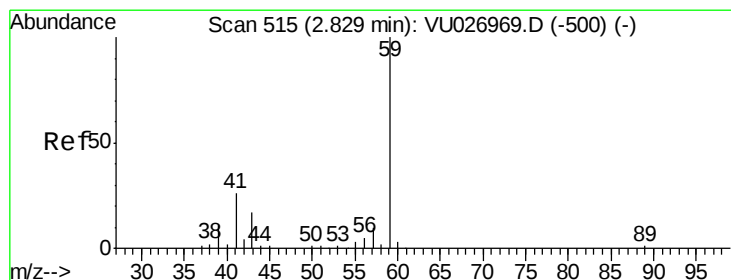
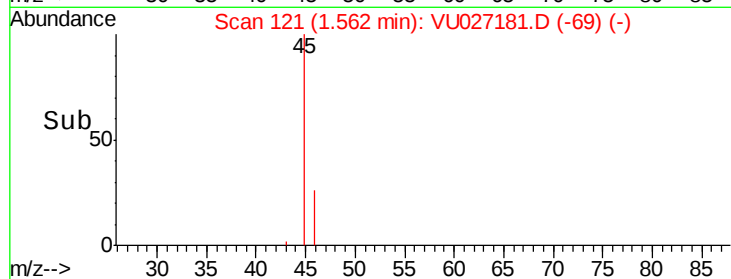
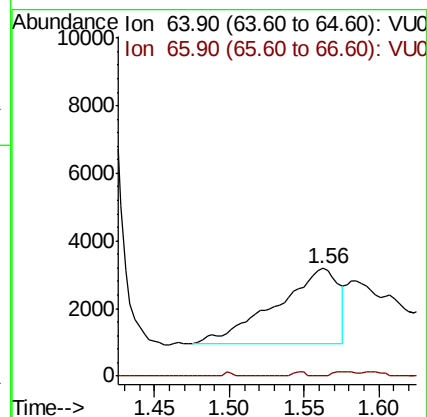
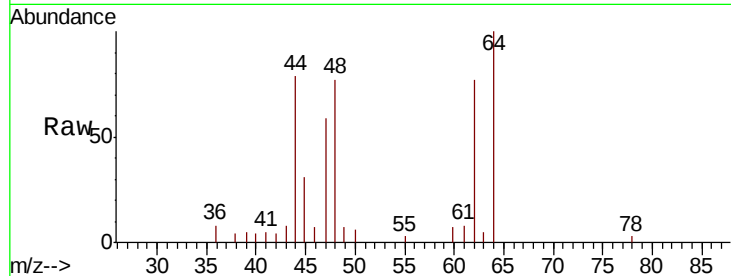
MW-41-SEP18

Tgt Ion: 64 Resp: 6546

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



#11

Tert butyl alcohol

Concen: 2.867 ug/l

RT: 2.84 min Scan# 519

Delta R.T. 0.01 min

Lab File: VU027181.D

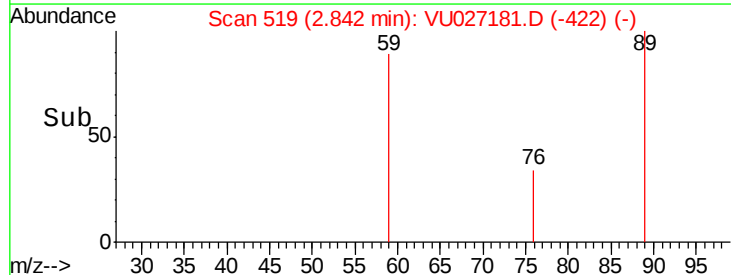
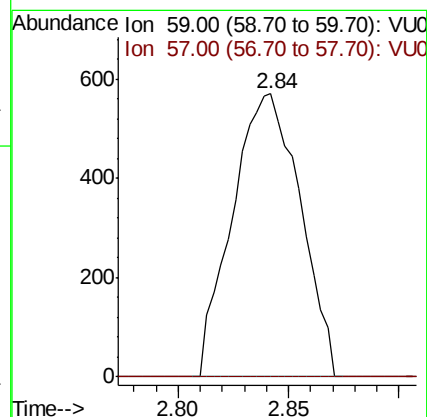
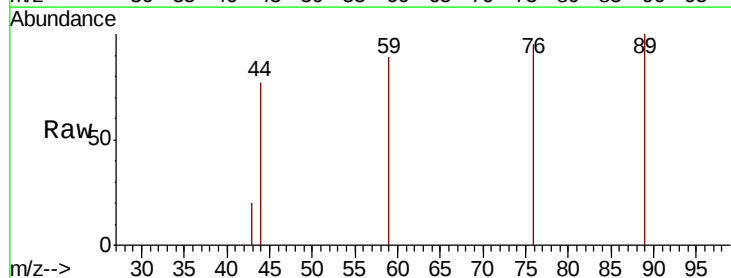
Acq: 26 Sep 2018 16:37

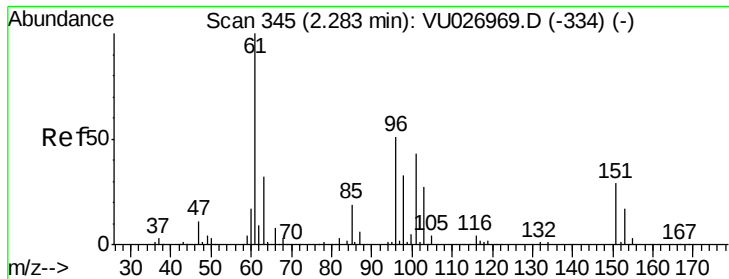
Tgt Ion: 59 Resp: 1218

Ion Ratio Lower Upper

59 100

57 0.0 8.5 12.7#

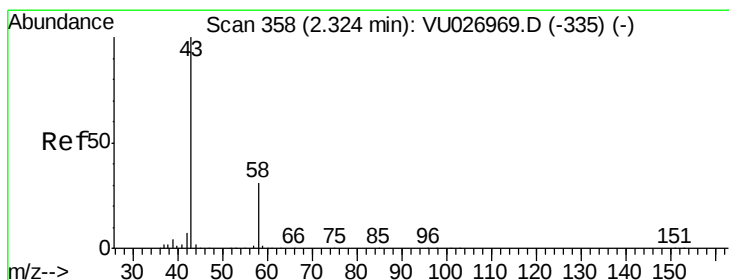
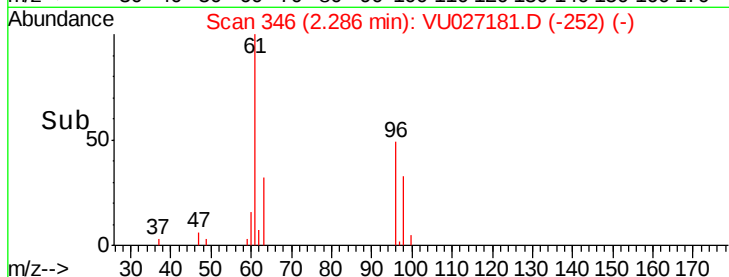
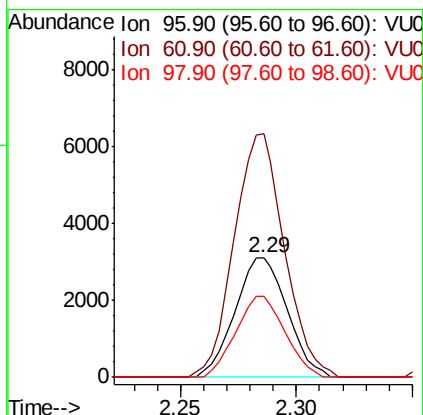
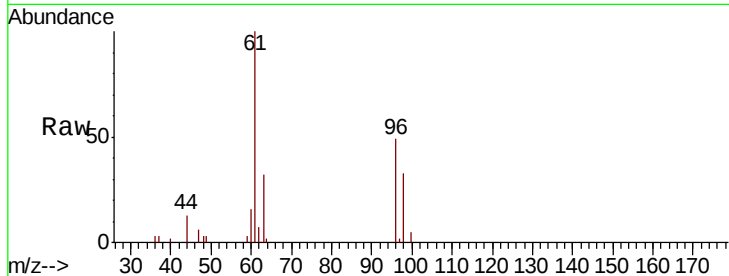




#12  
 1,1-Dichloroethene  
 Concen: 3.836 ug/l  
 RT: 2.29 min Scan# 346  
 Delta R.T. 0.00 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

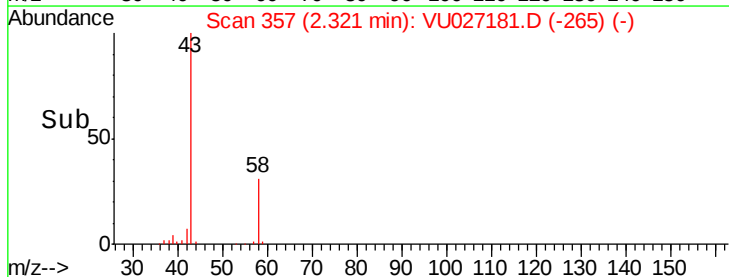
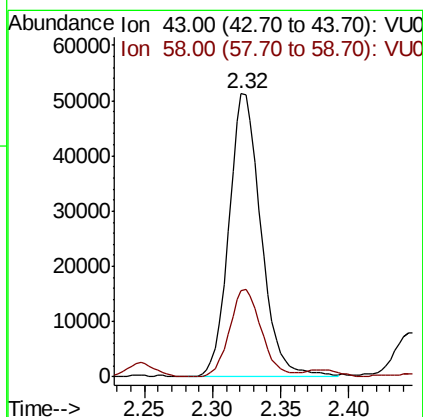
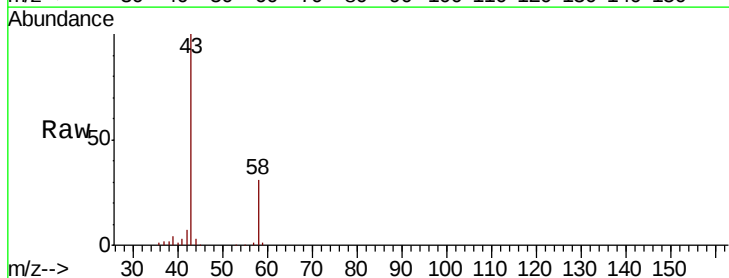
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-41-SEP18

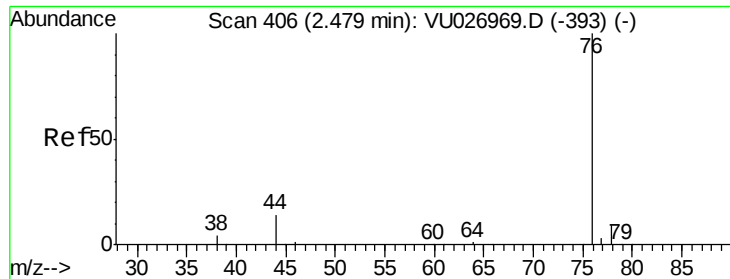
Tgt Ion: 96 Resp: 4880  
 Ion Ratio Lower Upper  
 96 100  
 61 203.0 156.1 234.1  
 98 67.5 51.4 77.0



#16  
 Acetone  
 Concen: 73.435 ug/l  
 RT: 2.32 min Scan# 357  
 Delta R.T. -0.00 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

Tgt Ion: 43 Resp: 83845  
 Ion Ratio Lower Upper  
 43 100  
 58 30.6 24.6 36.8

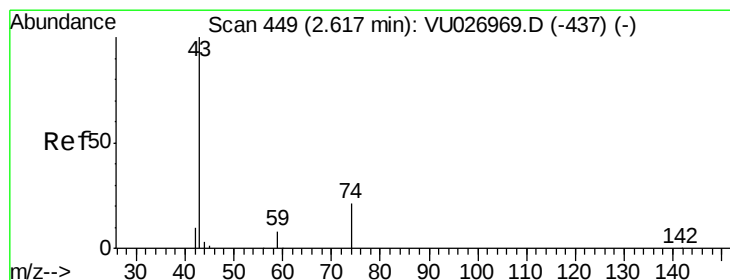
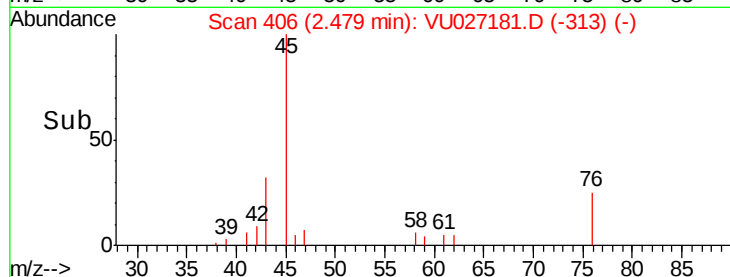
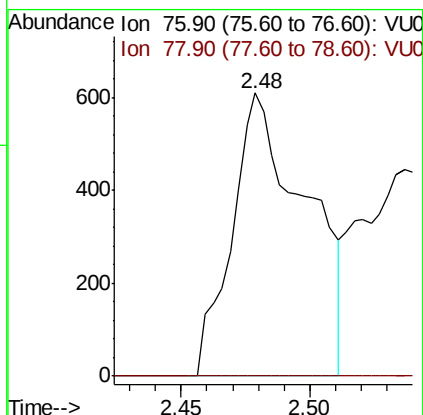
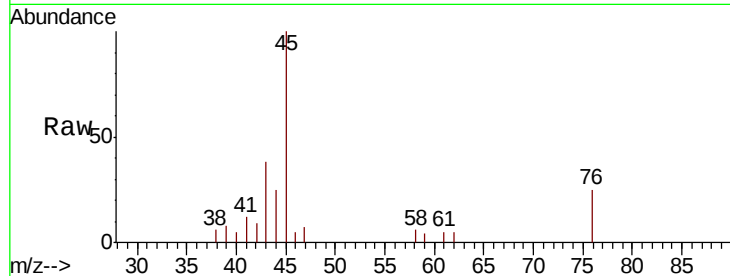




