

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
 Data File : VX005871.D  
 Acq On : 09 Nov 2018 19:31  
 Operator : JC/MD  
 Sample : J5863-03  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 RT-3263

Quant Time: Nov 11 23:53:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 07 14:40:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 107614   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 150202   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 138568   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 67235    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 67678    | 54.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 109.40% |      |
| 35) Dibromofluoromethane  | 5.51   | 113 | 54998    | 53.84 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 107.68% |      |
| 50) Toluene-d8            | 8.71   | 98  | 190359   | 56.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 112.10% |      |
| 62) 4-Bromofluorobenzene  | 11.14  | 95  | 62197    | 50.93 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.86% |      |

## Target Compounds

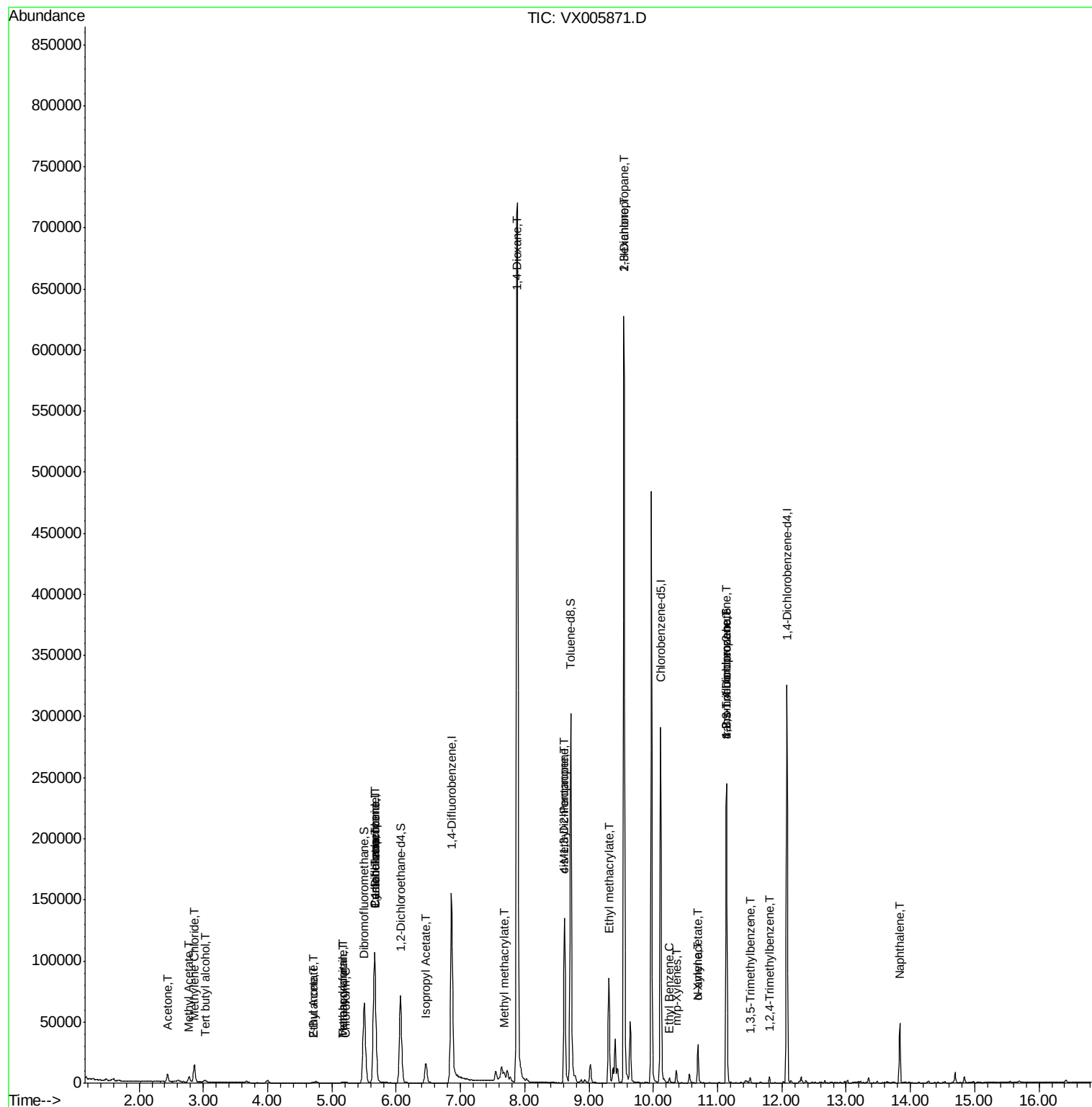
|                                |       |     |       |        |        | Qvalue |
|--------------------------------|-------|-----|-------|--------|--------|--------|
| 11) Tert butyl alcohol         | 3.02  | 59  | 1220  | 3.442  | ug/l # | 72     |
| 16) Acetone                    | 2.44  | 43  | 6388  | 9.590  | ug/l   | 94     |
| 18) Methyl Acetate             | 2.78  | 43  | 5321  | 1.543  | ug/l   | 99     |
| 20) Methylene Chloride         | 2.86  | 84  | 6339  | 5.793  | ug/l   | 91     |
| 25) 2-Butanone                 | 4.70  | 43  | 760   | 0.726  | ug/l # | 51     |
| 29) Tetrahydrofuran            | 5.17  | 42  | 426   | 0.634  | ug/l # | 41     |
| 30) Chloroform                 | 5.21  | 83  | 899   | 0.469  | ug/l   | 98     |
| 31) Cyclohexane                | 5.66  | 56  | 2007  | 1.165  | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 7378  | 5.095  | ug/l # | 49     |
| 37) Ethyl Acetate              | 4.70  | 43  | 760   | 0.399  | ug/l # | 69     |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 10026 | 6.916  | ug/l # | 15     |
| 41) Methacrylonitrile          | 5.16  | 41  | 259   | 0.252  | ug/l # | 38     |
| 43) Isopropyl Acetate          | 6.46  | 43  | 21532 | 7.804  | ug/l   | 99     |
| 48) Methyl methacrylate        | 7.68  | 41  | 7334  | 5.920  | ug/l # | 16     |
| 49) 1,4-Dioxane                | 7.88  | 88  | 93    | 3.484  | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 46731 | 26.874 | ug/l # | 51     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75  | 20520 | 14.041 | ug/l # | 65     |
| 56) Ethyl methacrylate         | 9.30  | 69  | 533   | 0.339  | ug/l # | 1      |
| 57) 1,3-Dichloropropane        | 9.54  | 76  | 5020  | 2.841  | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43  | 76651 | 50.008 | ug/l # | 52     |
| 67) Ethyl Benzene              | 10.25 | 91  | 2133  | 0.479  | ug/l   | 89     |
| 68) m/p-Xylenes                | 10.36 | 106 | 2297  | 1.353  | ug/l   | 97     |
| 69) o-Xylene                   | 10.70 | 106 | 658   | 0.432  | ug/l   | 85     |
| 74) N-amyl acetate             | 10.69 | 43  | 6740  | 4.263  | ug/l # | 55     |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75  | 31629 | 23.103 | ug/l # | 36     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 1968  | 0.596  | ug/l   | 96     |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75  | 31629 | 73.633 | ug/l # | 9      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105 | 2614  | 0.598  | ug/l   | 100    |
| 95) Naphthalene                | 13.83 | 128 | 29190 | 7.070  | ug/l   | 99     |

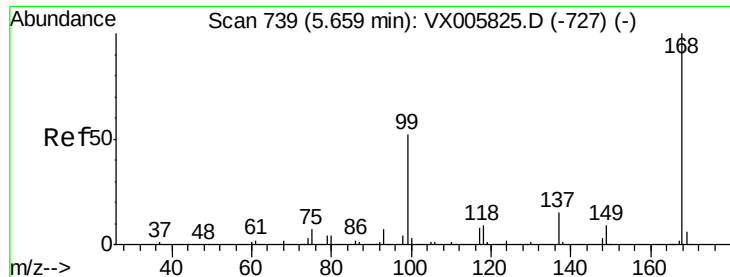
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110918\  
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Sample : J5863-03  
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ALS Vial : 20 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-3263

Quant Time: Nov 11 23:53:23 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X110718W.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 07 14:40:53 2018  
Response via : Initial Calibration

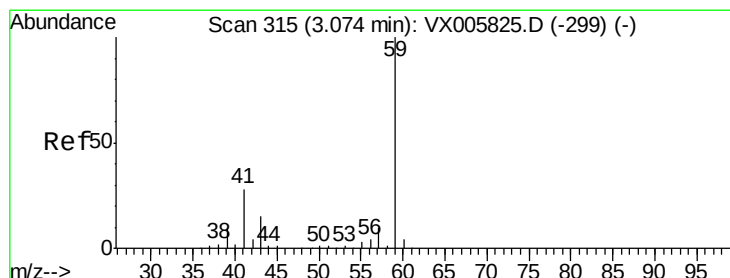
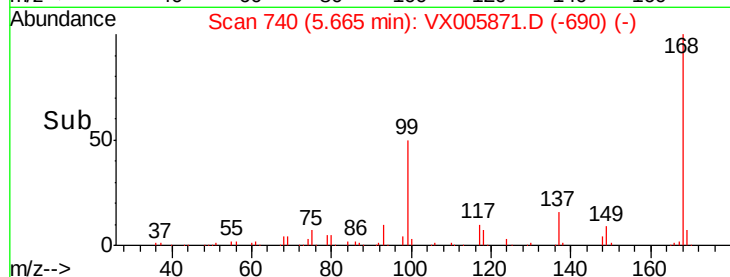
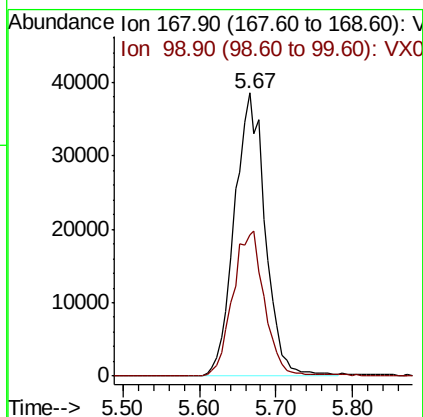
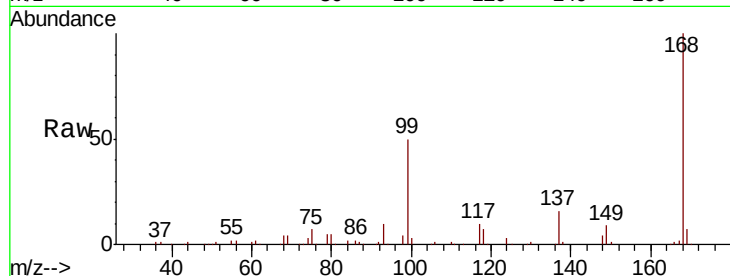




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. 0.01 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

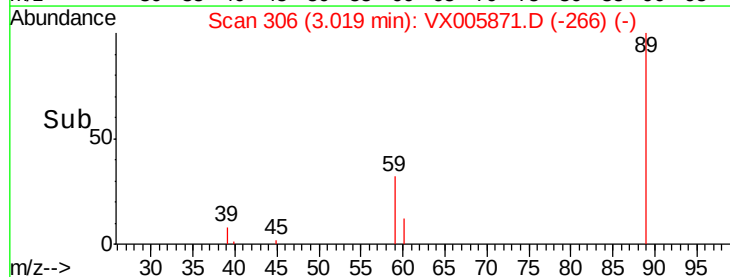
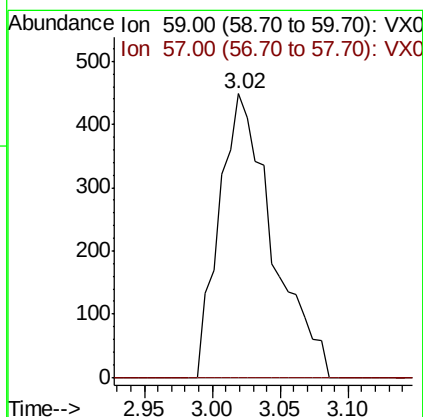
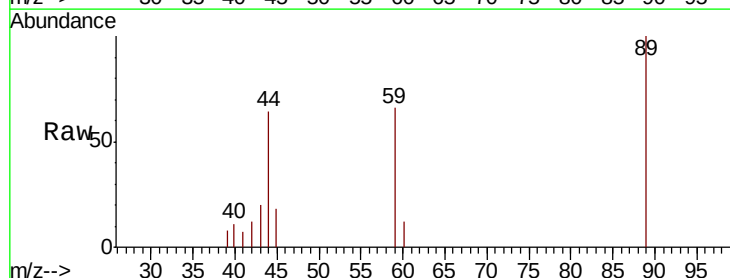
Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-3263

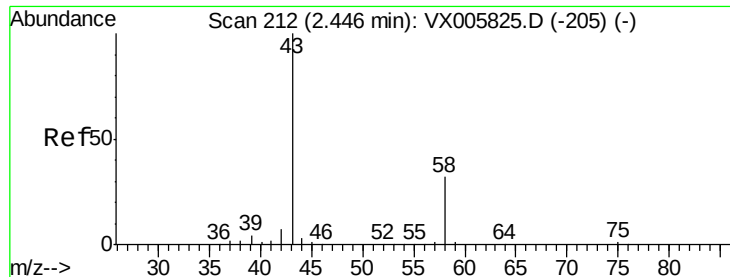
Tot Ion:168 Resp: 107614  
Ion Ratio Lower Upper  
168 100  
99 49.7 40.7 61.1



