

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\  
 Data File : VX005104.D  
 Acq On : 06 Oct 2018 09:06  
 Operator : JC/MD  
 Sample : J5179-08  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 39 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T1-GRAVEL

Quant Time: Oct 08 00:57:33 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Oct 03 04:00:03 2018  
 Response via : Initial Calibration

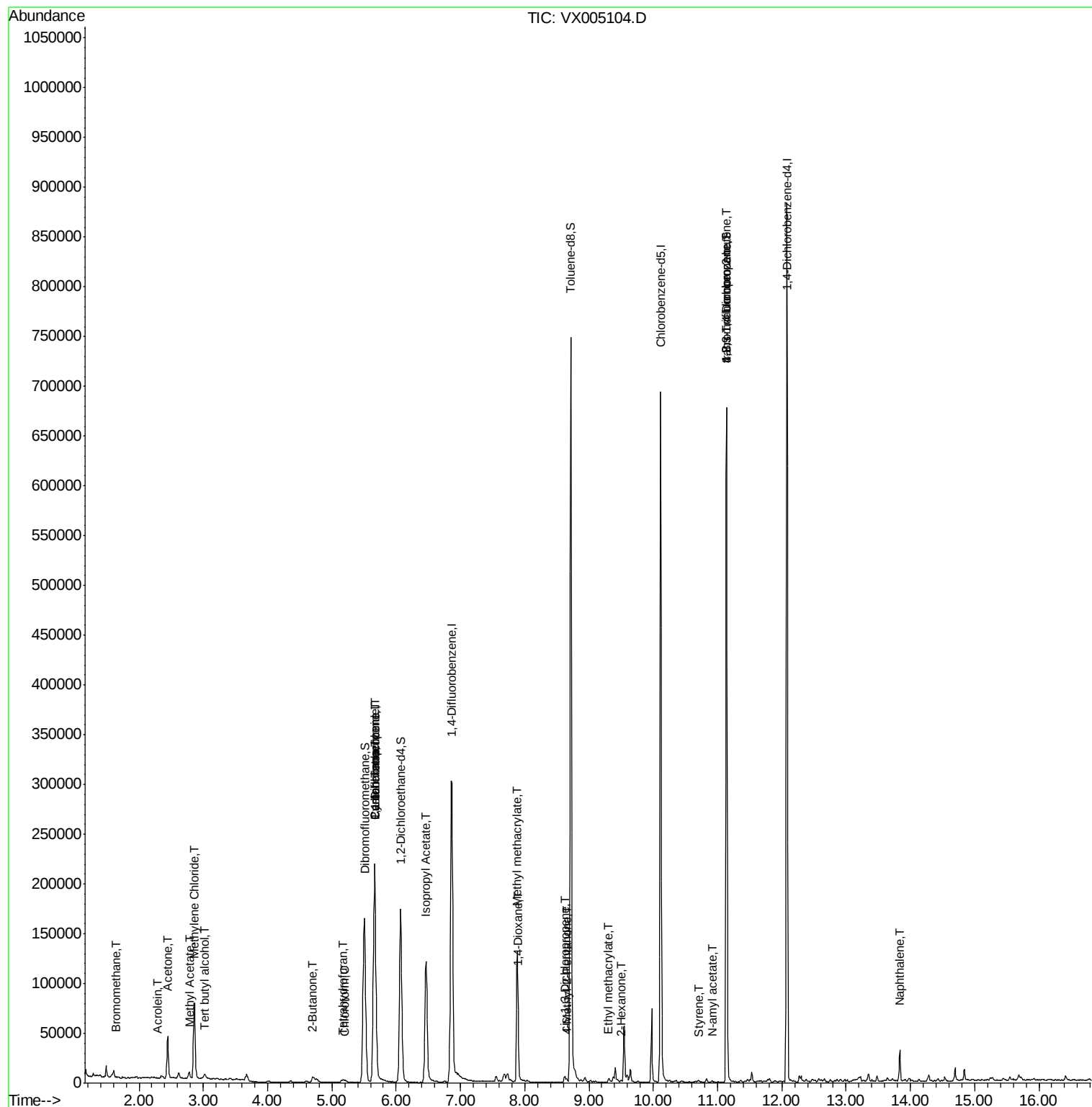
| Internal Standards             | R.T.   | QIon | Response | Conc      | Units   | Dev(Min) |
|--------------------------------|--------|------|----------|-----------|---------|----------|
| 1) Pentafluorobenzene          | 5.67   | 168  | 224746   | 50.00     | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene        | 6.87   | 114  | 322877   | 50.00     | ug/l    | 0.00     |
| 63) Chlorobenzene-d5           | 10.12  | 117  | 325387   | 50.00     | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4     | 12.08  | 152  | 181334   | 50.00     | ug/l    | 0.00     |
| System Monitoring Compounds    |        |      |          |           |         |          |
| 33) 1,2-Dichloroethane-d4      | 6.07   | 65   | 167588   | 52.20     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 104.40% |          |
| 35) Dibromofluoromethane       | 5.51   | 113  | 144017   | 52.63     | ug/l    | 0.01     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 105.26% |          |
| 50) Toluene-d8                 | 8.71   | 98   | 470009   | 51.67     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 103.34% |          |
| 62) 4-Bromofluorobenzene       | 11.14  | 95   | 169562   | 51.74     | ug/l    | 0.00     |
| Spiked Amount                  | 50.000 |      | Recovery | =         | 103.48% |          |
| Target Compounds               |        |      |          |           |         |          |
|                                |        |      |          |           | Qvalue  |          |
| 5) Bromomethane                | 1.65   | 94   | 550      | 0.266     | ug/l #  | 57       |
| 6) Chloroethane                | 1.70   | 64   | 219      | Below Cal | #       | 45       |
| 11) Tert butyl alcohol         | 3.02   | 59   | 2897     | 3.227     | ug/l #  | 79       |
| 13) Acrolein                   | 2.29   | 56   | 207      | 0.324     | ug/l #  | 43       |