#17  
Carbon Disulfide  
Concen: 0.293 ug/l  
RT: 2.48 min Scan# 406  
Delta R.T. -0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

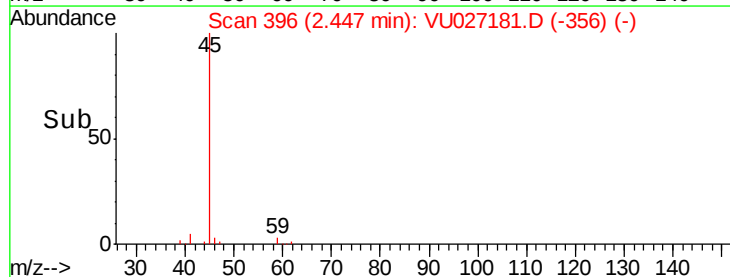
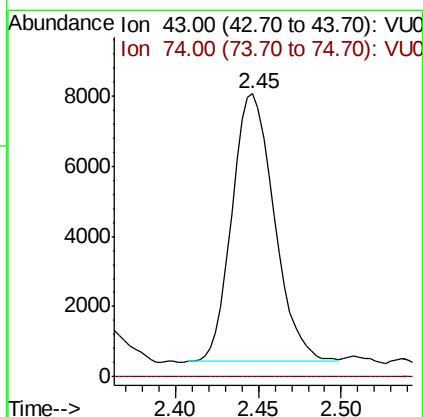
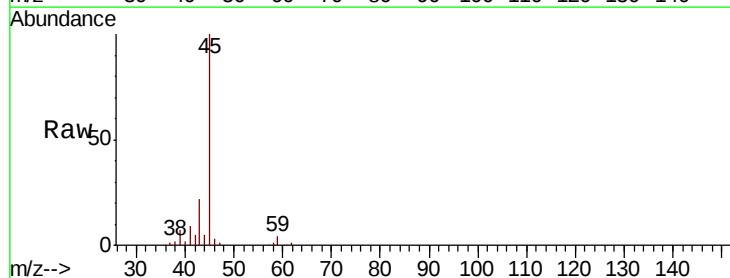
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

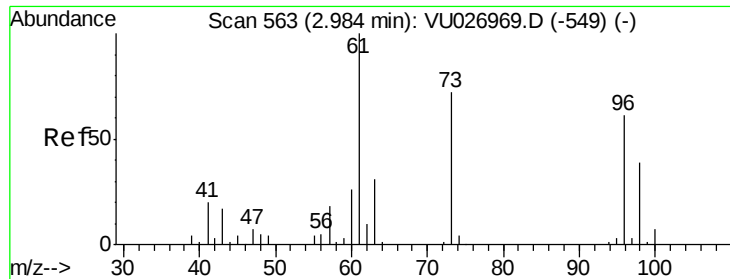
Tgt Ion: 76 Resp: 1216  
Ion Ratio Lower Upper  
76 100  
78 0.0 7.1 10.7#



#18  
Methyl Acetate  
Concen: 5.136 ug/l  
RT: 2.45 min Scan# 396  
Delta R.T. -0.17 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Tgt Ion: 43 Resp: 13551  
Ion Ratio Lower Upper  
43 100  
74 0.0 16.6 25.0#





#21

trans-1,2-Dichloroethene

Concen: 3.039 ug/l

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

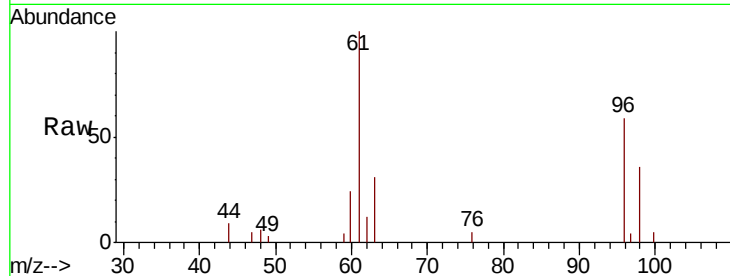
Tgt Ion: 96 Resp: 4127

Ion Ratio Lower Upper

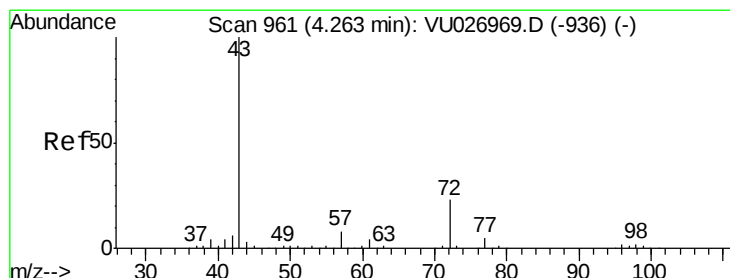
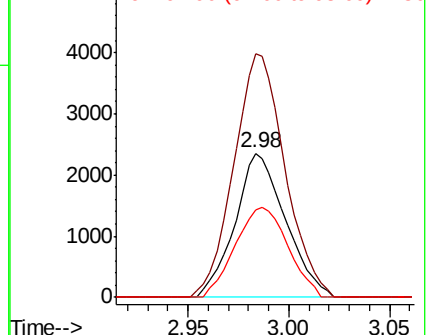
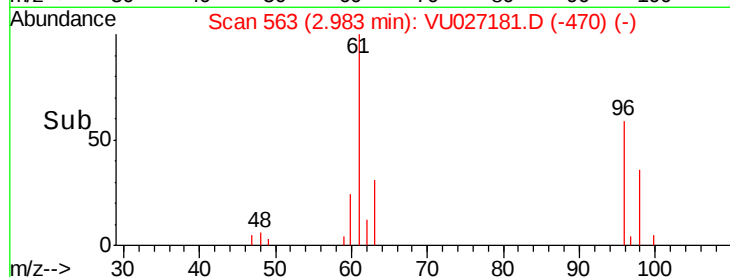
96 100

61 168.6 131.8 197.6

98 60.8 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VU027181.D (-470) (-)



#25

2-Butanone

Concen: 98.440 ug/l

RT: 4.27 min Scan# 962

Delta R.T. 0.00 min

Lab File: VU027181.D

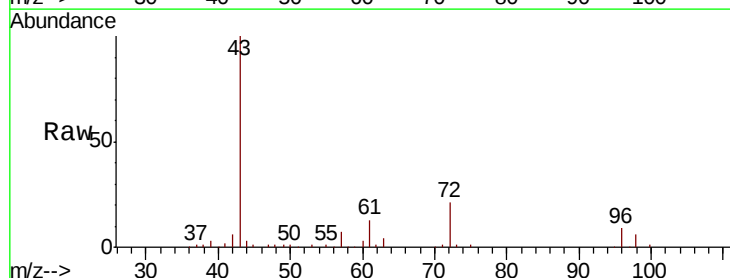
Acq: 26 Sep 2018 16:37

Tgt Ion: 43 Resp: 153350

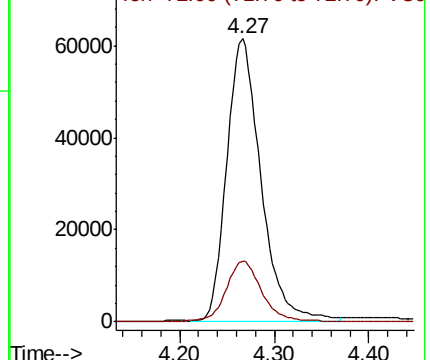
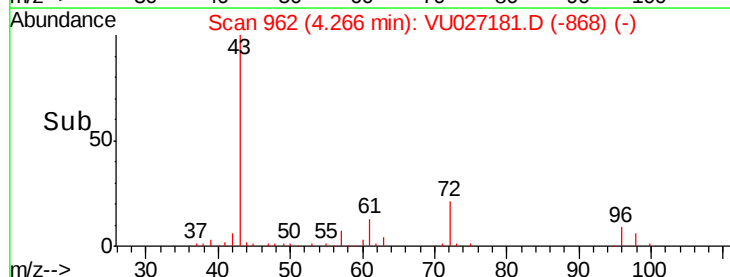
Ion Ratio Lower Upper

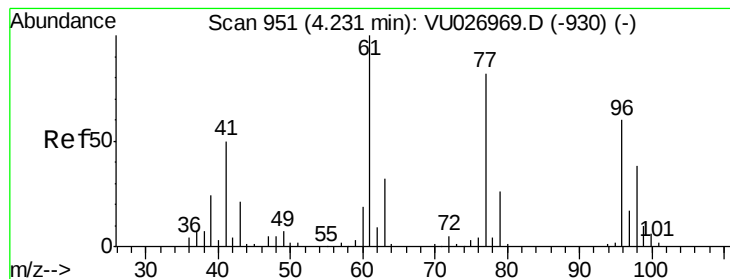
43 100

72 21.2 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VU027181.D (-868) (-)





#26

2,2-Dichloropropane

Concen: 0.435 ug/l

RT: 4.20 min Scan# 942

Delta R.T. -0.03 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

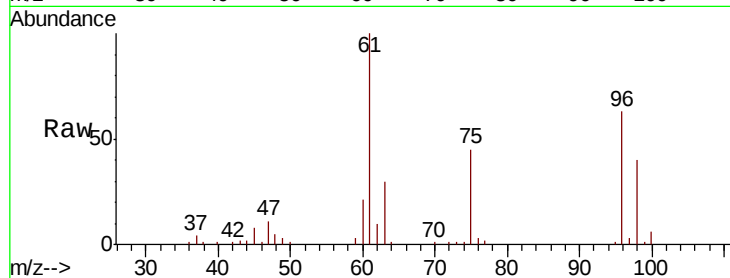
MW-41-SEP18

Tgt Ion: 77 Resp: 1030

Ion Ratio Lower Upper

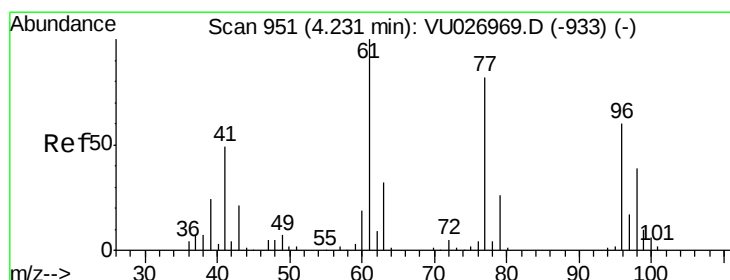
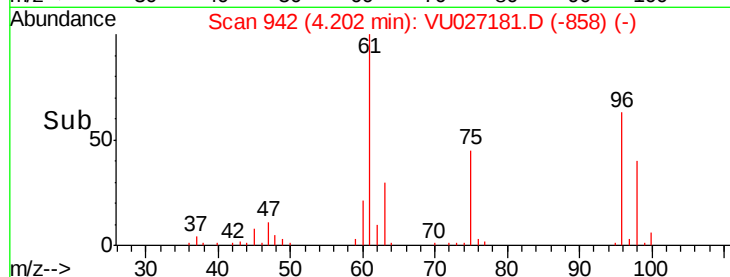
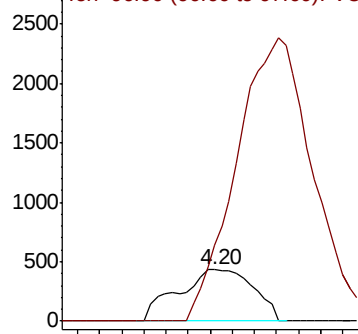
77 100

97 0.0 10.5 31.5#



Abundance Ion 76.90 (76.60 to 77.60): VU0

Ion 96.90 (96.60 to 97.60): VU0



#27

cis-1,2-Dichloroethene

Concen: 102.374 ug/l

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

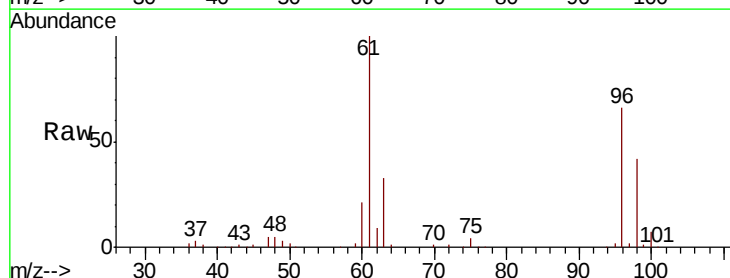
Tgt Ion: 96 Resp: 157016

Ion Ratio Lower Upper

96 100

61 152.6 0.0 337.2

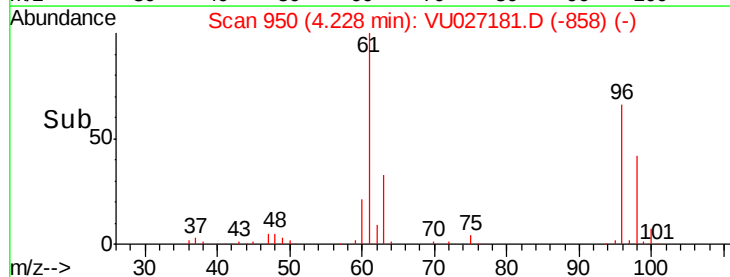
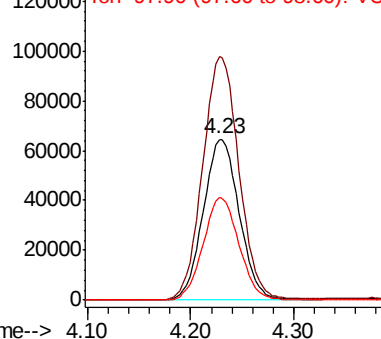
98 63.5 0.0 127.6