#11  
Tert butyl alcohol  
Concen: 3.442 ug/l  
RT: 3.02 min Scan# 306  
Delta R.T. -0.06 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Tgt Ion: 59 Resp: 1220  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.5 12.7#





#16

Acetone

Concen: 9.590 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampleId :

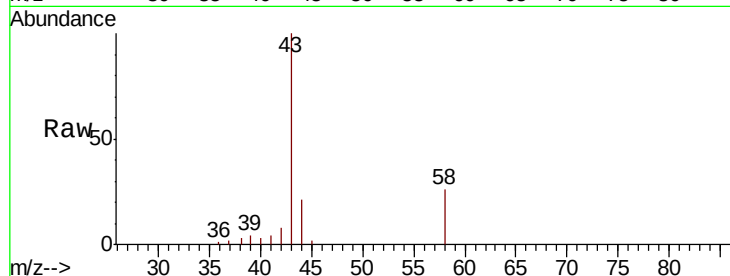
RT-3263

Tot Ion: 43 Resp: 6388

Ion Ratio Lower Upper

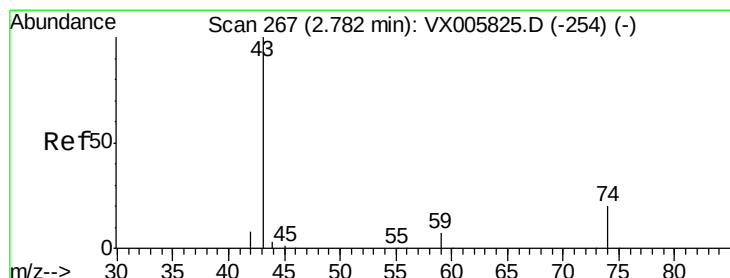
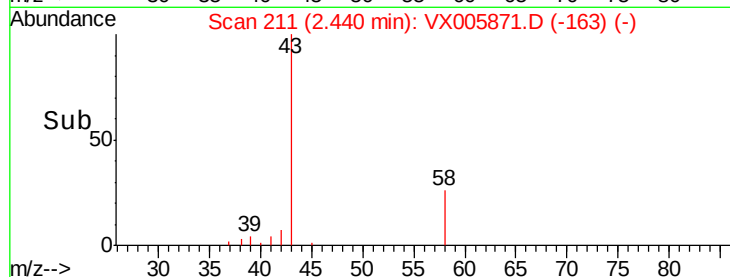
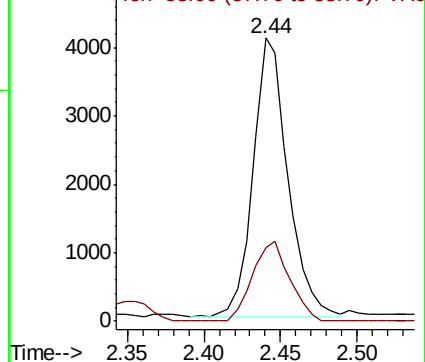
43 100

58 26.3 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 1.543 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX005871.D

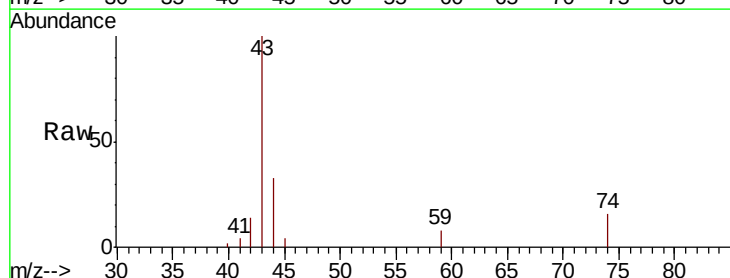
Acq: 09 Nov 2018 19:31

Tgt Ion: 43 Resp: 5321

Ion Ratio Lower Upper

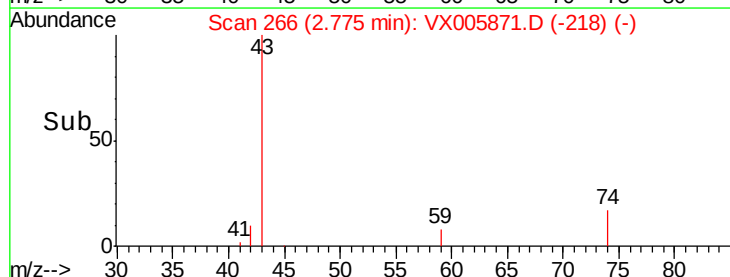
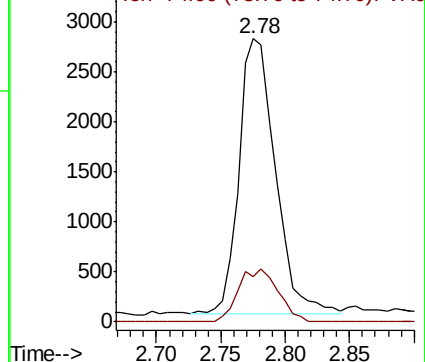
43 100

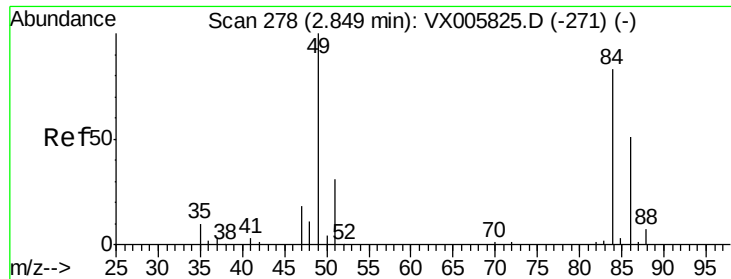
74 21.3 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

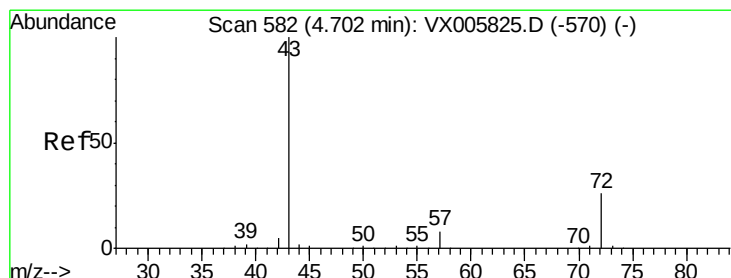
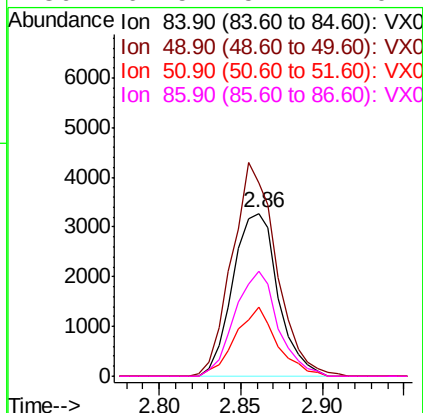
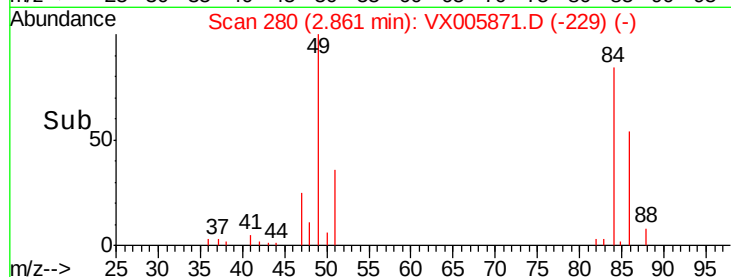
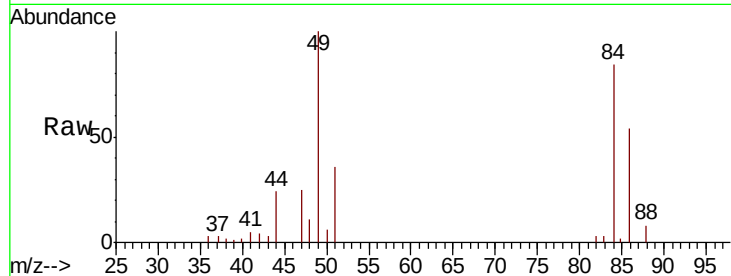




#20  
Methvlene Chloride  
Concen: 5.793 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

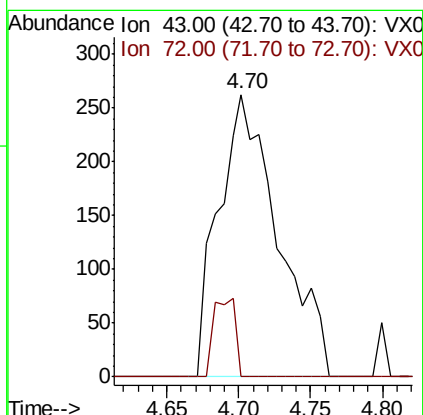
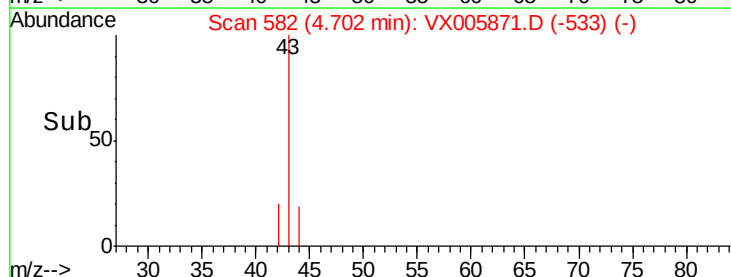
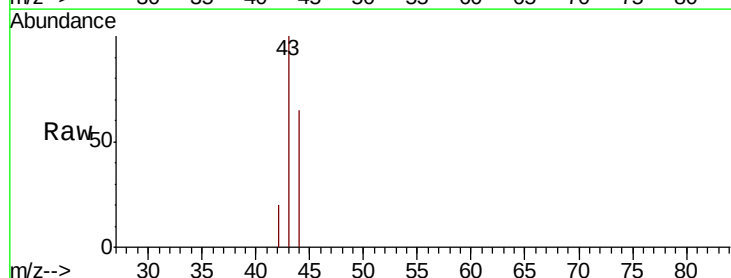
Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-3263

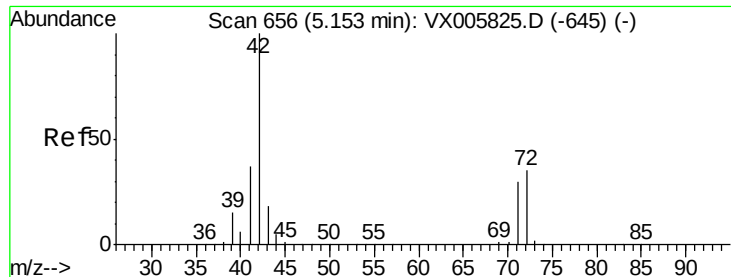
Tot Ion: 84 Resp: 6339  
Ion Ratio Lower Upper  
84 100  
49 118.7 109.5 164.3  
51 42.6 33.3 49.9  
86 64.5 52.7 79.1



#25  
2-Butanone  
Concen: 0.726 ug/l  
RT: 4.70 min Scan# 582  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Tgt Ion: 43 Resp: 760  
Ion Ratio Lower Upper  
43 100  
72 0.0 19.2 28.8#

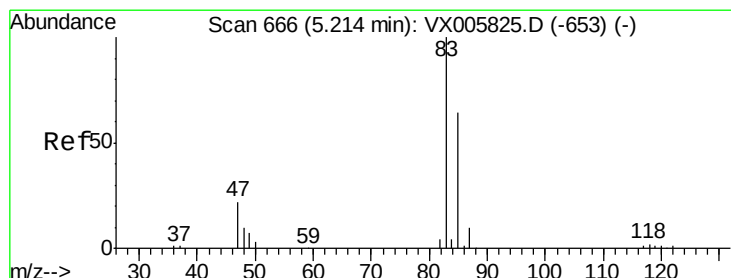
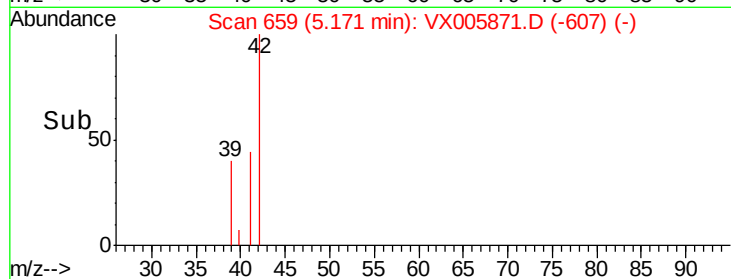
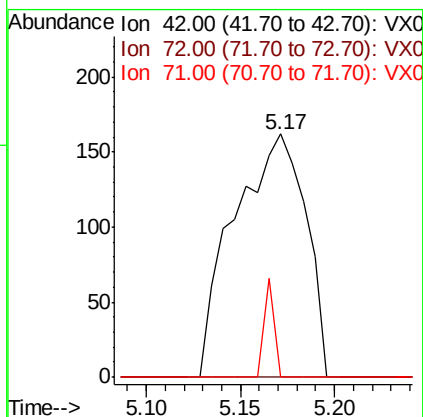
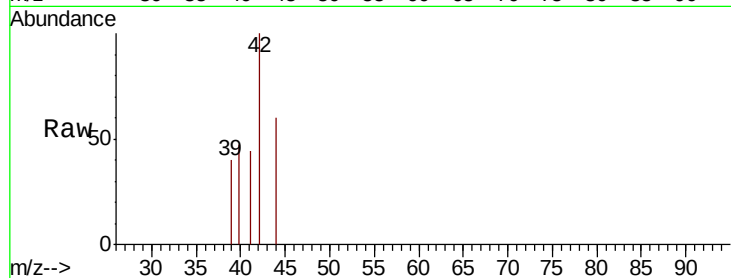