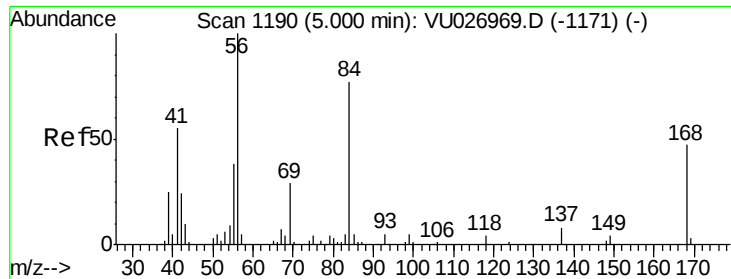


Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0

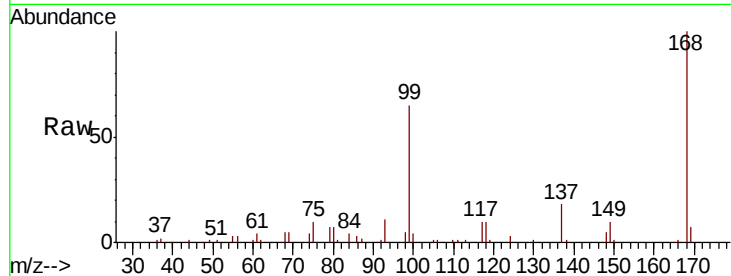




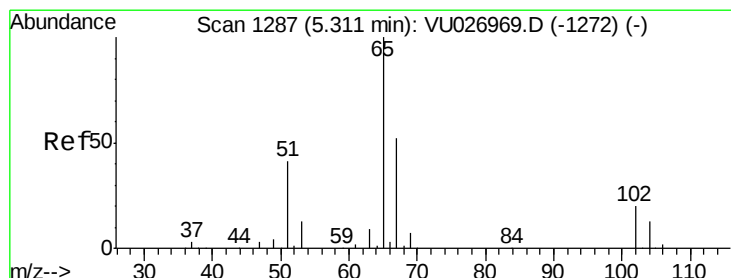
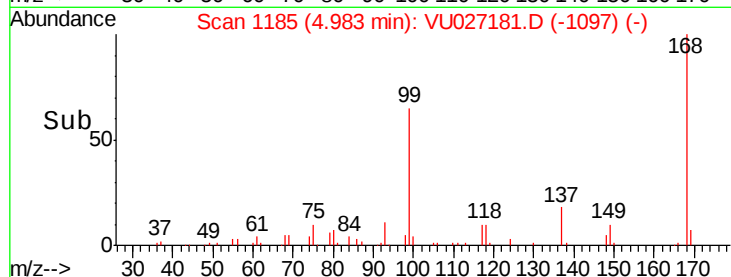
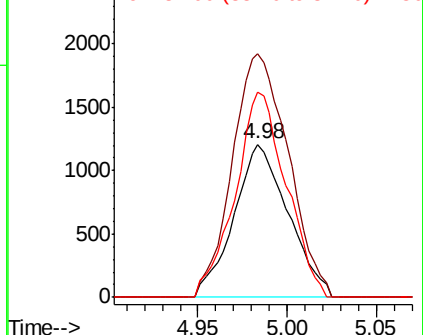
#31  
Cyclohexane  
Concen: 0.356 ug/l  
RT: 4.98 min Scan# 1185  
Delta R.T. -0.02 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

Tgt Ion: 56 Resp: 2562  
Ion Ratio Lower Upper  
56 100  
69 159.1 23.0 34.4#  
84 133.9 61.4 92.2#

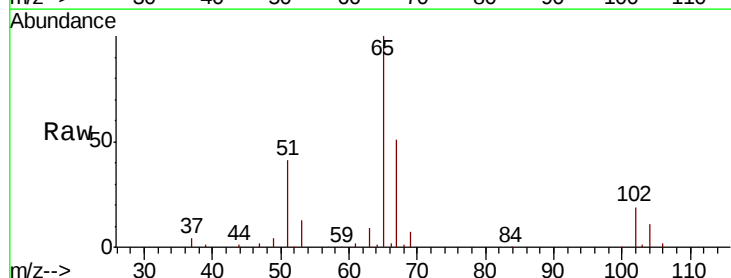


Abundance Ion 56.00 (55.70 to 56.70): VU0  
Ion 69.00 (68.70 to 69.70): VU0  
Ion 84.00 (83.70 to 84.70): VU0

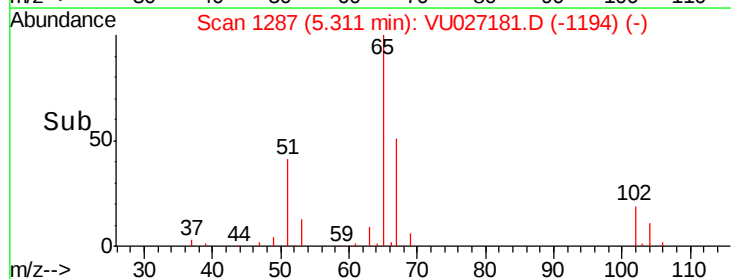
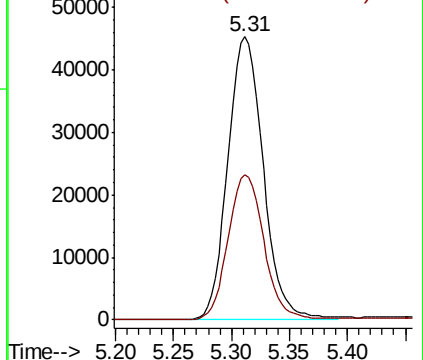


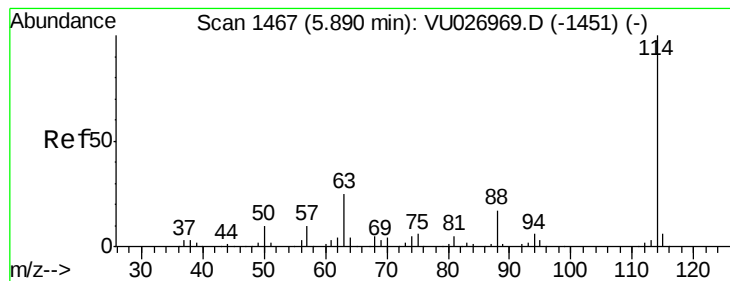
#33  
1,2-Dichloroethane-d4  
Concen: 51.865 ug/l  
RT: 5.31 min Scan# 1287  
Delta R.T. -0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Tgt Ion: 65 Resp: 96141  
Ion Ratio Lower Upper  
65 100  
67 51.8 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VU0  
Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.89 min Scan# 1467

Delta R.T. -0.00 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

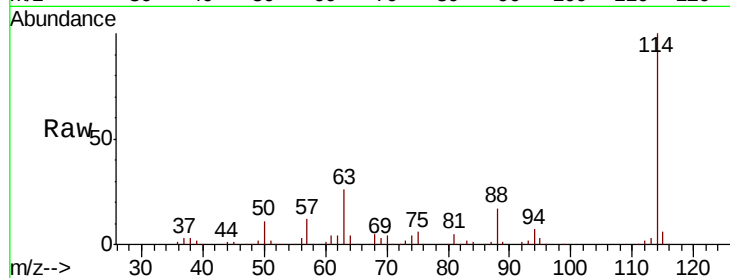
Tgt Ion:114 Resp: 153565

Ion Ratio Lower Upper

114 100

63 26.1 0.0 49.2

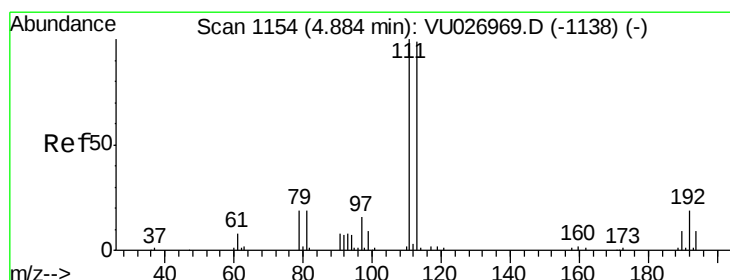
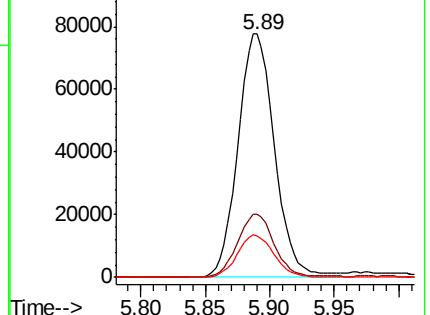
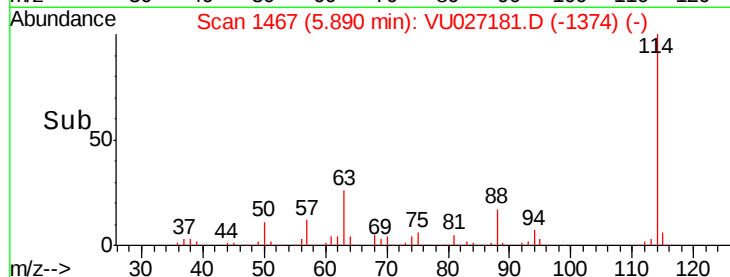
88 17.2 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 49.428 ug/l

RT: 4.89 min Scan# 1155

Delta R.T. 0.00 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

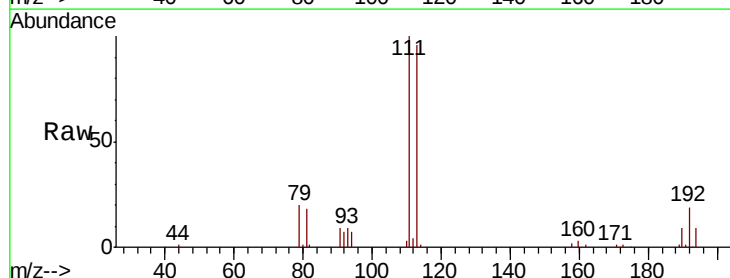
Tgt Ion:113 Resp: 65794

Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

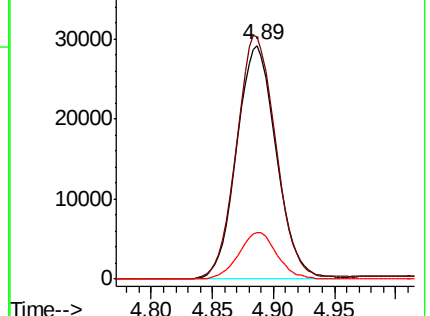
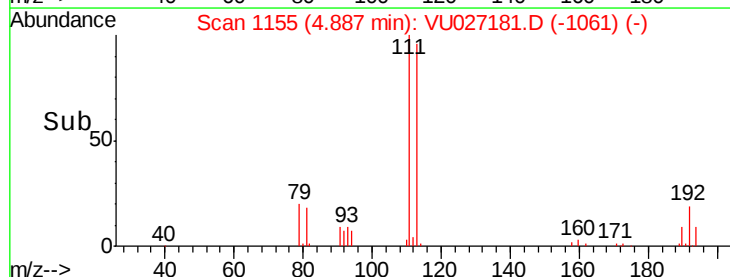
192 18.9 15.2 22.8

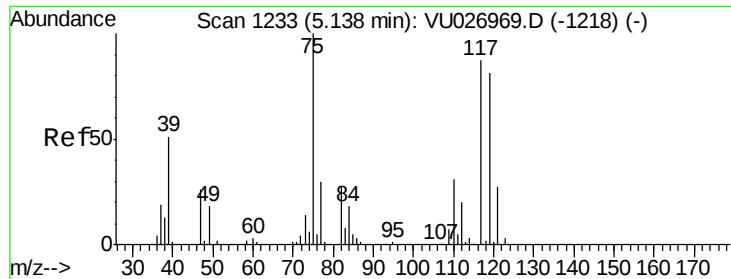


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

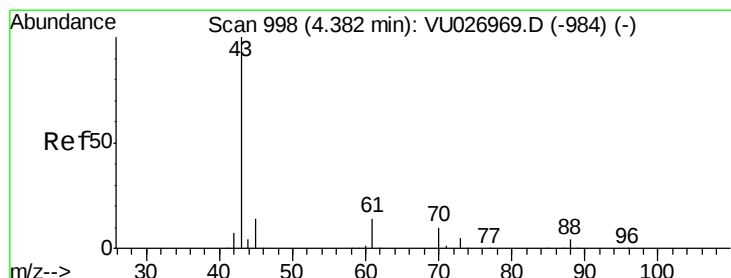
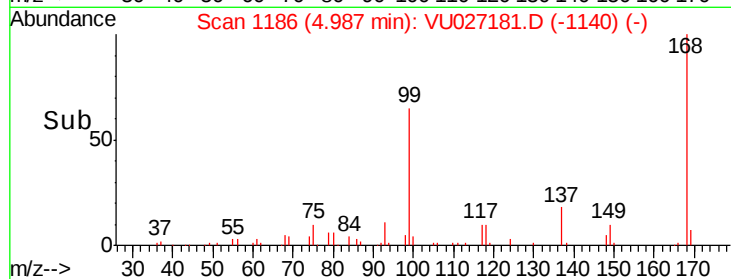
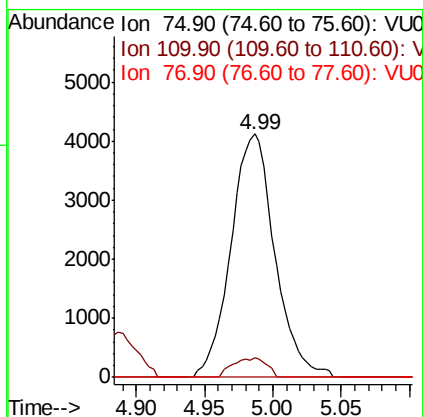
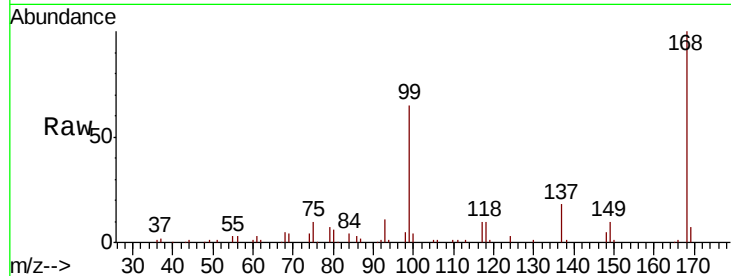