#29  
Tetrahydrofuran  
Concen: 0.634 ug/l  
RT: 5.17 min Scan# 659  
Delta R.T. 0.02 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

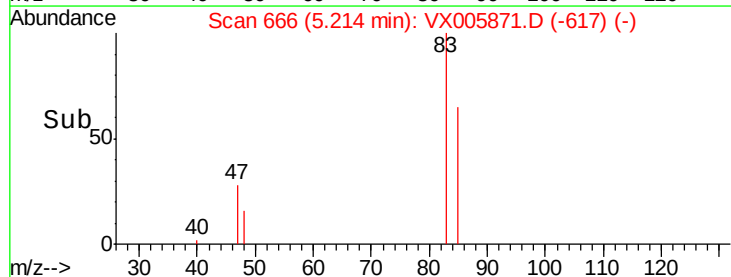
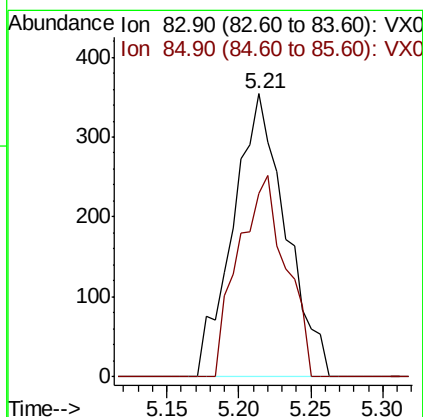
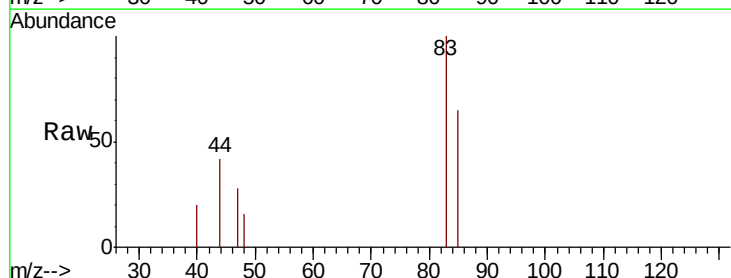
Instrument :  
MSVOA\_X  
ClientSampled :  
RT-3263

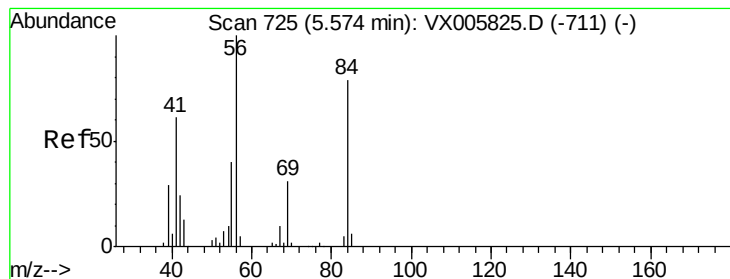
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 0.0   | 32.0  | 48.0# |
| 71      | 5.6   | 29.8  | 44.8# |



#30  
Chloroform  
Concen: 0.469 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.7  | 50.6  | 76.0  |





#31

Cyclohexane

Concen: 1.165 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampleId :

RT-3263

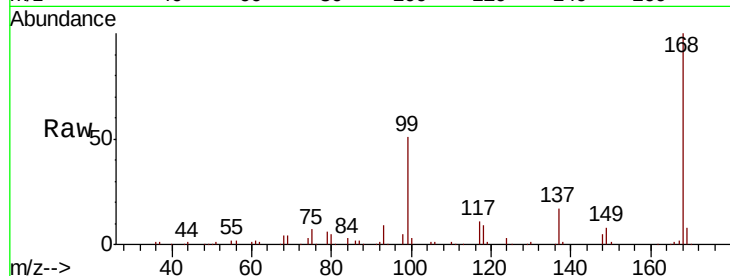
Tot Ion: 56 Resp: 2007

Ion Ratio Lower Upper

56 100

69 194.5 22.6 34.0#

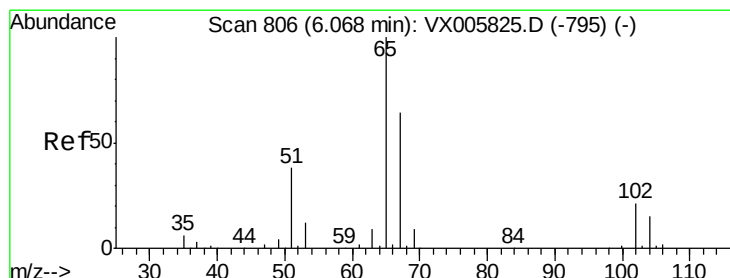
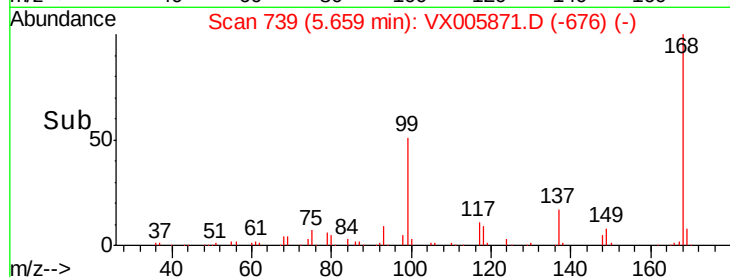
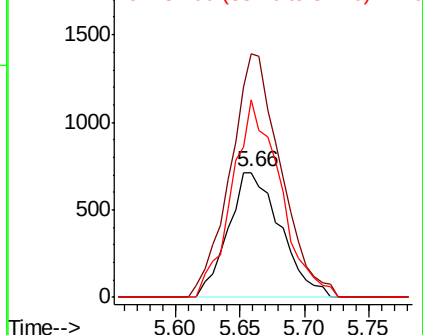
84 157.8 62.7 94.1#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 54.704 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005871.D

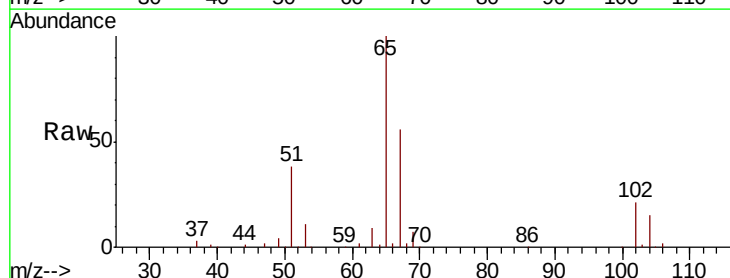
Acq: 09 Nov 2018 19:31

Tgt Ion: 65 Resp: 67678

Ion Ratio Lower Upper

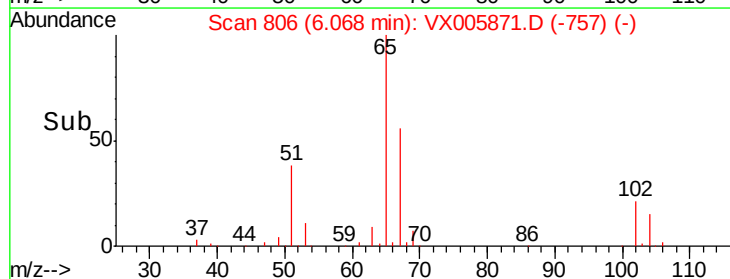
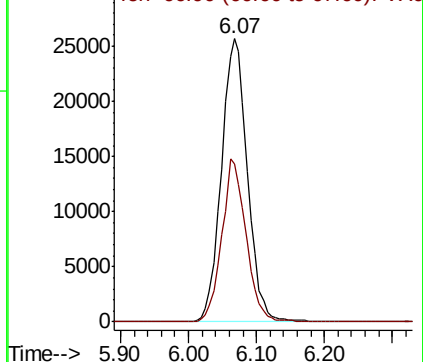
65 100

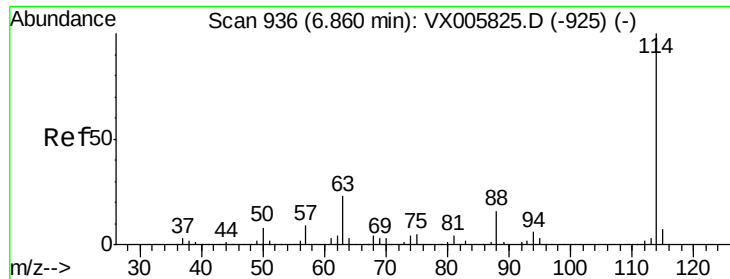
67 53.8 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

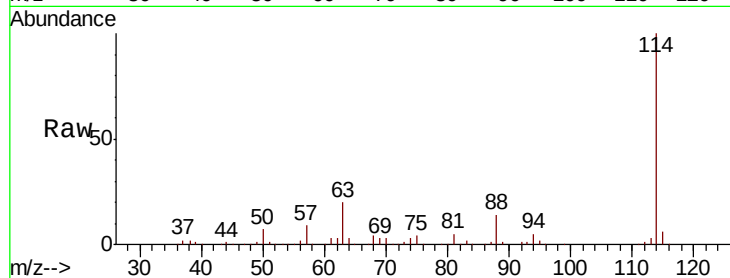




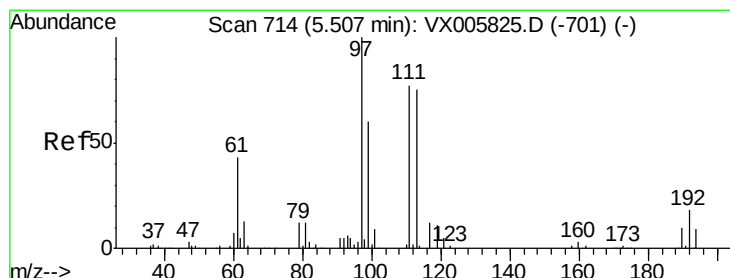
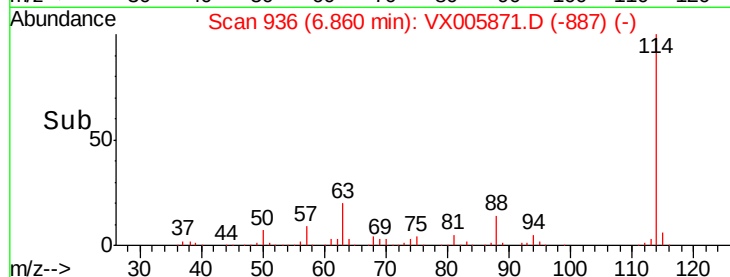
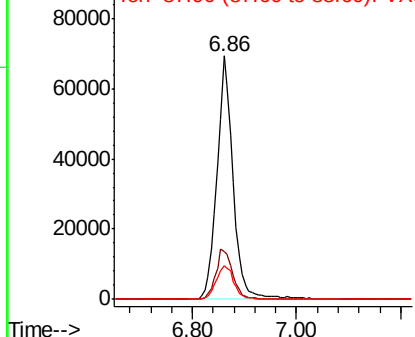
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-3263

Tot Ion:114 Resp: 150202  
Ion Ratio Lower Upper  
114 100  
63 19.6 0.0 42.8  
88 13.6 0.0 31.2

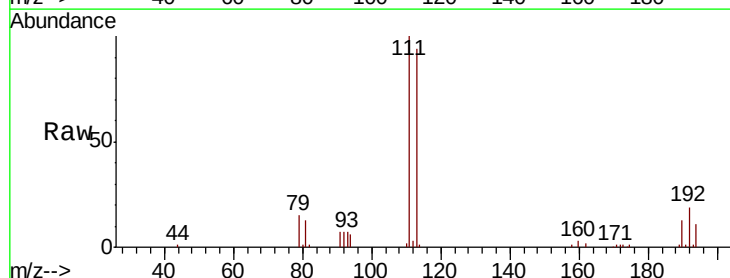


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VX0  
Ion 87.90 (87.60 to 88.60): VX0

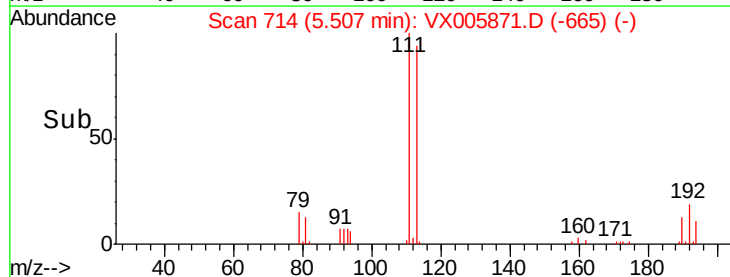
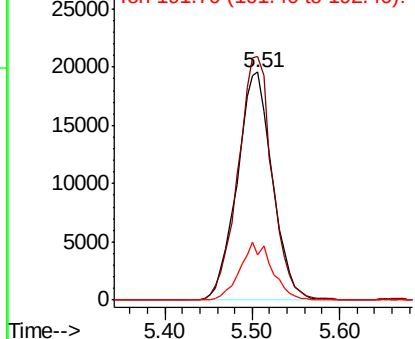


#35  
Dibromofluoromethane  
Concen: 53.835 ug/l  
RT: 5.51 min Scan# 714  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

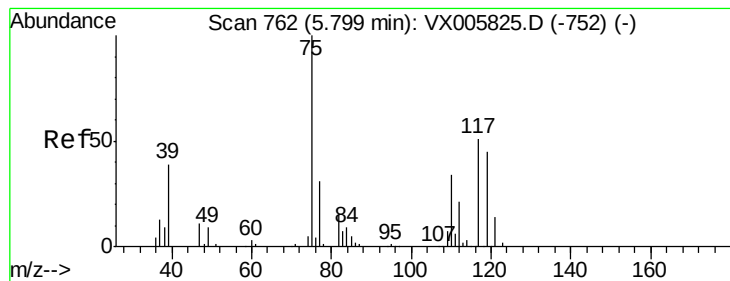
Tgt Ion:113 Resp: 54998  
Ion Ratio Lower Upper  
113 100  
111 103.4 82.3 123.5  
192 23.1 17.9 26.9



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: 5.095 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampled :

RT-3263

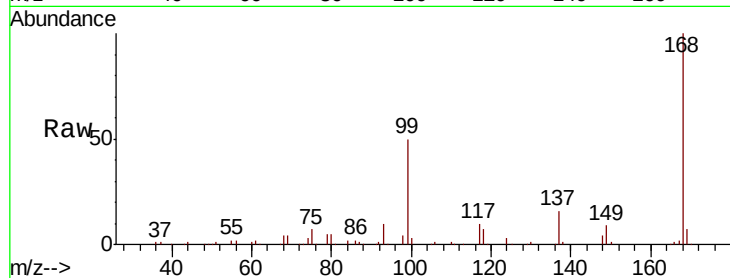
Tot Ion: 75 Resp: 7378

Ion Ratio Lower Upper

75 100

110 9.2 17.4 52.2#

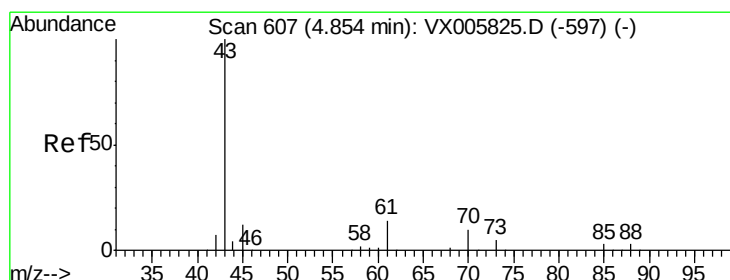
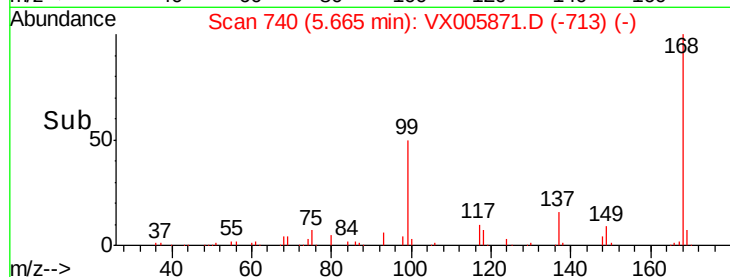
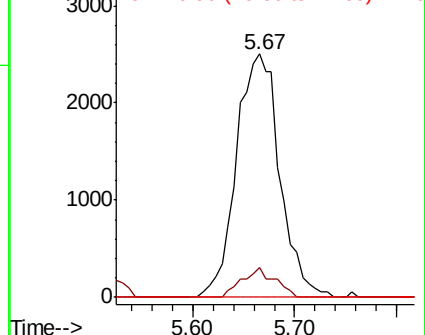
77 0.0 25.8 38.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.399 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.15 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

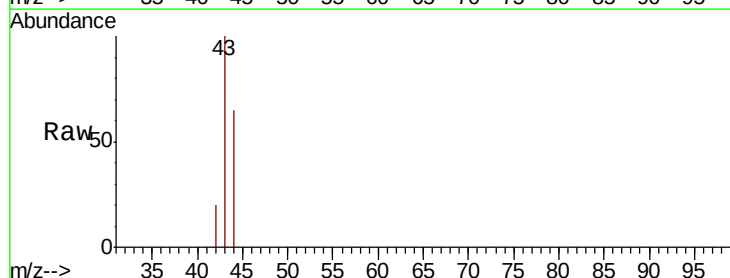
Tgt Ion: 43 Resp: 760

Ion Ratio Lower Upper

43 100

61 0.0 10.8 16.2#

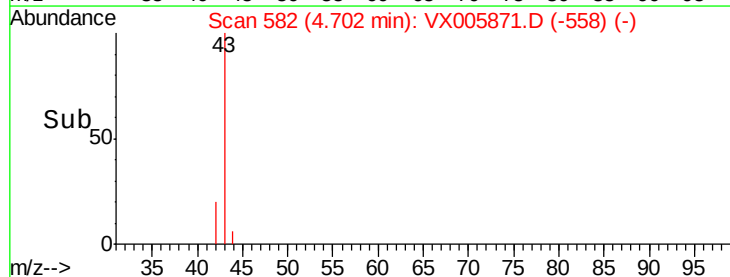
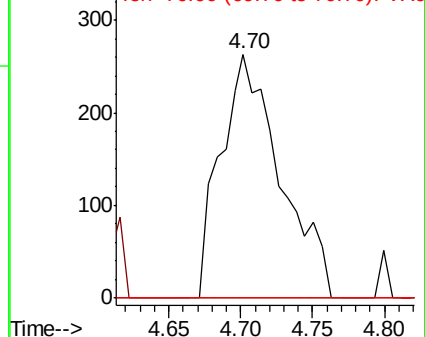
70 0.0 7.8 11.8#

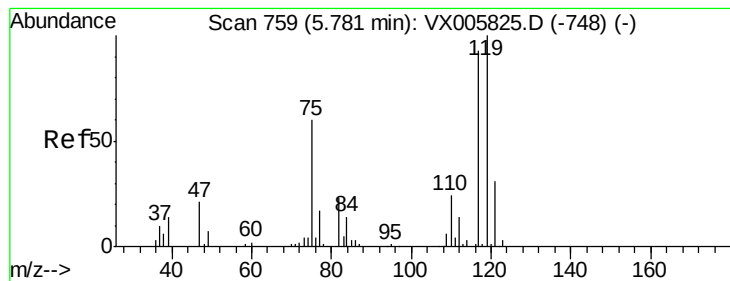


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 6.916 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampled :

RT-3263

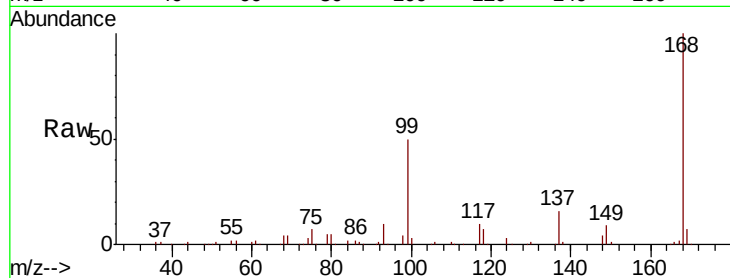
Tot Ion:117 Resp: 10026

Ion Ratio Lower Upper

117 100

119 4.7 78.1 117.1#

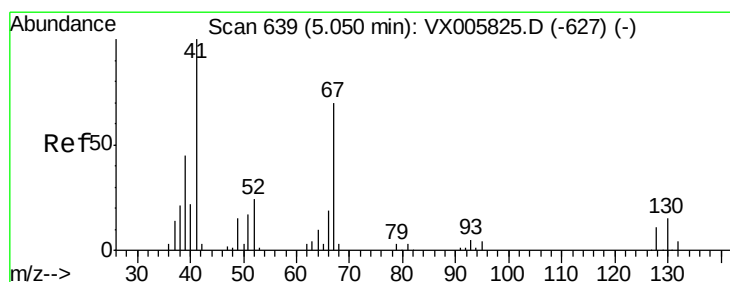
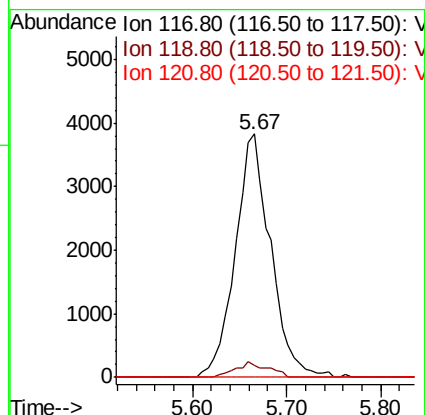
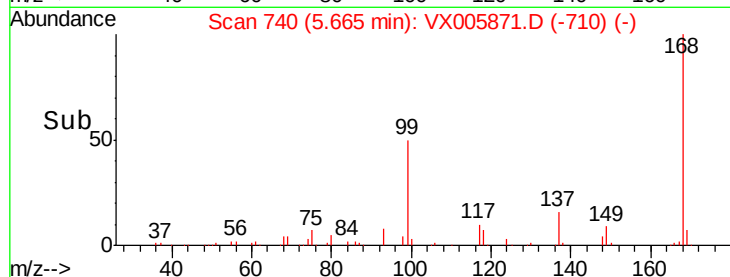
121 0.0 24.6 36.8#



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



#41

Methacrylonitrile

Concen: 0.252 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.11 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Tgt Ion: 41 Resp: 259

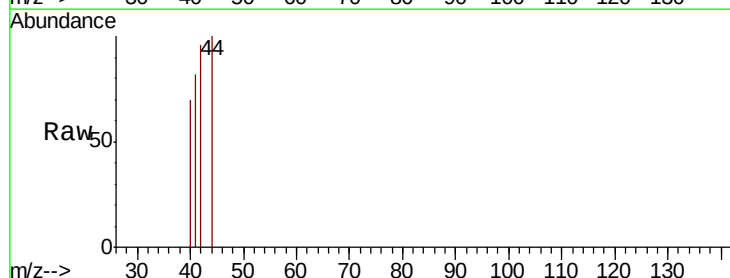
Ion Ratio Lower Upper

41 100

39 25.5 42.2 63.2#

67 0.0 53.4 80.0#

52 0.0 23.4 35.2#

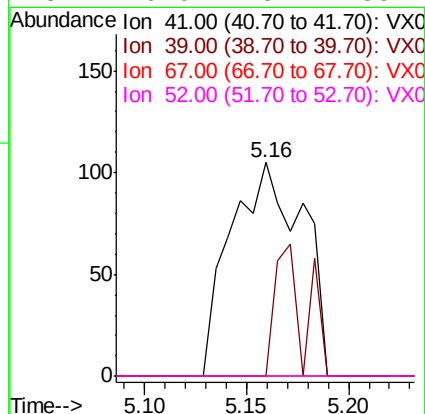
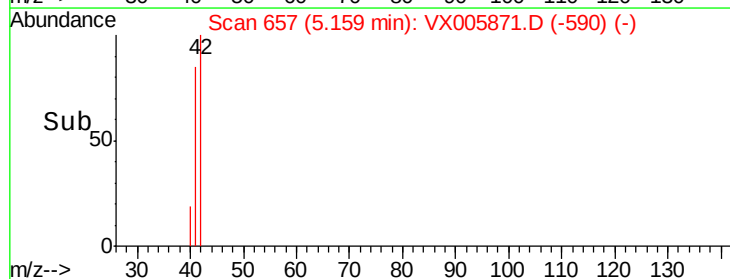


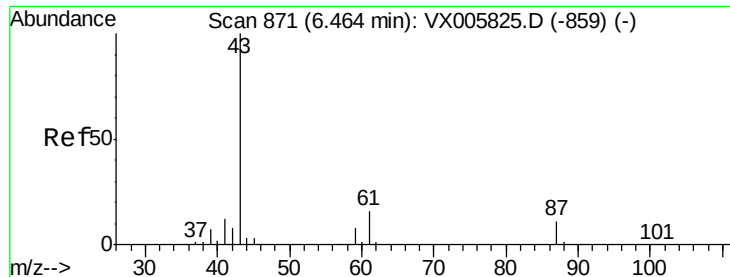
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#43

Isopropyl Acetate

Concen: 7.804 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.01 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampled :

RT-3263

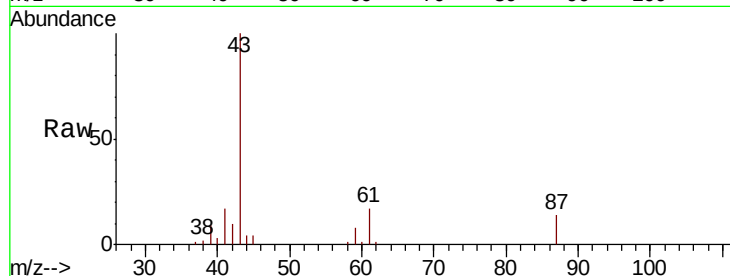
Tot Ion: 43 Resp: 21532

Ion Ratio Lower Upper

43 100

61 18.8 14.6 22.0

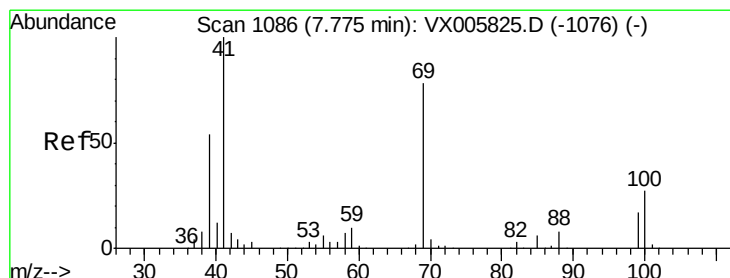
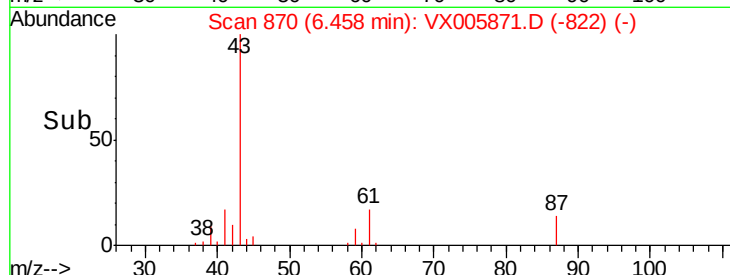
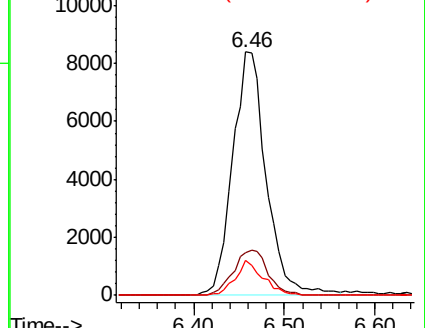
87 11.8 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#48

Methyl methacrylate

Concen: 5.920 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

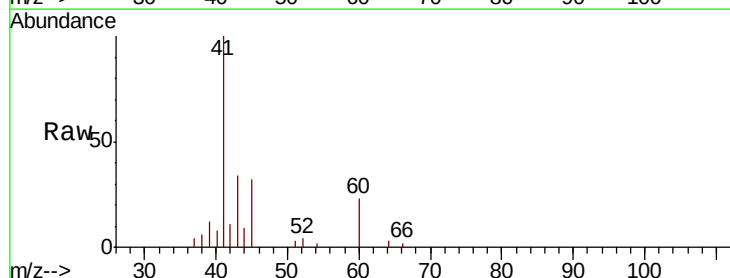
Tgt Ion: 41 Resp: 7334

Ion Ratio Lower Upper

41 100

69 0.0 63.2 94.8#

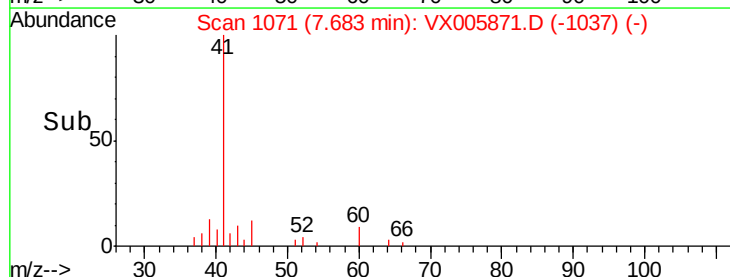
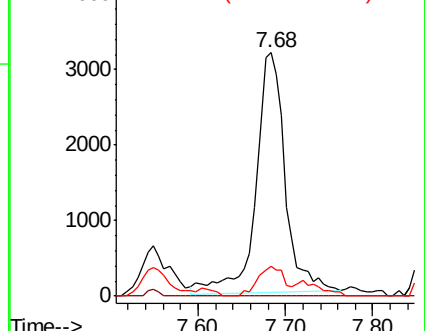
39 0.0 42.2 63.2#

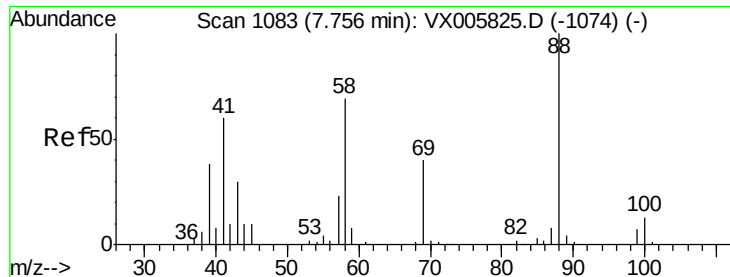


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 3.484 ug/l

RT: 7.88 min Scan# 1103

Delta R.T. 0.12 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampled :

RT-3263

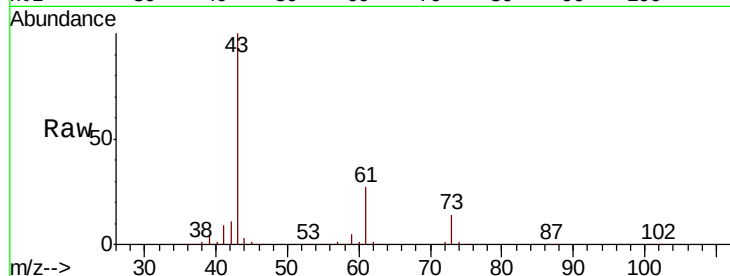
Tot Ion: 88 Resp: 93

Ion Ratio Lower Upper

88 100

43 757590.3 27.4 41.0#

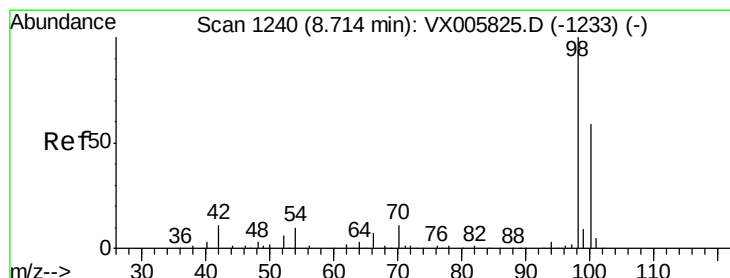
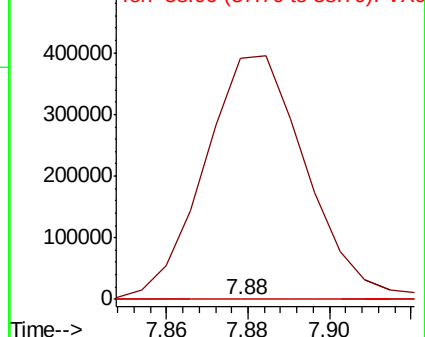
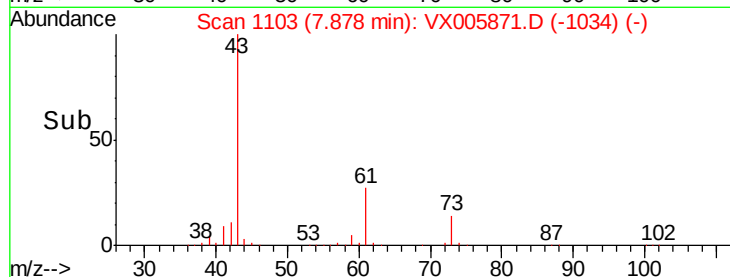
58 3236.6 59.4 89.2#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 56.048 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005871.D

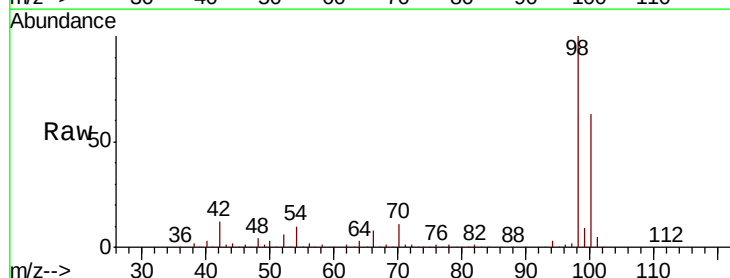
Acq: 09 Nov 2018 19:31

Tgt Ion: 98 Resp: 190359

Ion Ratio Lower Upper

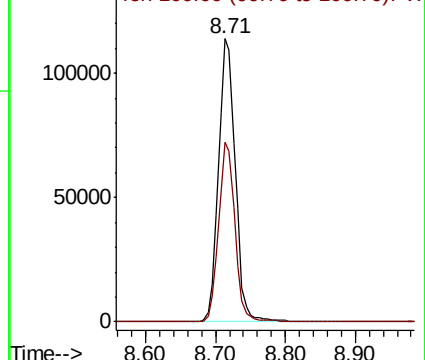
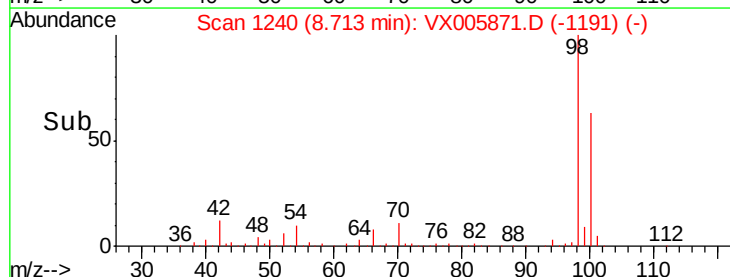
98 100

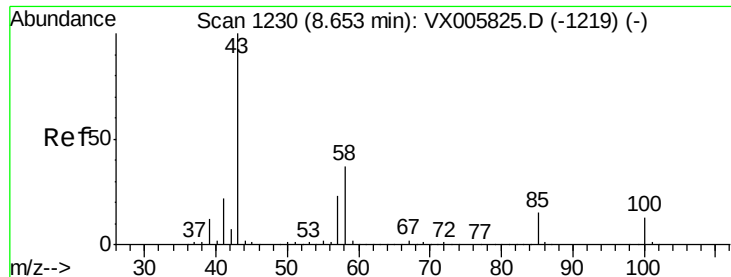
100 61.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 26.874 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.04 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampleId :

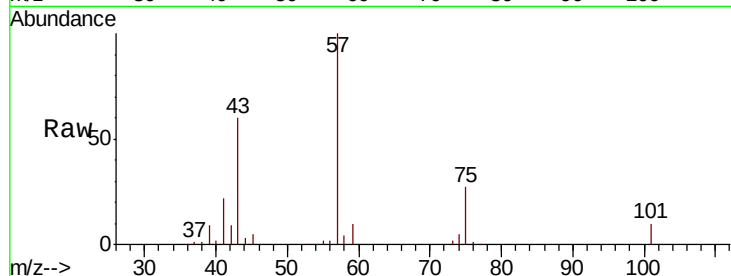
RT-3263

Tot Ion: 43 Resp: 46731

Ion Ratio Lower Upper

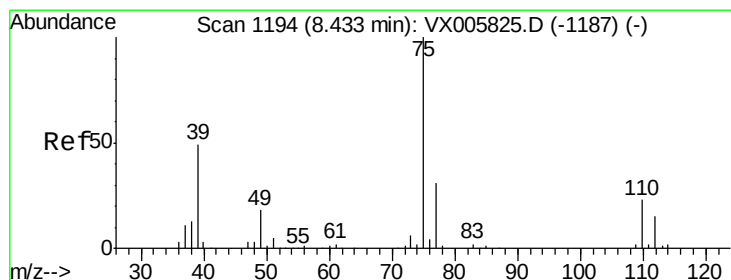
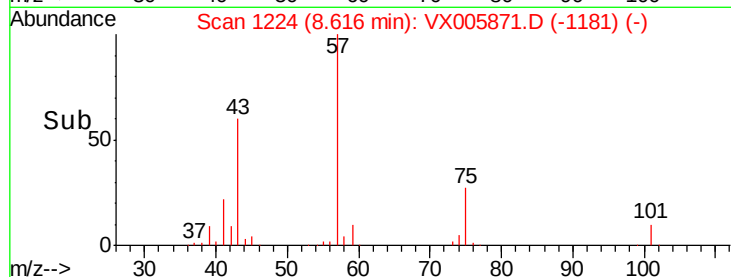
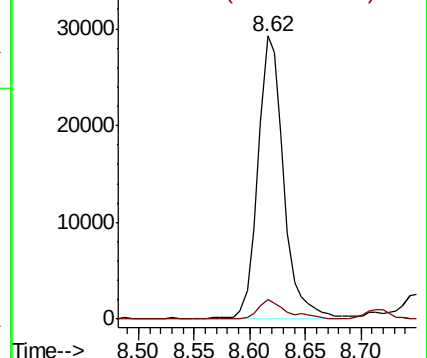
43 100

58 7.9 29.7 44.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 14.041 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

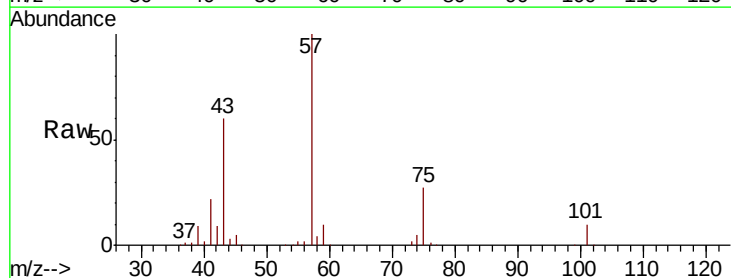
Tgt Ion: 75 Resp: 20520

Ion Ratio Lower Upper

75 100

77 1.0 25.2 37.8#

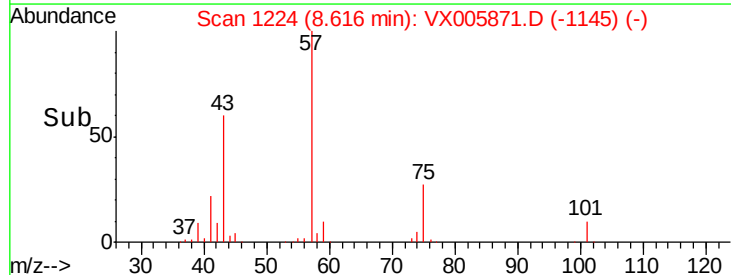
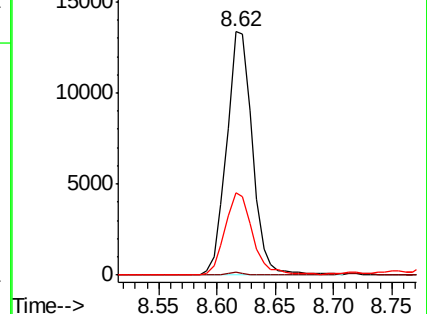
39 33.6 38.2 57.2#