#36  
 1,1-Dichloropropene  
 Concen: 4.493 ug/l  
 RT: 4.99 min Scan# 1186  
 Delta R.T. -0.15 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

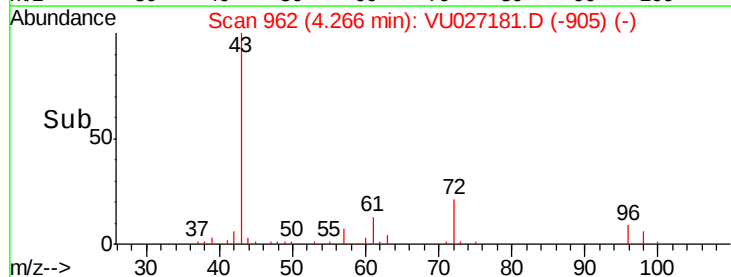
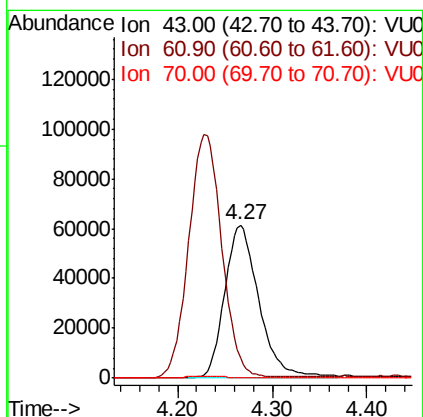
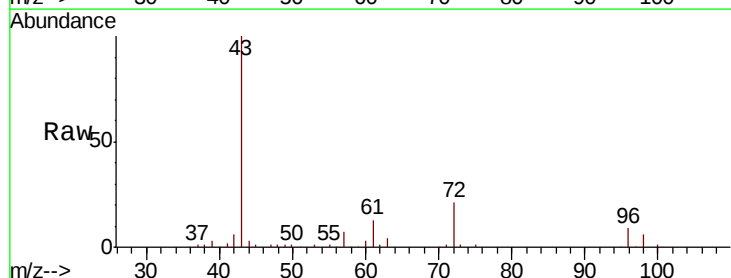
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-41-SEP18

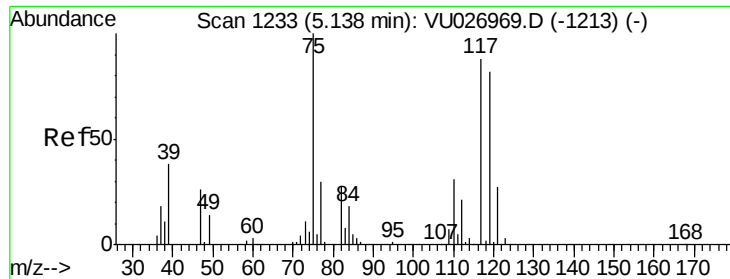
Tgt Ion: 75 Resp: 9208  
 Ion Ratio Lower Upper  
 75 100  
 110 6.1 16.1 48.2#  
 77 0.0 24.6 36.8#



#37  
 Ethyl Acetate  
 Concen: 55.271 ug/l  
 RT: 4.27 min Scan# 962  
 Delta R.T. -0.12 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

Tgt Ion: 43 Resp: 153350  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 10.5 15.7#  
 70 0.0 7.4 11.0#





#38

Carbon Tetrachloride

Concen: 4.956 ug/l

RT: 4.99 min Scan# 1186

Delta R.T. -0.15 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

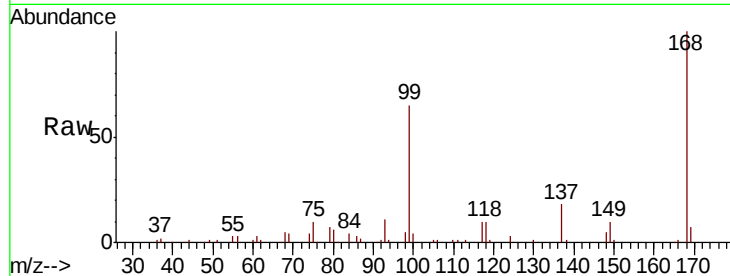
Tgt Ion:117 Resp: 9666

Ion Ratio Lower Upper

117 100

119 5.2 74.4 111.6#

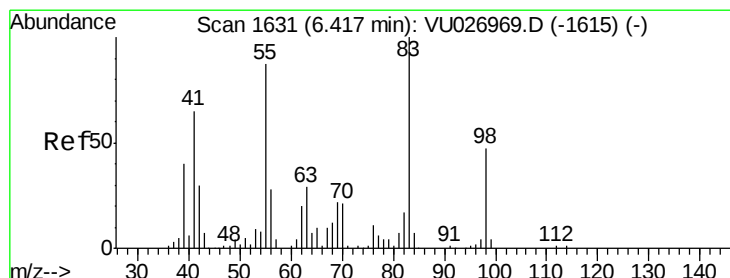
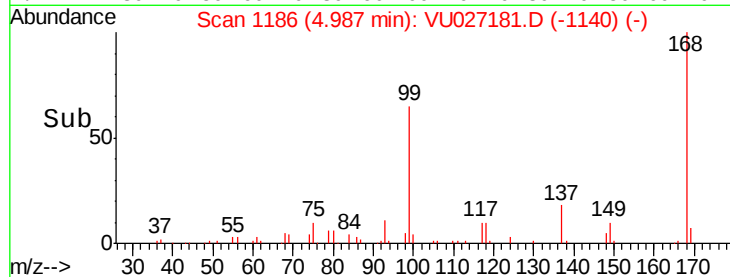
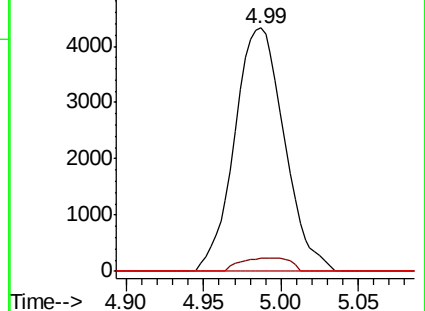
121 0.0 24.2 36.4#



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



#39

Methylcyclohexane

Concen: 0.572 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.23 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

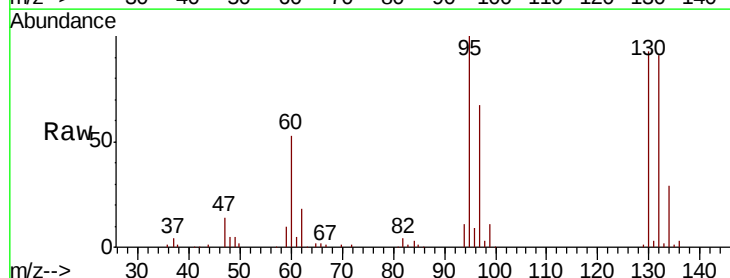
Tgt Ion: 83 Resp: 1273

Ion Ratio Lower Upper

83 100

55 0.0 69.9 104.9#

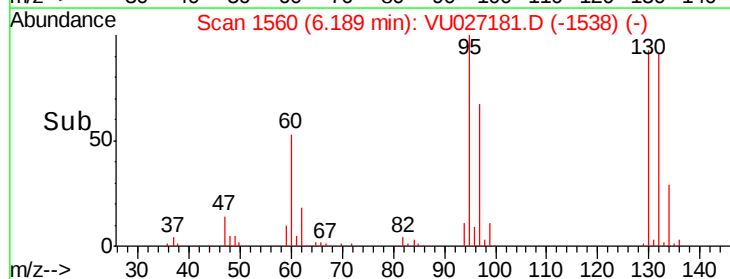
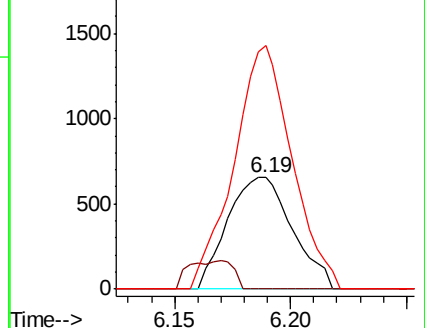
98 218.5 37.5 56.3#

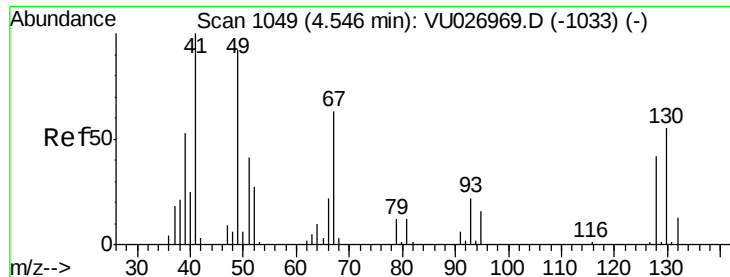


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#41

Methacrylonitrile

Concen: 0.459 ug/l

RT: 4.57 min Scan# 1055

Delta R.T. 0.02 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

Tgt Ion: 41 Resp: 662

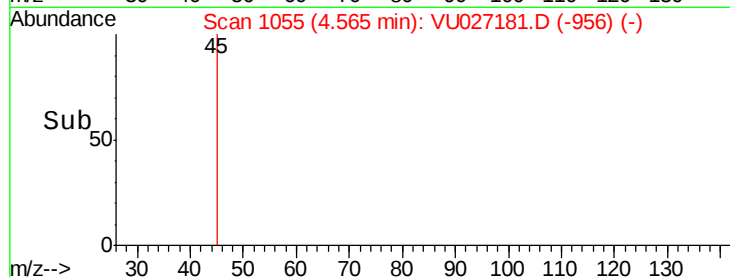
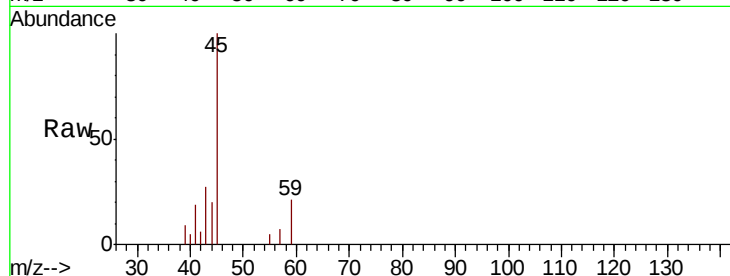
Ion Ratio Lower Upper

41 100

39 82.9 42.9 64.3#

67 0.0 52.4 78.6#

52 0.0 21.3 31.9#

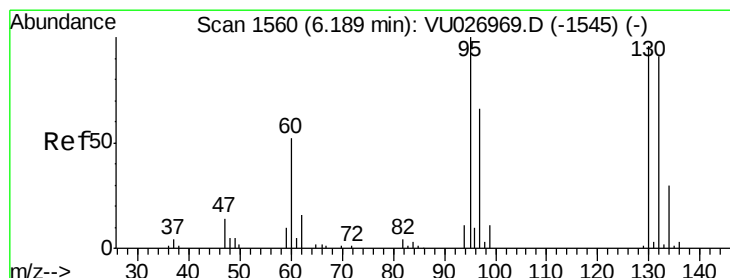
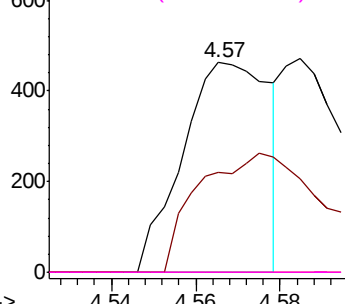


Abundance Ion 41.00 (40.70 to 41.70): VU0

Ion 39.00 (38.70 to 39.70): VU0

Ion 67.00 (66.70 to 67.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#44

Trichloroethene

Concen: 68.370 ug/l

RT: 6.19 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VU027181.D

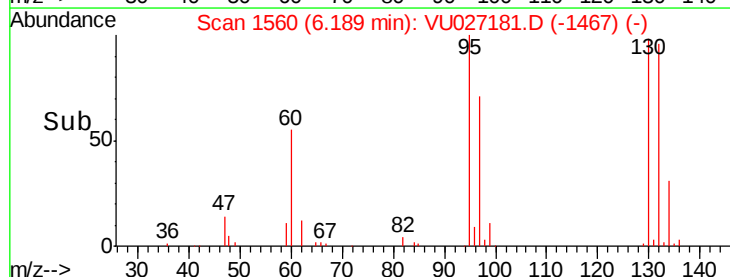
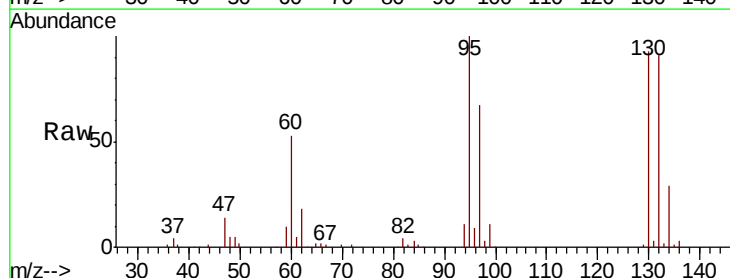
Acq: 26 Sep 2018 16:37