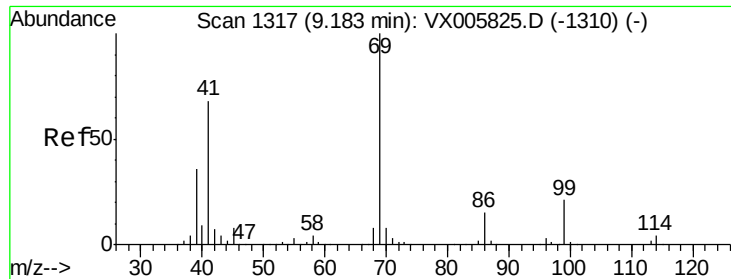


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 0.339 ug/l

RT: 9.30 min Scan# 1337

Delta R.T. 0.12 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampled :

RT-3263

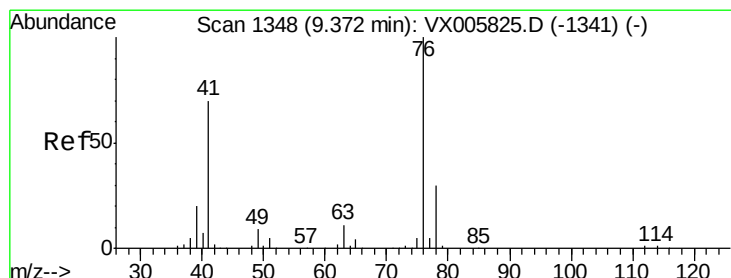
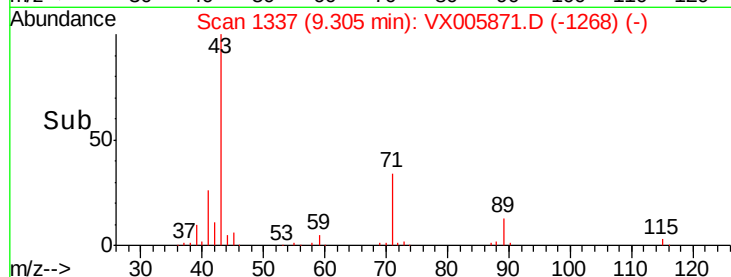
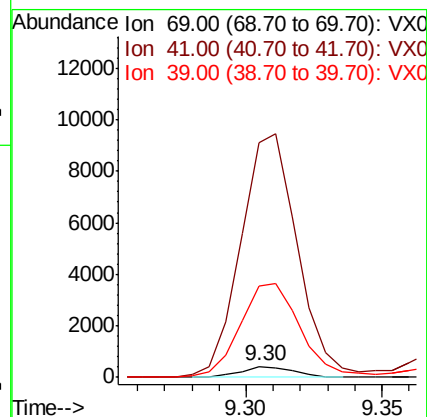
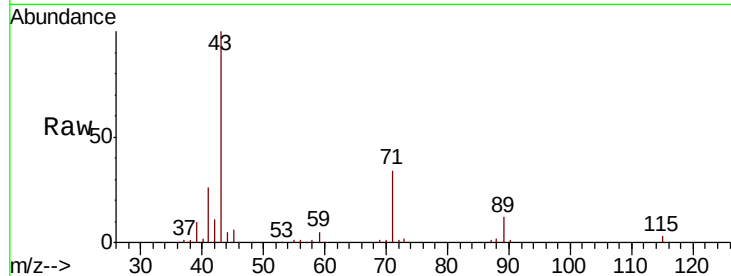
Tot Ion: 69 Resp: 533

Ion Ratio Lower Upper

69 100

41 2558.9 57.0 85.6#

39 1052.5 28.3 42.5#



#57

1,3-Dichloropropane

Concen: 2.841 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX005871.D

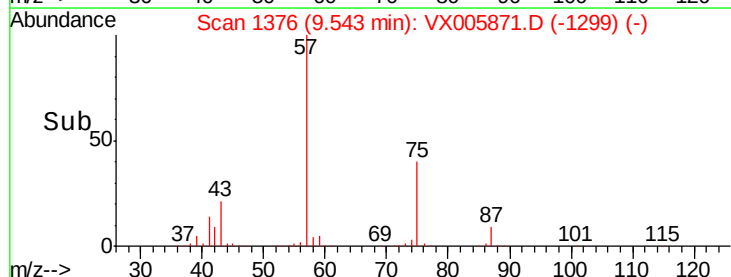
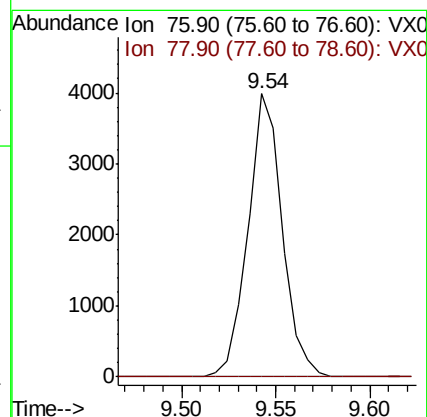
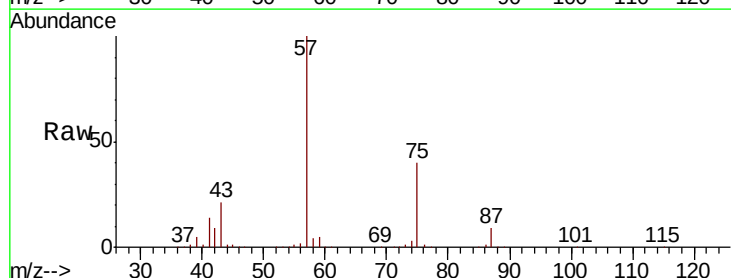
Acq: 09 Nov 2018 19:31

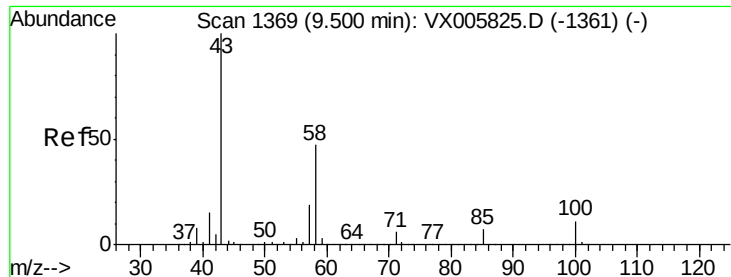
Tgt Ion: 76 Resp: 5020

Ion Ratio Lower Upper

76 100

78 0.0 25.3 37.9#

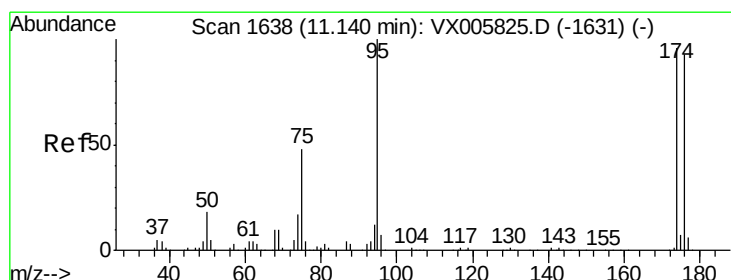
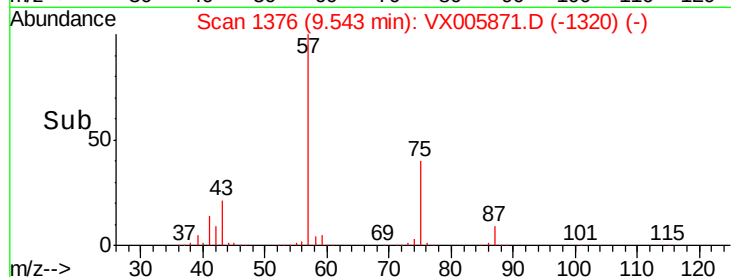
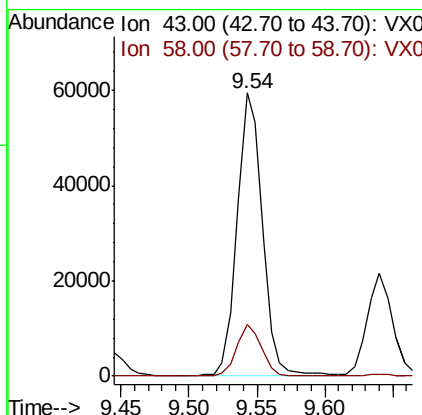
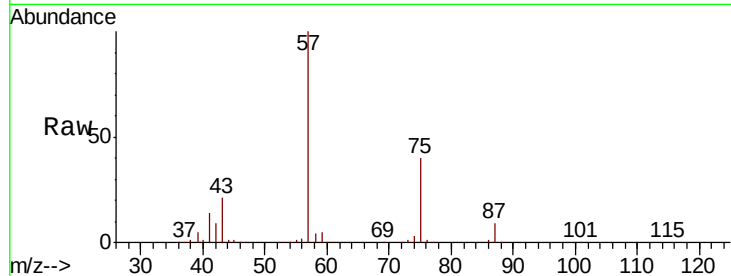




#59  
2-Hexanone  
Concen: 50.008 ug/l  
RT: 9.54 min Scan# 1376  
Delta R.T. 0.04 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

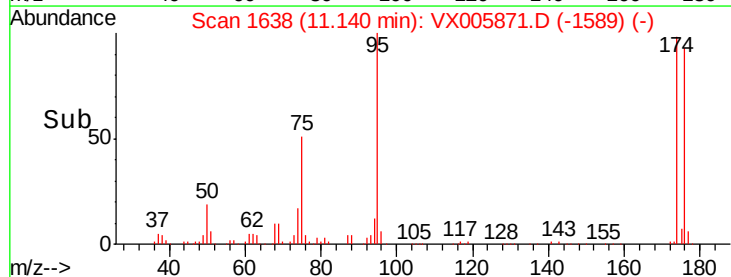
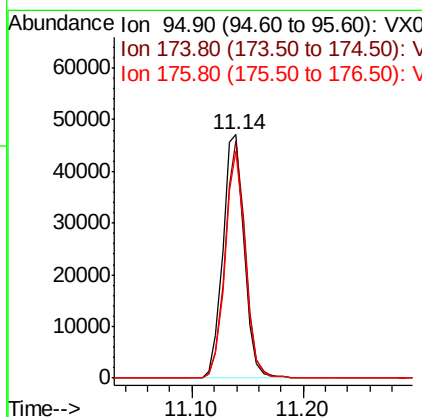
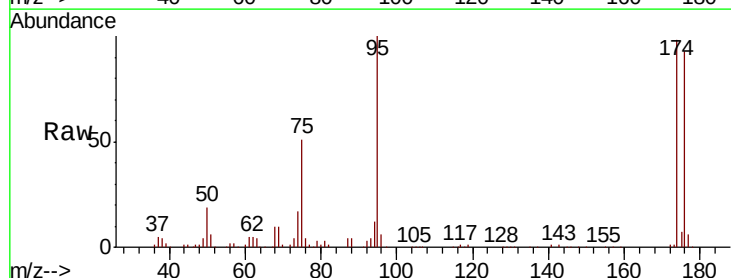
Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-3263

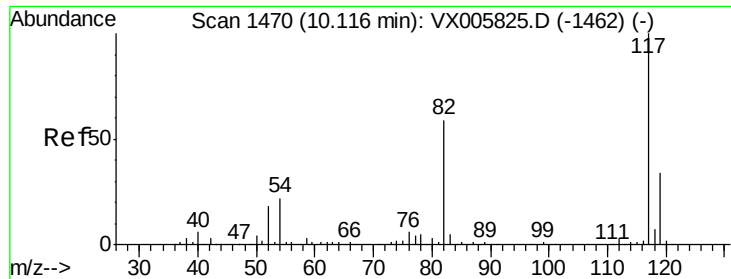
Tot Ion: 43 Resp: 76651  
Ion Ratio Lower Upper  
43 100  
58 18.2 25.9 77.8#



#62  
4-Bromofluorobenzene  
Concen: 50.934 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Tgt Ion: 95 Resp: 62197  
Ion Ratio Lower Upper  
95 100  
174 92.6 0.0 184.4  
176 88.3 0.0 177.4