Tgt Ion: 130 Resp: 90686

Ion Ratio Lower Upper

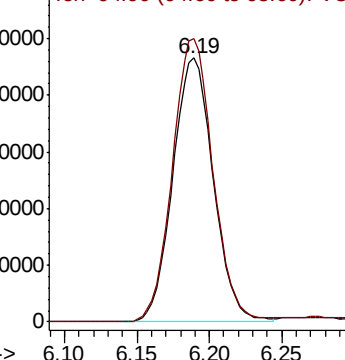
130 100

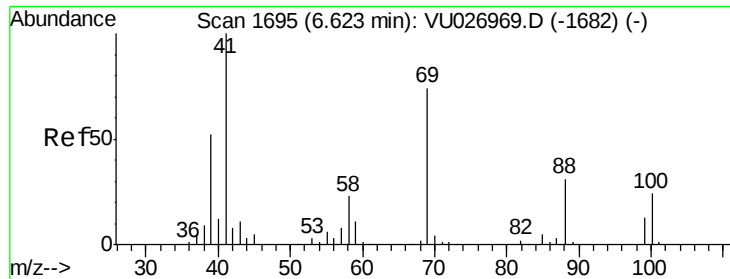
95 107.2 0.0 208.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

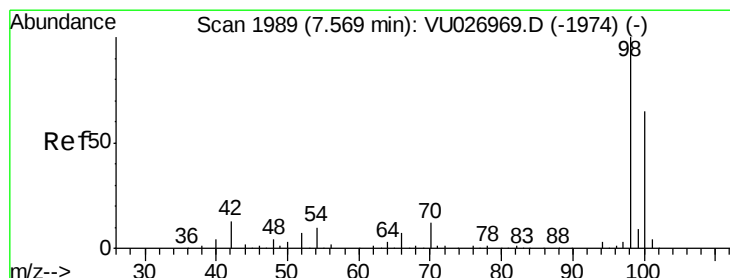
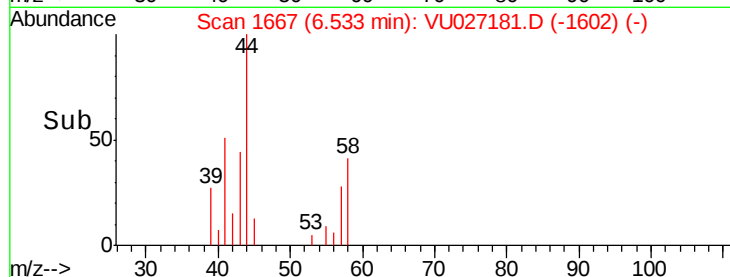
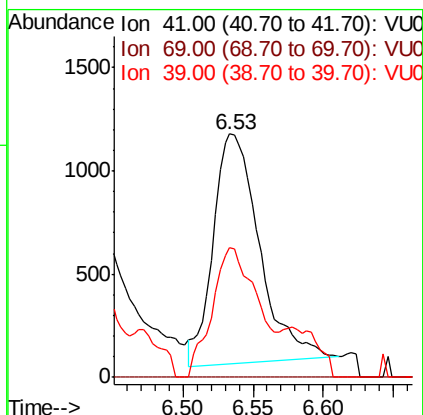
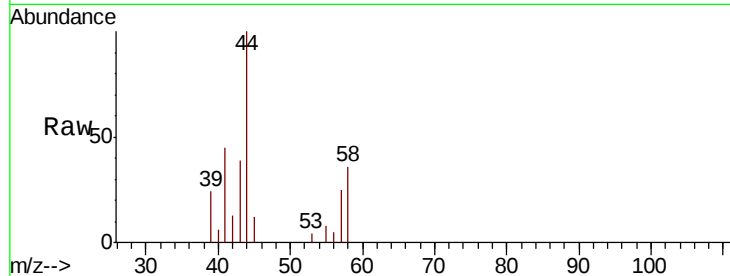




#48  
Methyl methacrylate  
Concen: 2.141 ug/l  
RT: 6.53 min Scan# 1667  
Delta R.T. -0.09 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

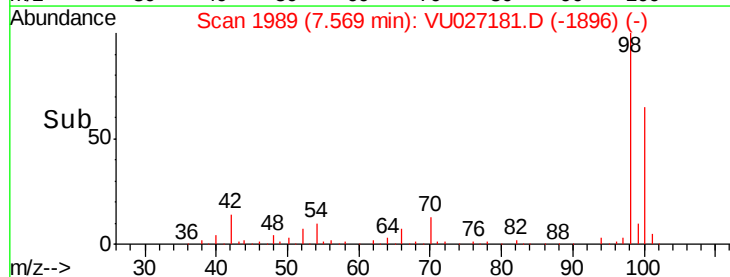
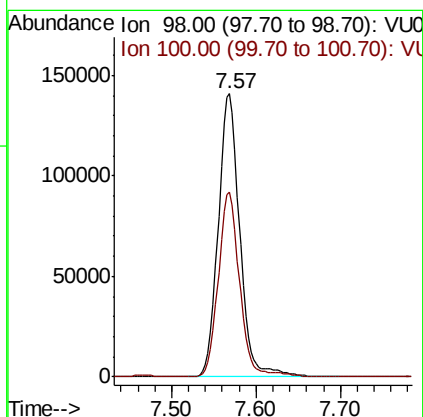
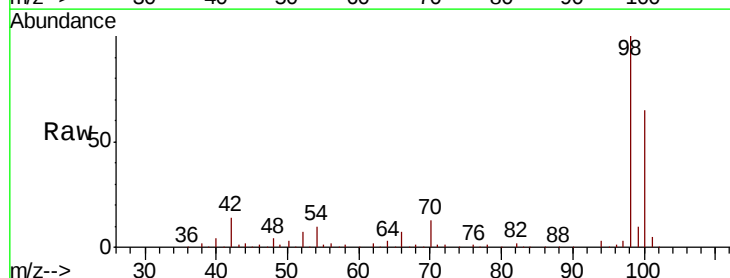
Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

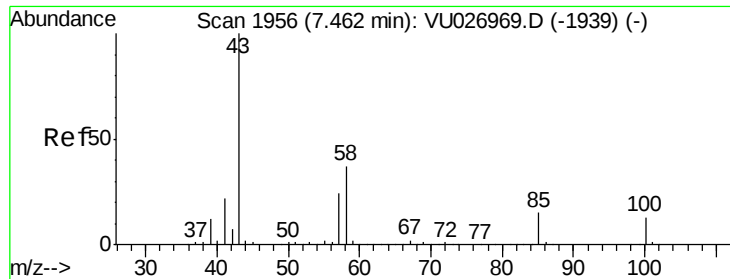
Tgt Ion: 41 Resp: 2538  
Ion Ratio Lower Upper  
41 100  
69 0.0 60.6 90.8#  
39 54.8 42.8 64.2



#50  
Toluene-d8  
Concen: 49.353 ug/l  
RT: 7.57 min Scan# 1989  
Delta R.T. -0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Tgt Ion: 98 Resp: 250364  
Ion Ratio Lower Upper  
98 100  
100 64.9 52.1 78.1

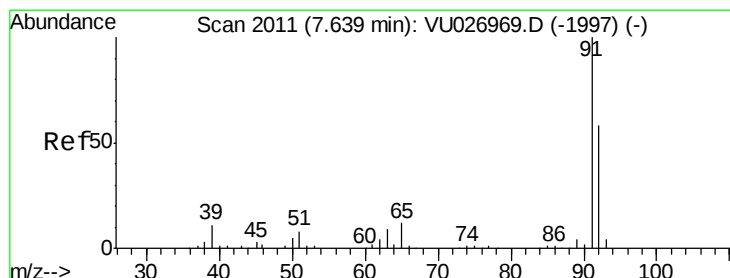
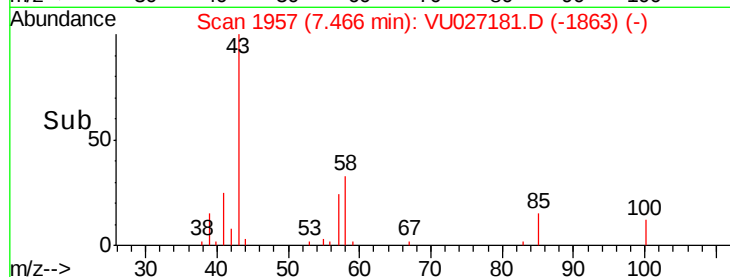
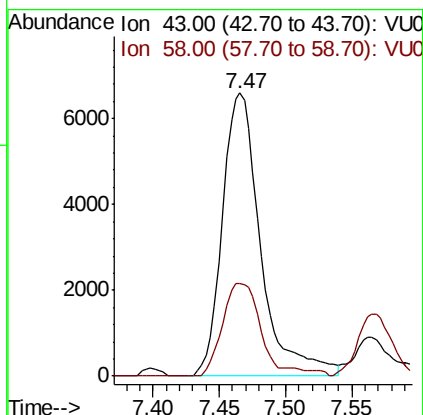
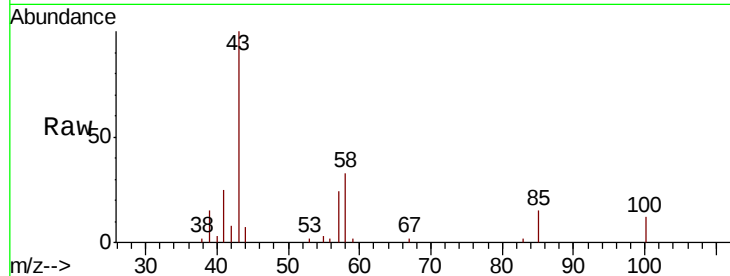




#51  
 4-Methyl-2-Pentanone  
 Concen: 4.875 ug/l  
 RT: 7.47 min Scan# 1957  
 Delta R.T. 0.00 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

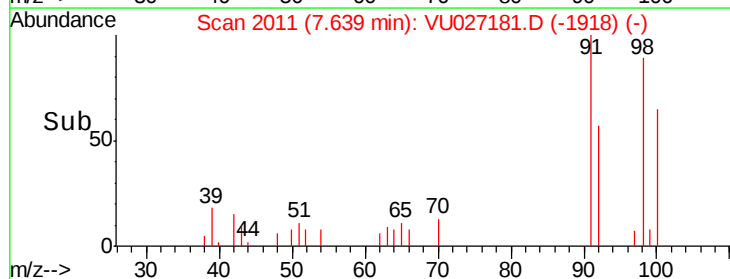
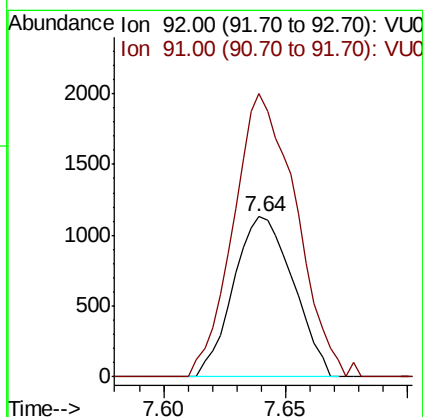
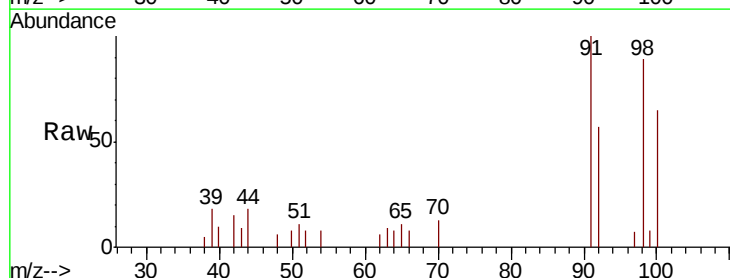
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-41-SEP18

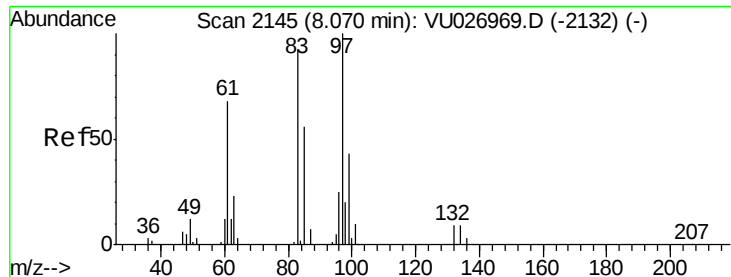
Tgt Ion: 43 Resp: 13266  
 Ion Ratio Lower Upper  
 43 100  
 58 31.3 29.8 44.6



#52  
 Toluene  
 Concen: 0.537 ug/l  
 RT: 7.64 min Scan# 2011  
 Delta R.T. 0.00 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

Tgt Ion: 92 Resp: 1918  
 Ion Ratio Lower Upper  
 92 100  
 91 186.0 136.4 204.6