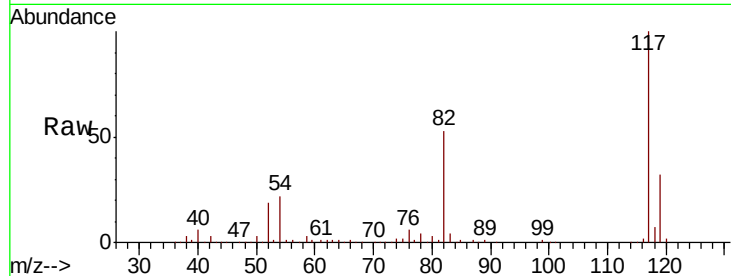




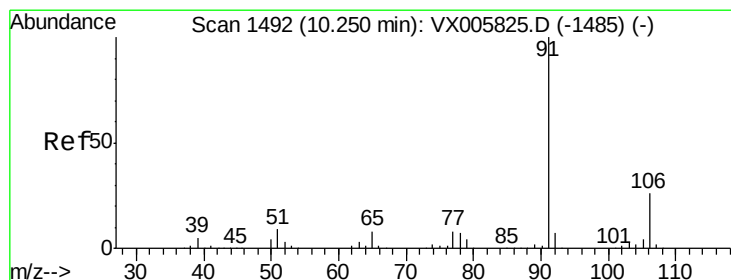
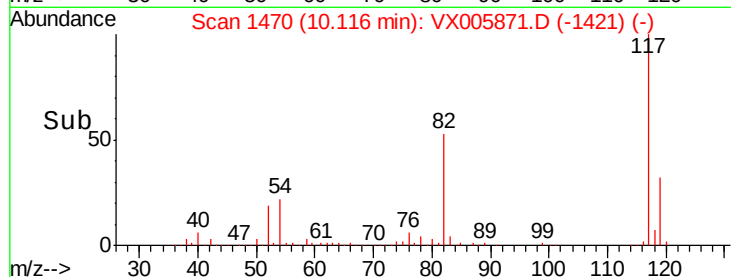
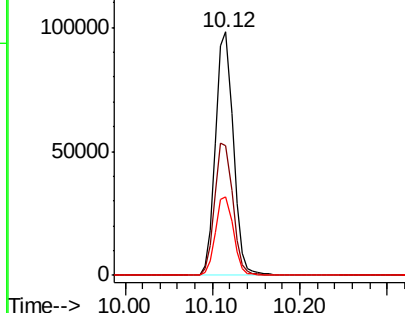
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Instrument :  
MSVOA\_X  
ClientSampled :  
RT-3263

Tot Ion:117 Resp: 138568  
Ion Ratio Lower Upper  
117 100  
82 53.3 44.1 66.1  
119 32.2 26.2 39.2

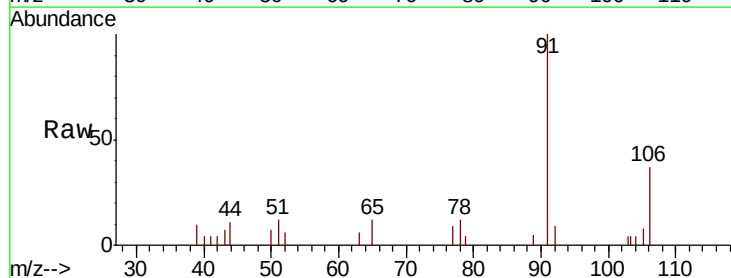


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

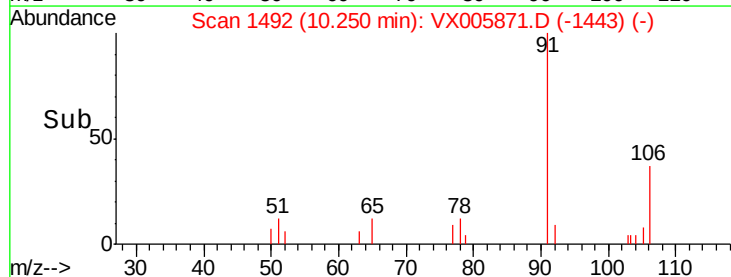
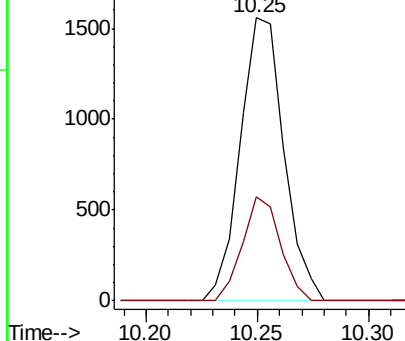


#67  
Ethyl Benzene  
Concen: 0.479 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

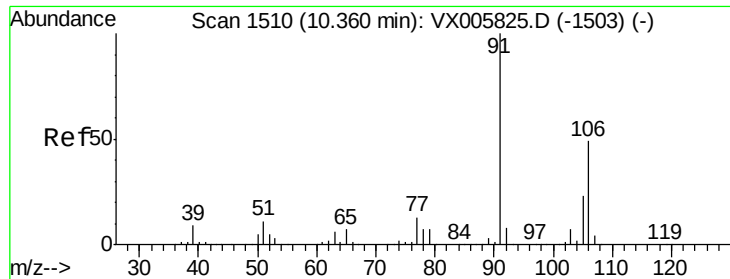
Tgt Ion: 91 Resp: 2133  
Ion Ratio Lower Upper  
91 100  
106 36.6 24.4 36.6



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 106.00 (105.70 to 106.70): V



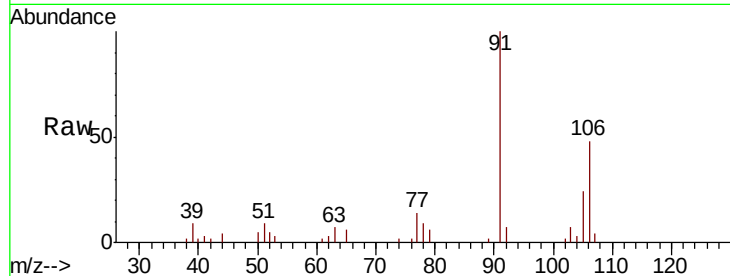




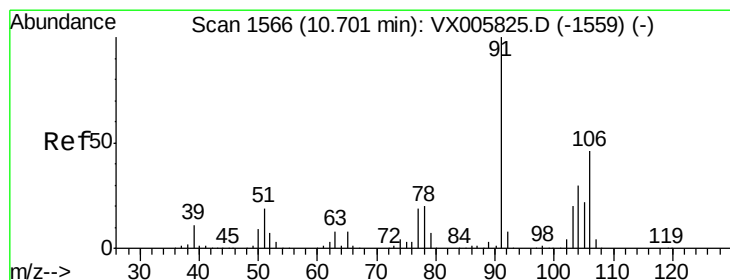
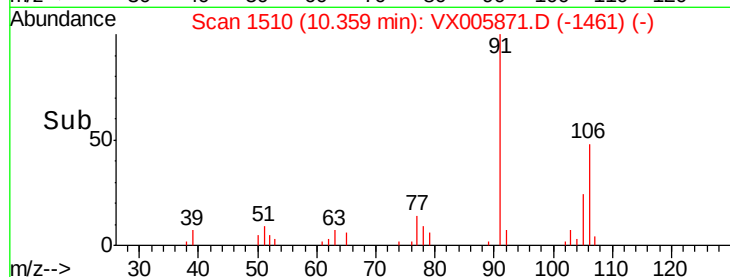
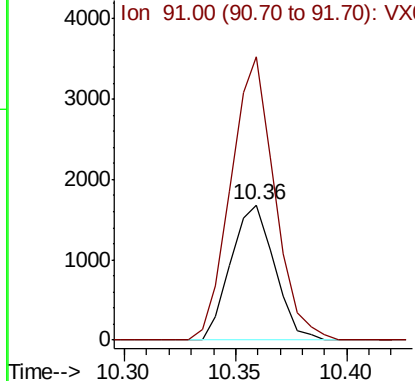
#68  
m/p-Xylenes  
Concen: 1.353 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Instrument :  
MSVOA\_X  
ClientSampleId :  
RT-3263

Tot Ion:106 Resp: 2297  
Ion Ratio Lower Upper  
106 100  
91 209.9 164.2 246.4

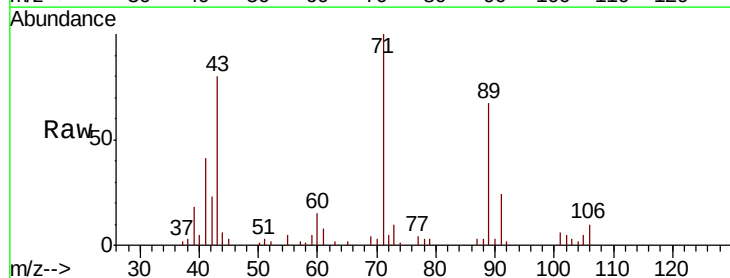


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

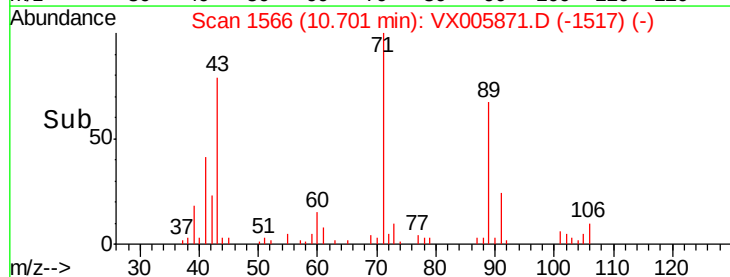
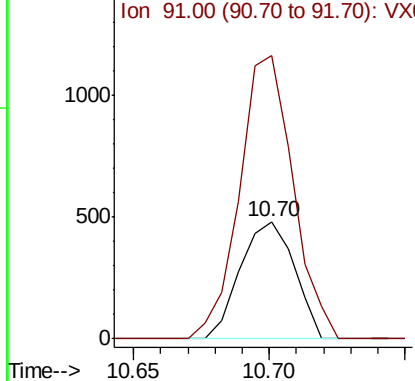


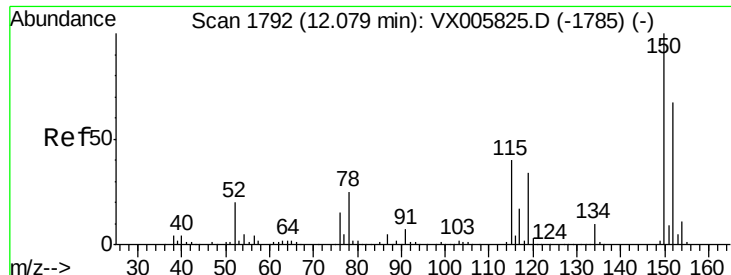
#69  
o-Xylene  
Concen: 0.432 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005871.D  
Acq: 09 Nov 2018 19:31

Tgt Ion:106 Resp: 658  
Ion Ratio Lower Upper  
106 100  
91 240.3 108.5 325.5



Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampleId :

RT-3263

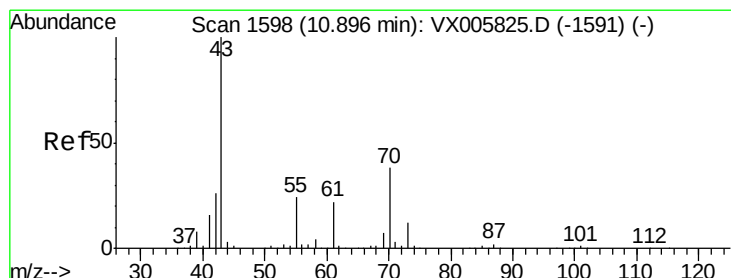
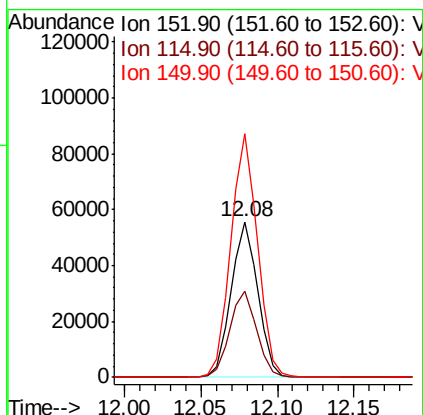
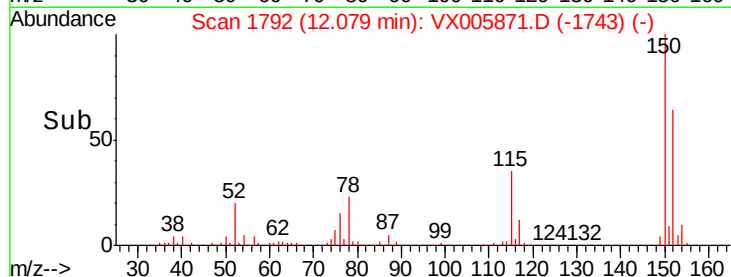
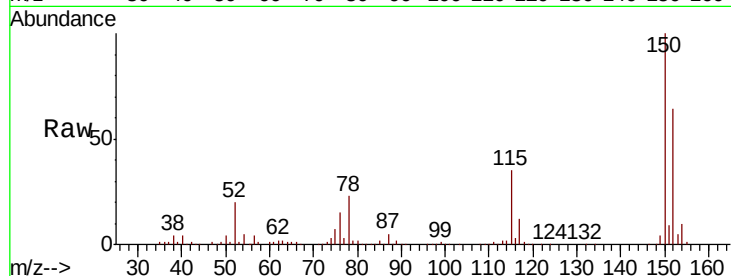
Tot Ion:152 Resp: 67235

Ion Ratio Lower Upper

152 100

115 55.7 39.4 118.1

150 156.3 0.0 346.4



#74

N-ethyl acetate

Concen: 4.263 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Tgt Ion: 43 Resp: 6740