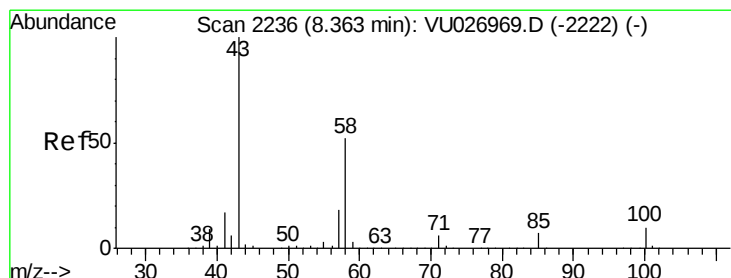
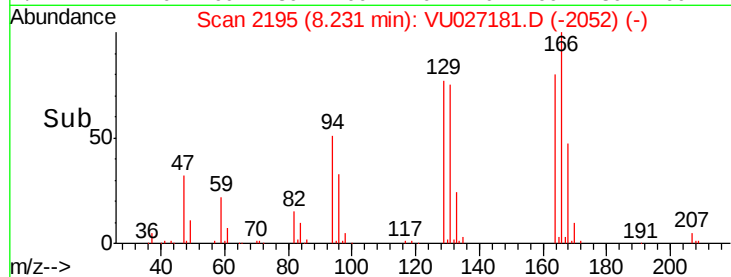
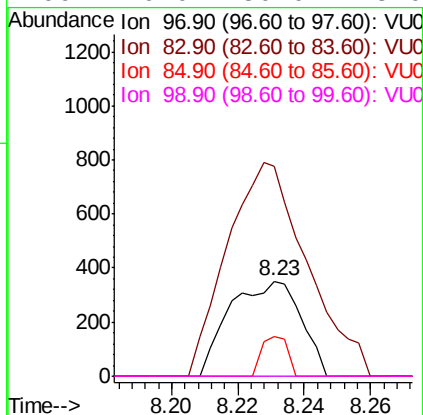
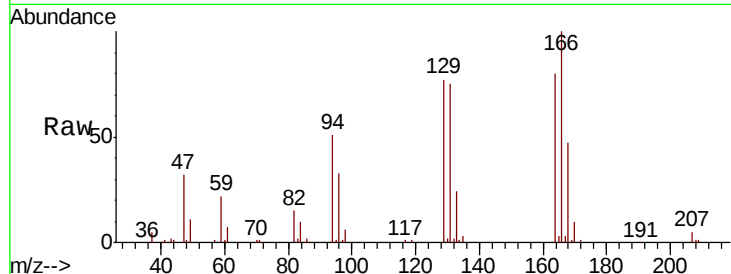




#55  
 1,1,2-Trichloroethane  
 Concen: 0.347 ug/l  
 RT: 8.23 min Scan# 2195  
 Delta R.T. 0.16 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

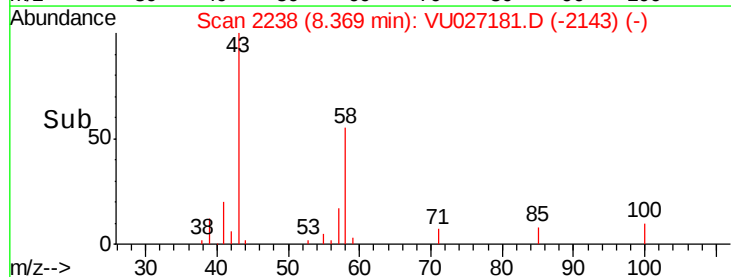
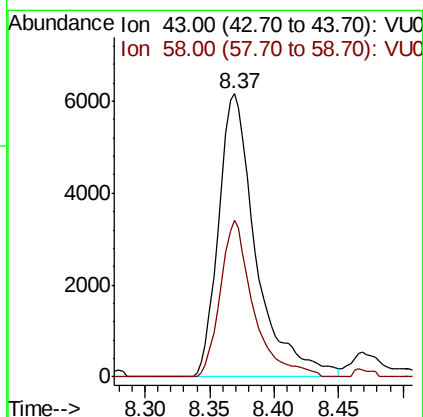
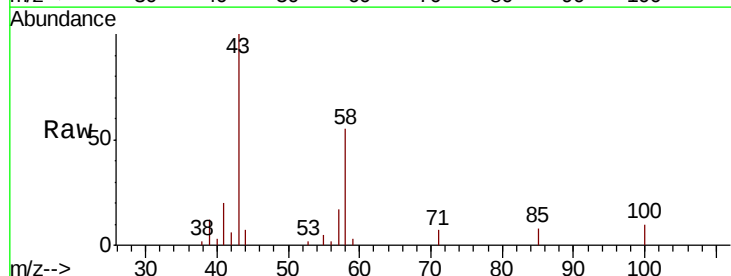
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 MW-41-SEP18

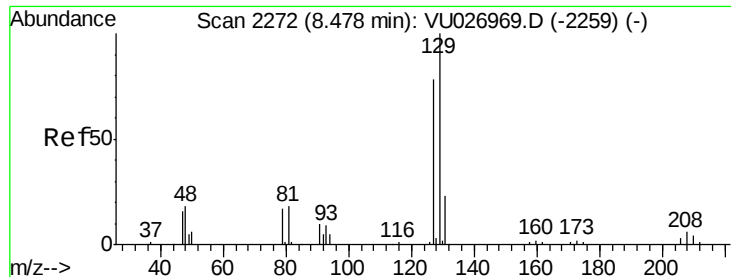
Tgt Ion: 97 Resp: 525  
 Ion Ratio Lower Upper  
 97 100  
 83 220.7 73.1 109.7#  
 85 41.8 46.7 70.1#  
 99 0.0 50.0 75.0#



#59  
 2-Hexanone  
 Concen: 5.846 ug/l  
 RT: 8.37 min Scan# 2238  
 Delta R.T. 0.01 min  
 Lab File: VU027181.D  
 Acq: 26 Sep 2018 16:37

Tgt Ion: 43 Resp: 12453  
 Ion Ratio Lower Upper  
 43 100  
 58 48.6 26.1 78.2





#60

Dibromochloromethane

Concen: 30.397 ug/l

RT: 8.23 min Scan# 2194

Delta R.T. -0.25 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

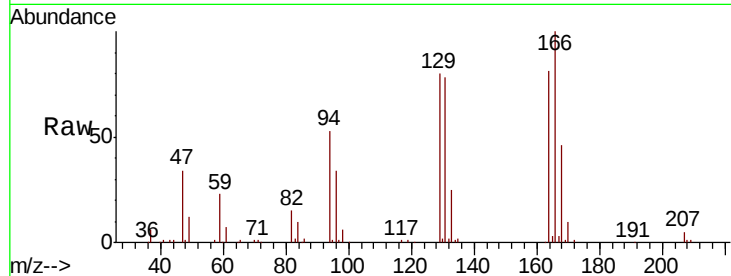
MW-41-SEP18

Tgt Ion:129 Resp: 45120

Ion Ratio Lower Upper

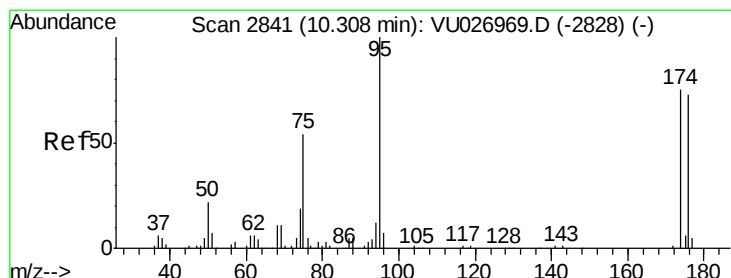
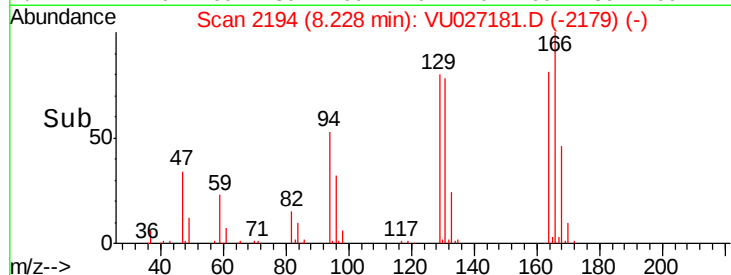
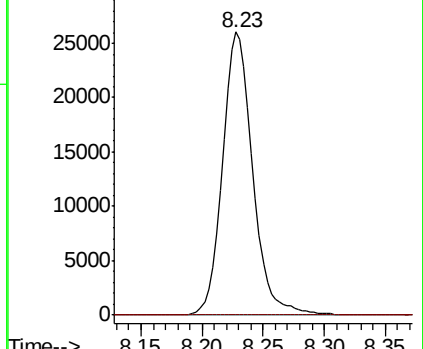
129 100

127 0.0 38.1 114.5#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 48.944 ug/l

RT: 10.31 min Scan# 2841

Delta R.T. -0.00 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

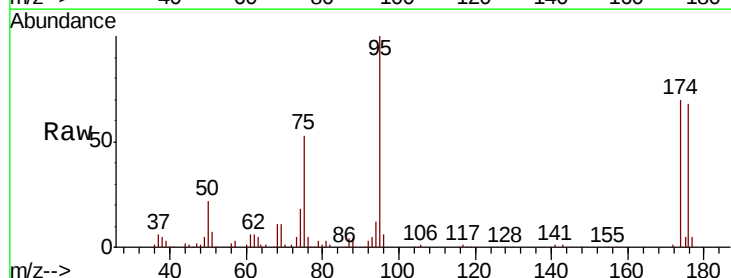
Tgt Ion: 95 Resp: 85195

Ion Ratio Lower Upper

95 100

174 71.9 0.0 150.2

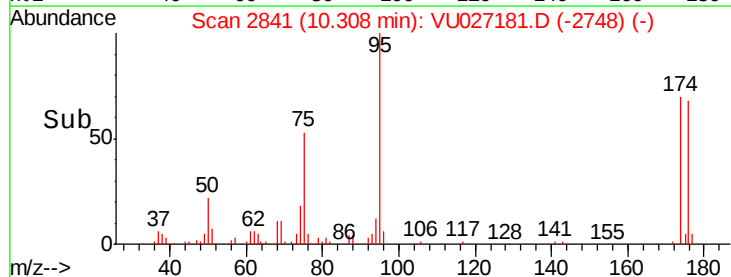
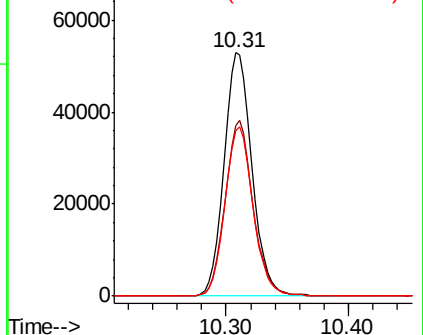
176 69.8 0.0 145.2

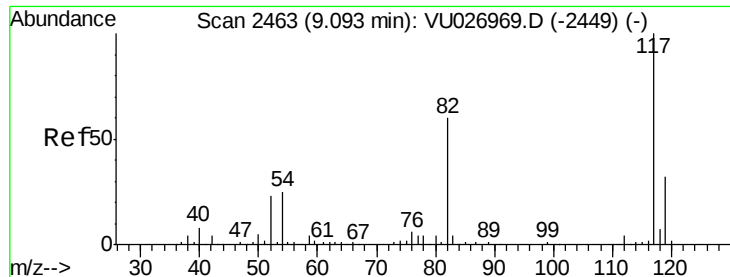


Abundance Ion 94.90 (94.60 to 95.60): VU0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

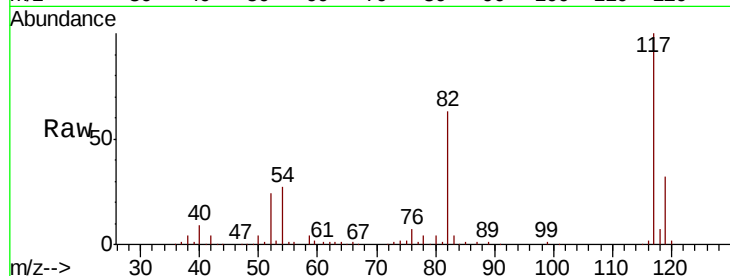




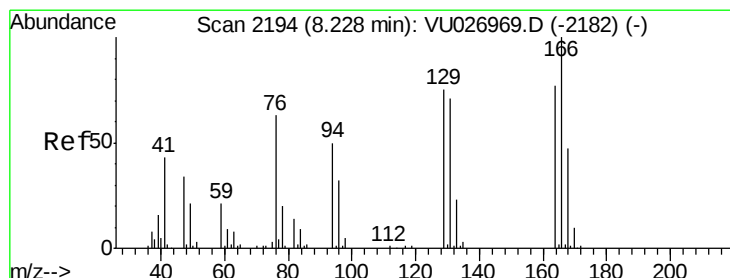
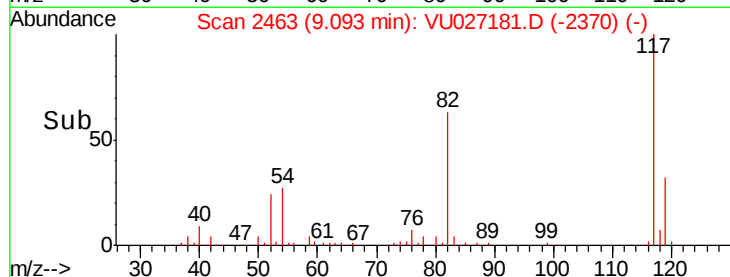
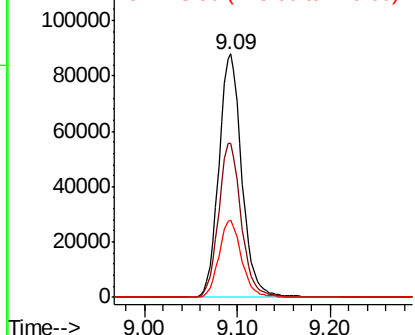
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.09 min Scan# 2463  
Delta R.T. 0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

Tgt Ion:117 Resp: 150773  
Ion Ratio Lower Upper  
117 100  
82 63.5 48.0 72.0  
119 31.8 25.8 38.8



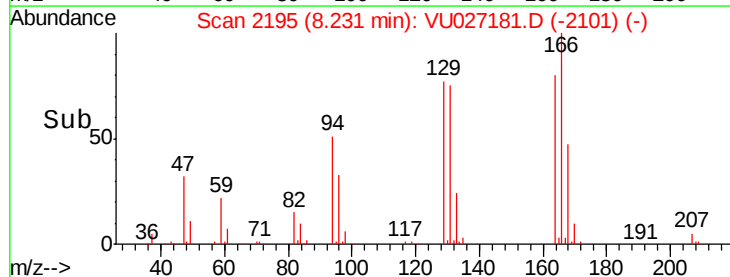
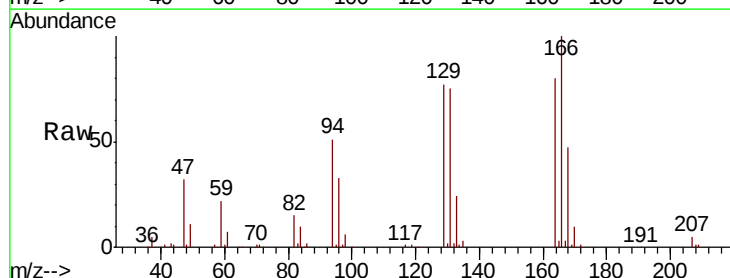
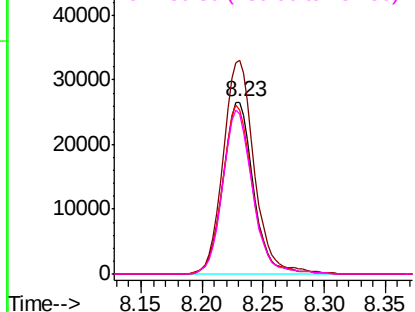
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VU0  
Ion 118.90 (118.60 to 119.60): V

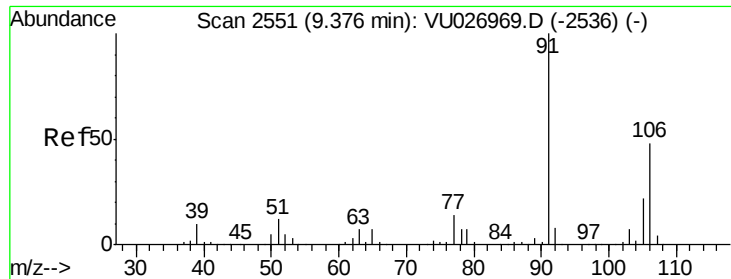


#64  
Tetrachloroethene  
Concen: 39.993 ug/l  
RT: 8.23 min Scan# 2195  
Delta R.T. 0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Tgt Ion:164 Resp: 46464  
Ion Ratio Lower Upper  
164 100  
166 124.4 104.4 156.6  
129 95.7 78.7 118.1  
131 92.9 73.9 110.9

Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

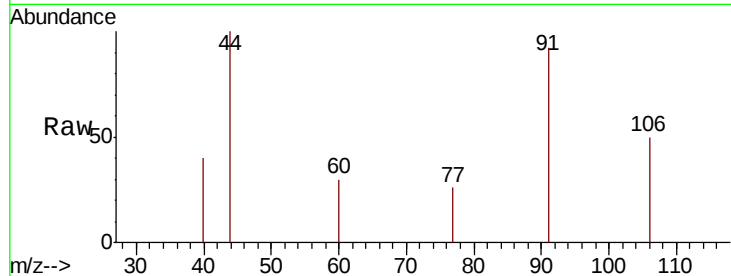




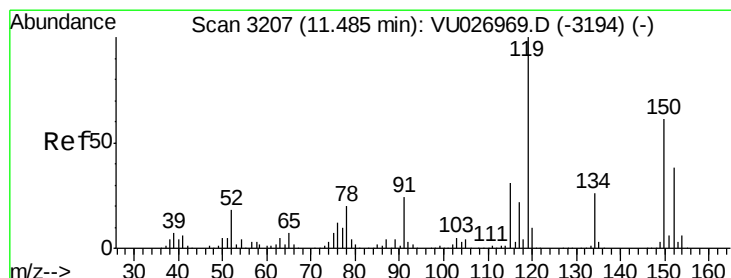
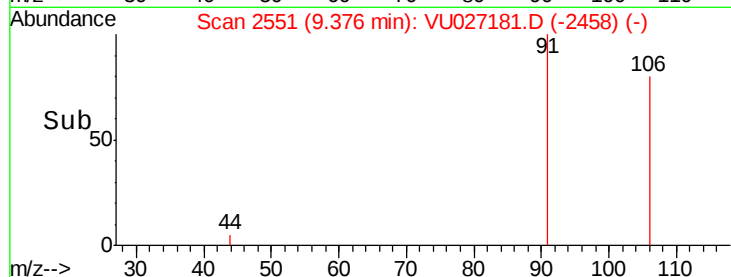
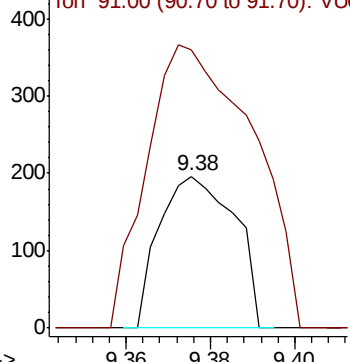
#68  
m/p-Xylenes  
Concen: 1.590 ug/l  
RT: 9.38 min Scan# 2551  
Delta R.T. 0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

Tgt Ion:106 Resp: 242  
Ion Ratio Lower Upper  
106 100  
91 264.0 166.5 249.7#

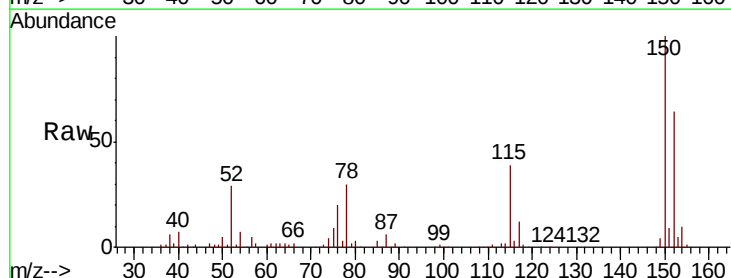


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VU0

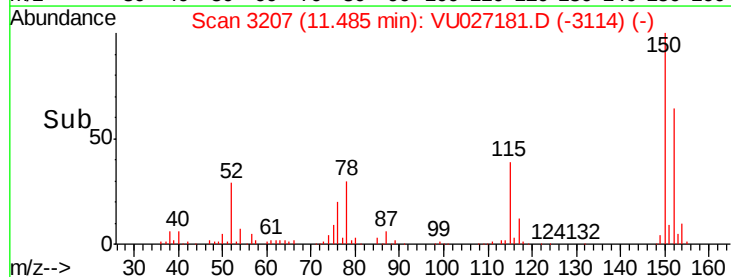
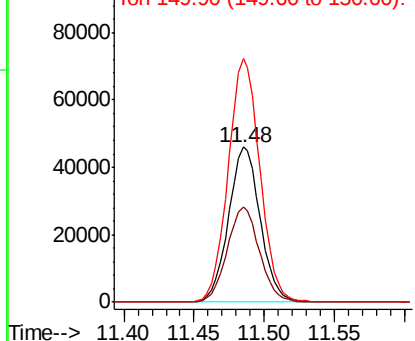


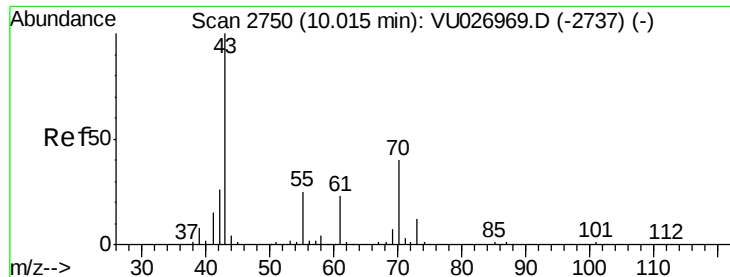
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 11.48 min Scan# 3207  
Delta R.T. -0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Tgt Ion:152 Resp: 72347  
Ion Ratio Lower Upper  
152 100  
115 62.0 44.9 134.5  
150 157.3 0.0 355.8



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





#74

N-amyI acetate

Concen: 0.283 ug/l

RT: 10.06 min Scan# 2763

Delta R.T. 0.04 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

Tgt Ion: 43 Resp: 900

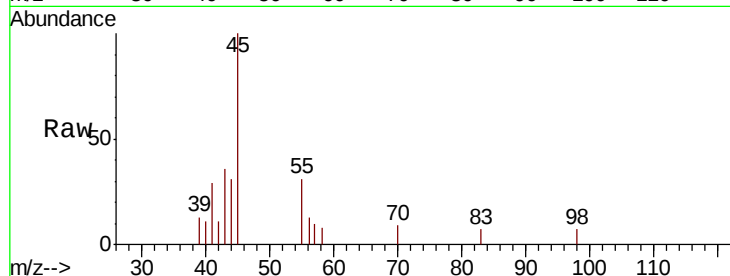
Ion Ratio Lower Upper

43 100

70 48.0 31.8 47.8#

55 114.0 19.9 29.9#

61 0.0 18.4 27.6#

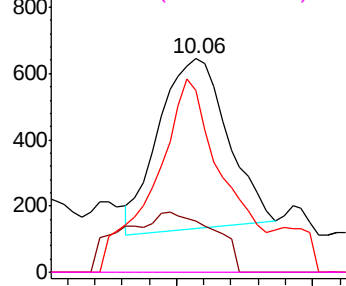


Abundance Ion 43.00 (42.70 to 43.70): VU0

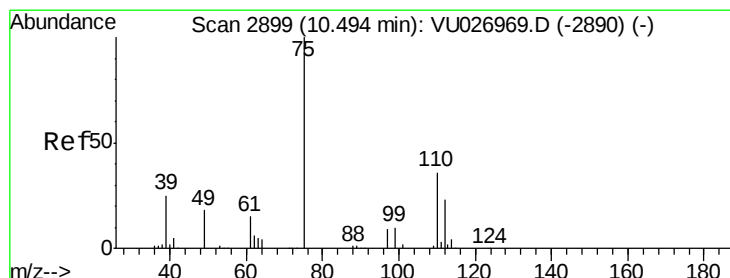
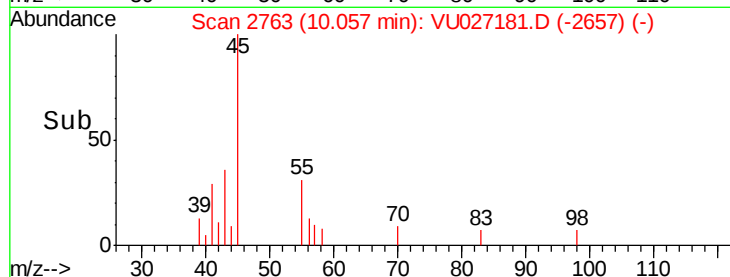
Ion 70.00 (69.70 to 70.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



Time-->



#76

1,2,3-Trichloropropane

Concen: 20.860 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.18 min

Lab File: VU027181.D

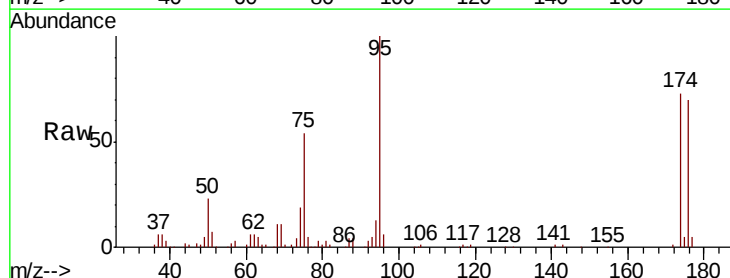
Acq: 26 Sep 2018 16:37

Tgt Ion: 75 Resp: 45848

Ion Ratio Lower Upper

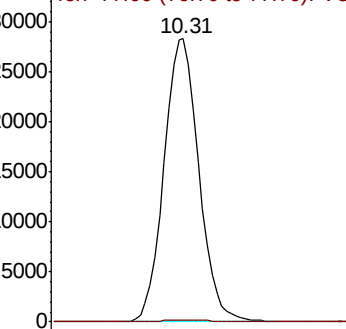
75 100

77 0.8 20.9 62.8#

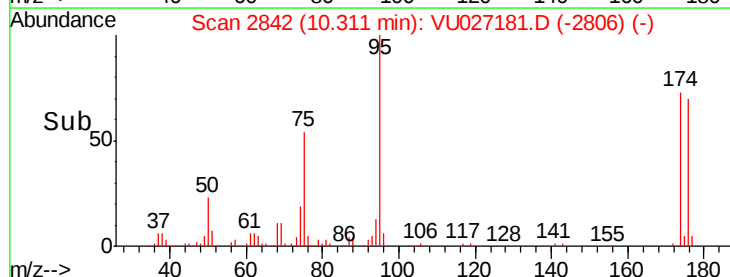


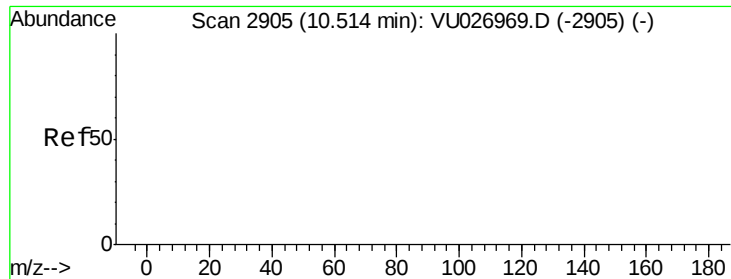
Abundance Ion 74.90 (74.60 to 75.60): VU0