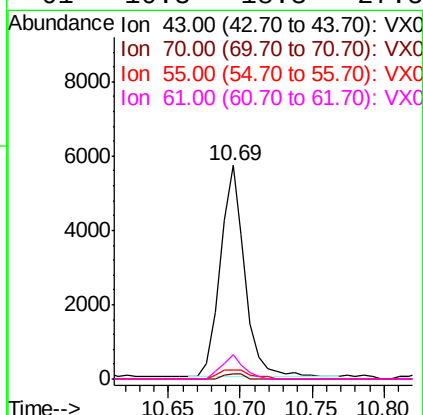
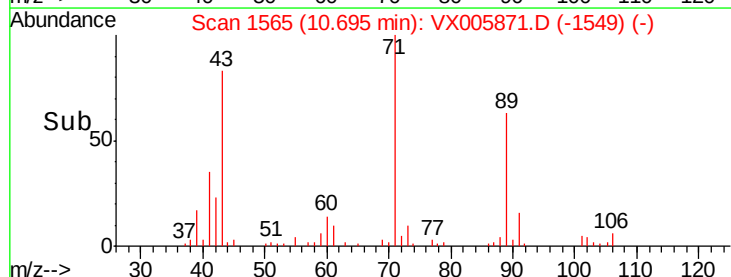
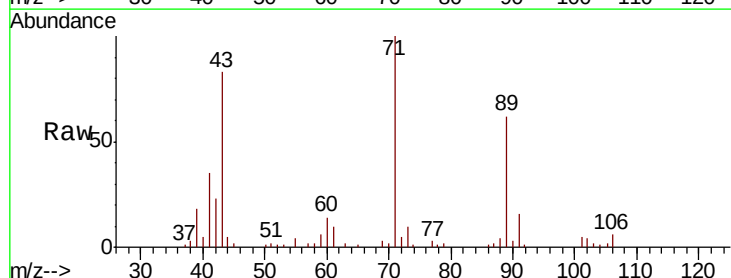
Ion Ratio Lower Upper

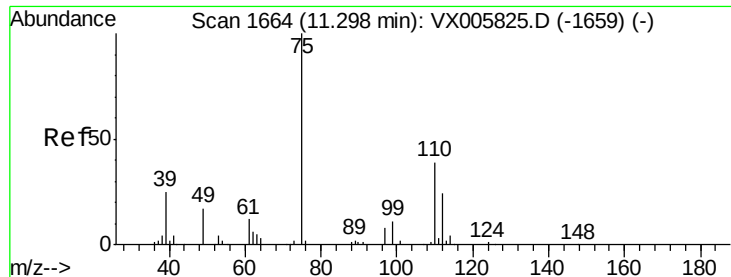
43 100

70 2.0 31.6 47.4#

55 5.9 19.7 29.5#

61 10.3 18.3 27.5#





#76

1,2,3-Trichloropropane

Concen: 23.103 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampled :

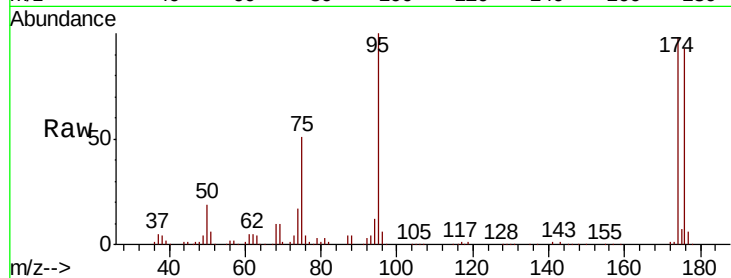
RT-3263

Tot Ion: 75 Resp: 31629

Ion Ratio Lower Upper

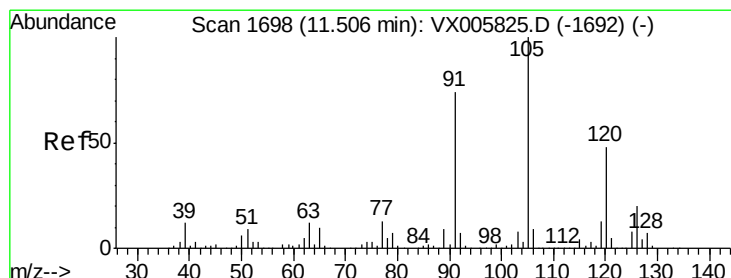
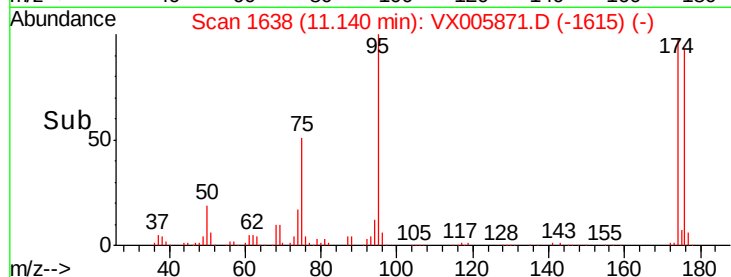
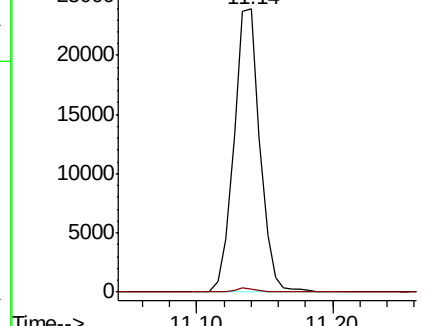
75 100

77 1.3 20.5 61.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.596 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005871.D

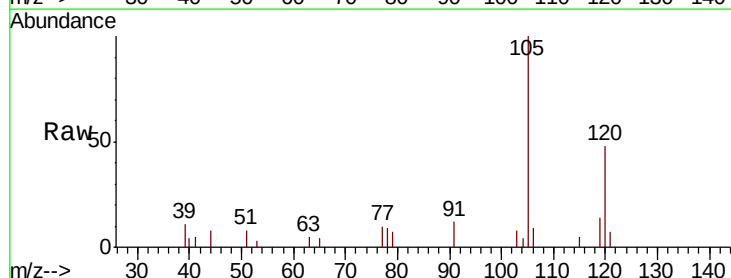
Acq: 09 Nov 2018 19:31

Tgt Ion: 105 Resp: 1968

Ion Ratio Lower Upper

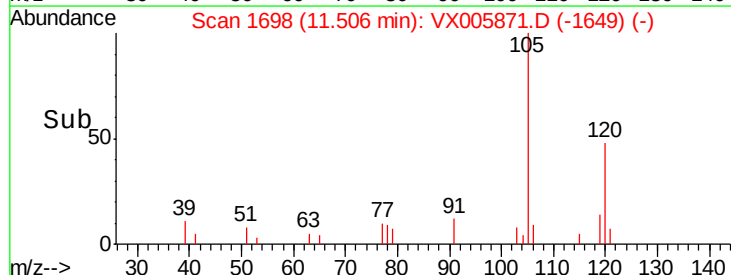
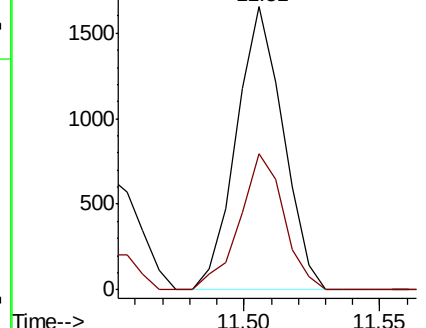
105 100

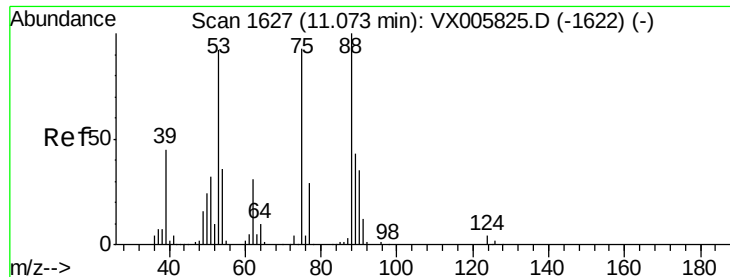
120 45.6 24.1 72.2



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: 73.633 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.07 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampleId :

RT-3263

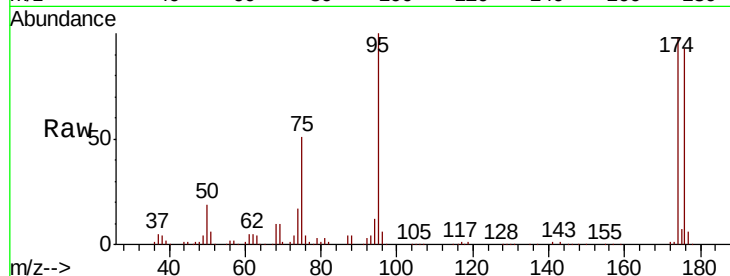
Tot Ion: 75 Resp: 31629

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.2#

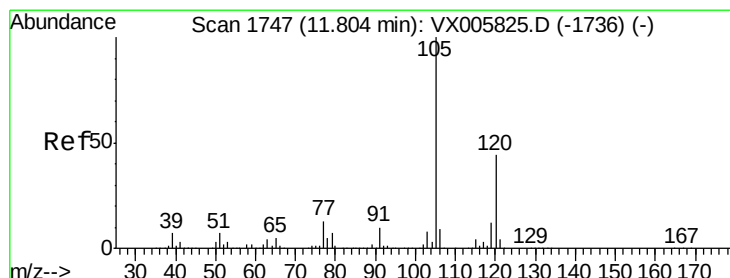
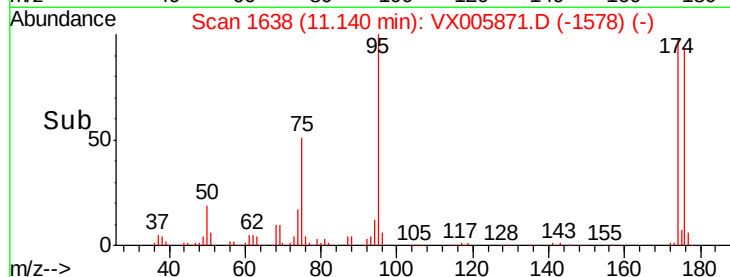
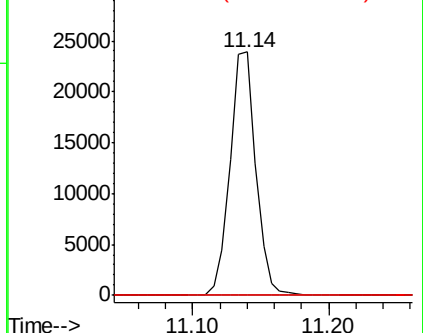
89 0.0 39.8 59.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#84

1,2,4-Trimethylbenzene

Concen: 0.598 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.01 min

Lab File: VX005871.D

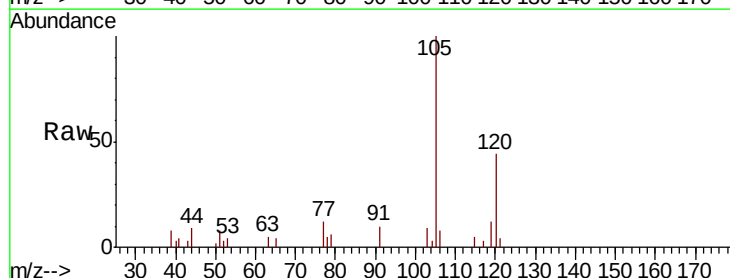
Acq: 09 Nov 2018 19:31

Tgt Ion: 105 Resp: 2614

Ion Ratio Lower Upper

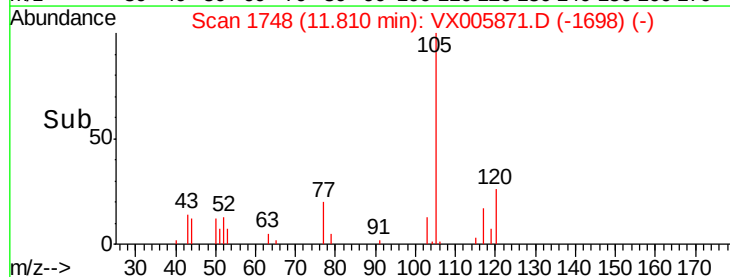
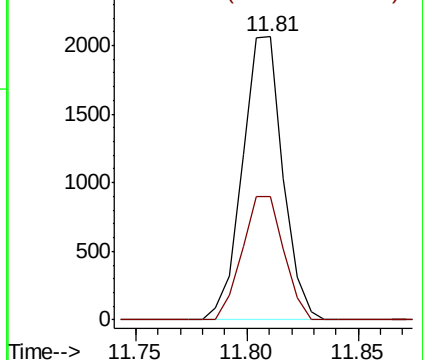
105 100

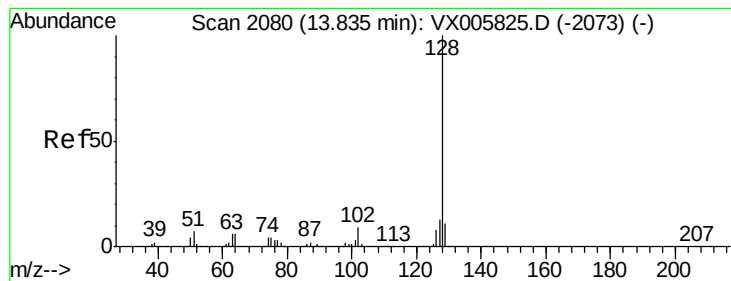
120 44.7 22.4 67.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 7.070 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005871.D

Acq: 09 Nov 2018 19:31

Instrument :

MSVOA\_X

ClientSampleId :

RT-3263

Tot Ion:128 Resp: 29190

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

129 11.1 8.7 13.1