Ion 77.00 (76.70 to 77.70): VU0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 66.756 ug/l

RT: 10.31 min Scan# 2842

Delta R.T. -0.20 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

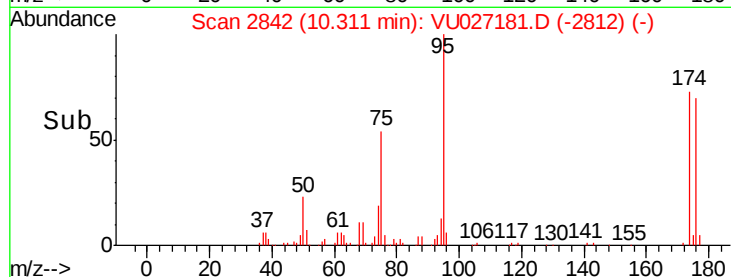
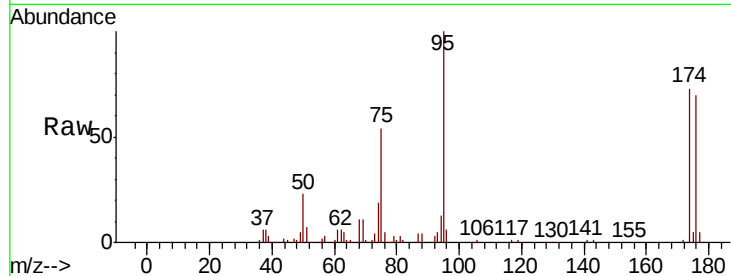
Tgt Ion: 75 Resp: 45848

Ion Ratio Lower Upper

75 100

53 0.0 0.0 0.0

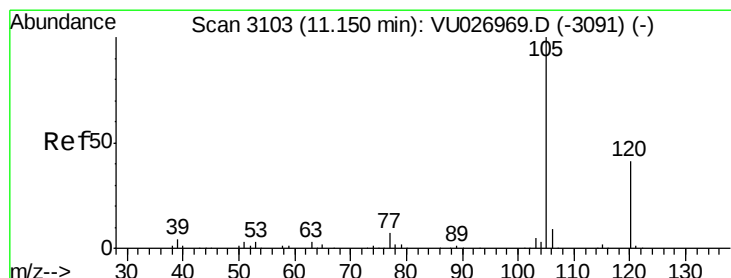
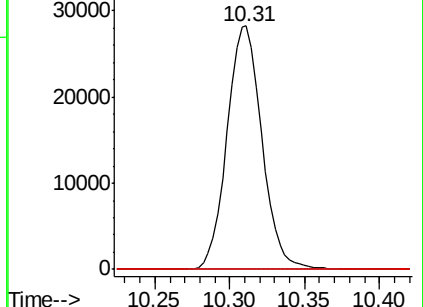
89 0.0 0.0 0.0



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: 0.283 ug/l

RT: 11.15 min Scan# 3104

Delta R.T. 0.00 min

Lab File: VU027181.D

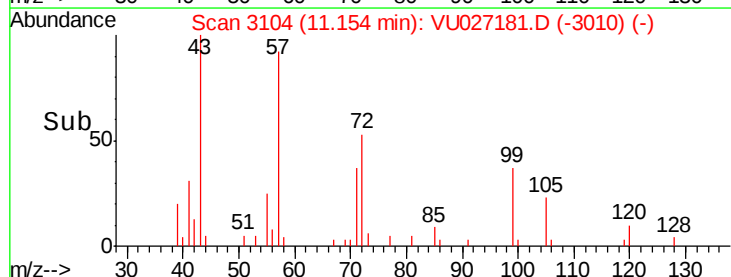
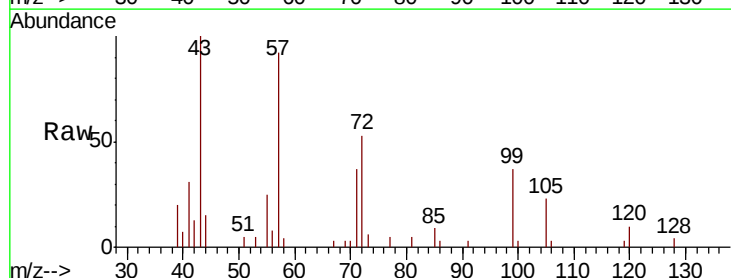
Acq: 26 Sep 2018 16:37

Tgt Ion: 105 Resp: 1309

Ion Ratio Lower Upper

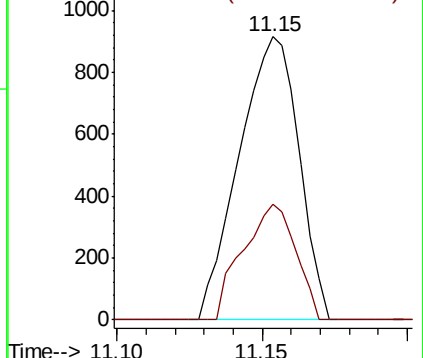
105 100

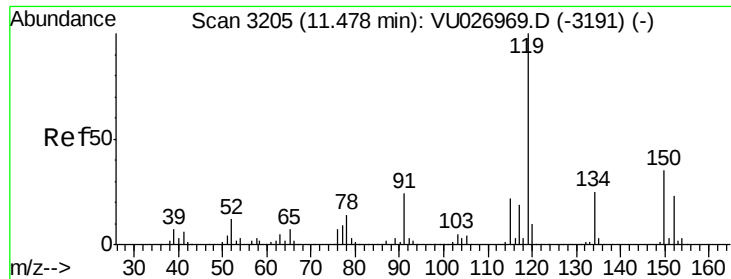
120 36.3 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

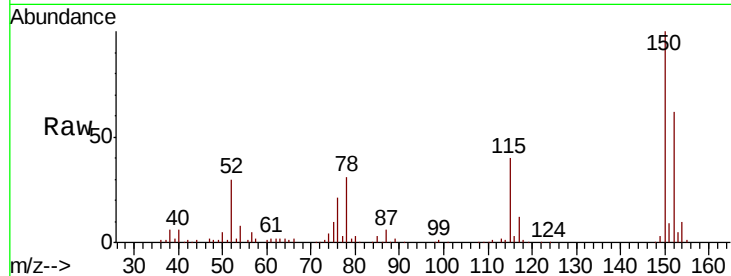




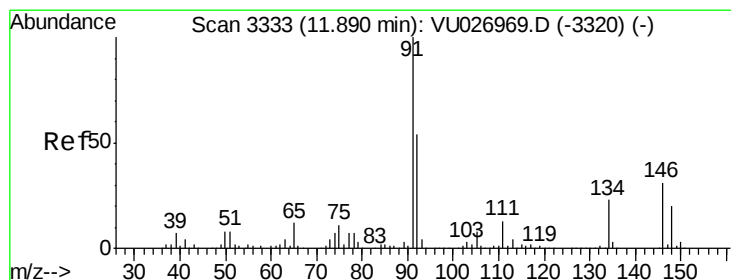
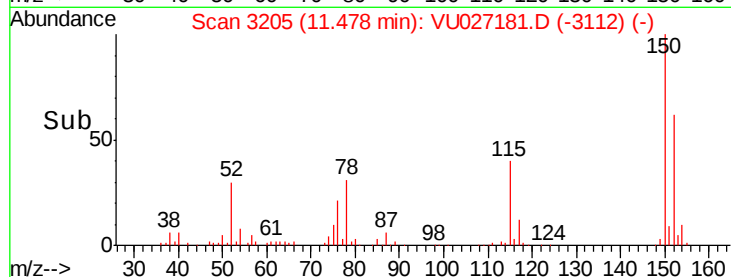
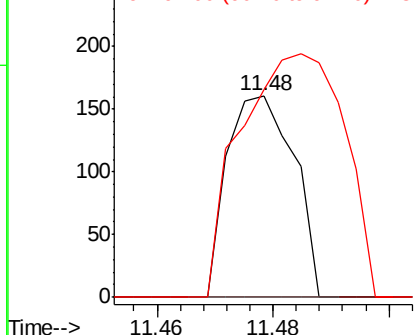
#86  
p-Isopropyltoluene  
Concen: 0.952 ug/l  
RT: 11.48 min Scan# 3205  
Delta R.T. 0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
MW-41-SEP18

Tgt Ion: 119 Resp: 128  
Ion Ratio Lower Upper  
119 100  
134 0.0 12.8 38.3#  
91 188.3 12.3 36.8#

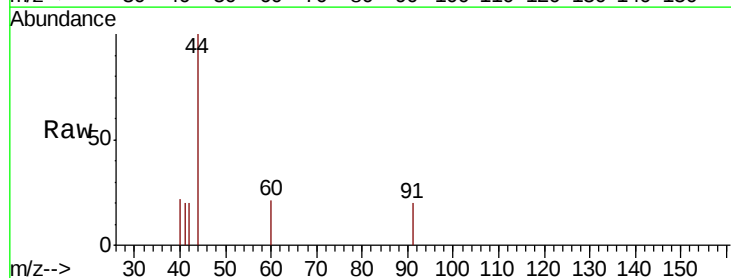


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V

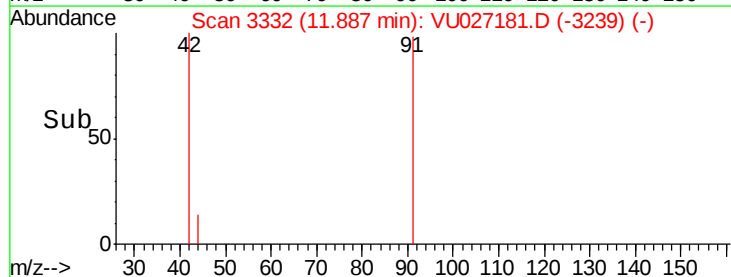
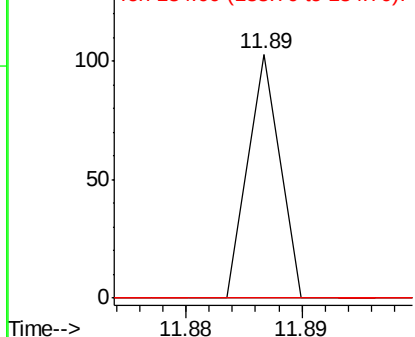


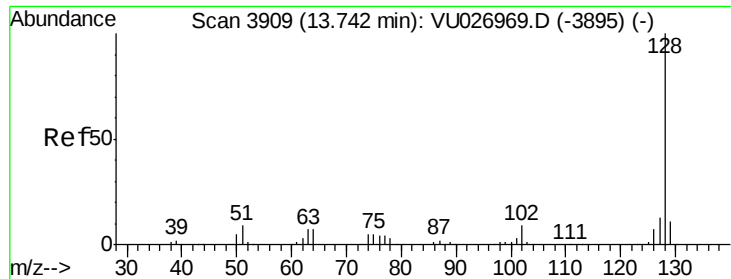
#89  
n-Butylbenzene  
Concen: 2.396 ug/l  
RT: 11.89 min Scan# 3332  
Delta R.T. -0.00 min  
Lab File: VU027181.D  
Acq: 26 Sep 2018 16:37

Tgt Ion: 91 Resp: 20  
Ion Ratio Lower Upper  
91 100  
92 0.0 27.1 81.2#  
134 0.0 11.7 35.0#



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





#95

Naphthalene

Concen: 1.735 ug/l

RT: 13.75 min Scan# 3912

Delta R.T. 0.01 min

Lab File: VU027181.D

Acq: 26 Sep 2018 16:37

Instrument :

MSVOA\_U

ClientSampleId :

MW-41-SEP18

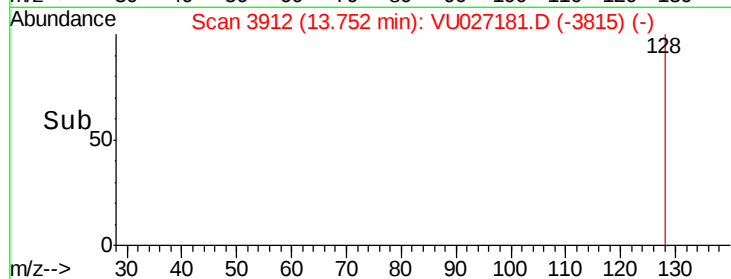
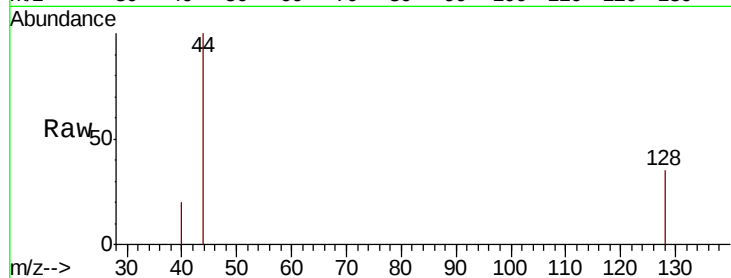
Tgt Ion:128 Resp: 285

Ion Ratio Lower Upper

128 100

127 0.0 10.6 15.8#

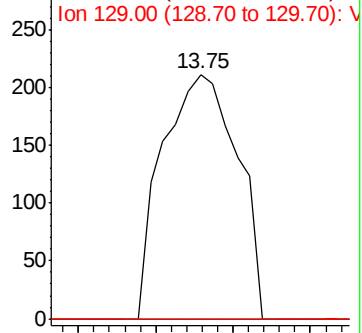
129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->