| 16) Acetone                    | 2.45   | 43   | 41682    | 22.238    | ug/l    | 97       |
| 18) Methyl Acetate             | 2.78   | 43   | 7626     | 1.606     | ug/l    | 98       |
| 20) Methylene Chloride         | 2.86   | 84   | 35138    | 12.260    | ug/l    | 93       |
| 25) 2-Butanone                 | 4.70   | 43   | 9400     | 3.402     | ug/l    | 100      |
| 29) Tetrahydrofuran            | 5.17   | 42   | 2652     | 1.544     | ug/l #  | 85       |
| 30) Chloroform                 | 5.21   | 83   | 1489     | 0.295     | ug/l #  | 79       |
| 31) Cyclohexane                | 5.66   | 56   | 3884     | 0.951     | ug/l #  | 1        |
| 36) 1,1-Dichloropropene        | 5.66   | 75   | 14001    | 3.750     | ug/l #  | 47       |
| 38) Carbon Tetrachloride       | 5.67   | 117  | 19509    | 4.971     | ug/l #  | 17       |
| 43) Isopropyl Acetate          | 6.46   | 43   | 167539   | 23.422    | ug/l    | 96       |
| 48) Methyl methacrylate        | 7.88   | 41   | 12698    | 3.911     | ug/l #  | 42       |
| 49) 1,4-Dioxane                | 7.90   | 88   | 20       | 0.248     | ug/l #  | 1        |
| 51) 4-Methyl-2-Pentanone       | 8.65   | 43   | 1695     | 0.376     | ug/l #  | 58       |
| 54) cis-1,3-Dichloropropene    | 8.62   | 75   | 927      | 0.232     | ug/l #  | 54       |
| 56) Ethyl methacrylate         | 9.30   | 69   | 108      | 2.884     | ug/l #  | 1        |
| 59) 2-Hexanone                 | 9.50   | 43   | 1256     | 0.335     | ug/l    | 81       |
| 70) Styrene                    | 10.72  | 104  | 268      | 2.169     | ug/l #  | 87       |
| 74) N-amyl acetate             | 10.92  | 43   | 260      | 1.788     | ug/l #  | 25       |
| 76) 1,2,3-Trichloropropane     | 11.14  | 75   | 85147    | 20.950    | ug/l #  | 35       |
| 80) 1,3,5-Trimethylbenzene     | 11.51  | 105  | 967      | Below Cal |         | 92       |
| 81) trans-1,4-Dichloro-2-buten | 11.14  | 75   | 85147    | 56.854    | ug/l #  | 10       |
| 84) 1,2,4-Trimethylbenzene     | 11.81  | 105  | 1199     | Below Cal |         | 91       |
| 95) Naphthalene                | 13.83  | 128  | 17953    | 1.893     | ug/l    | 99       |

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Oct 03 04:00:03 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: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampled :

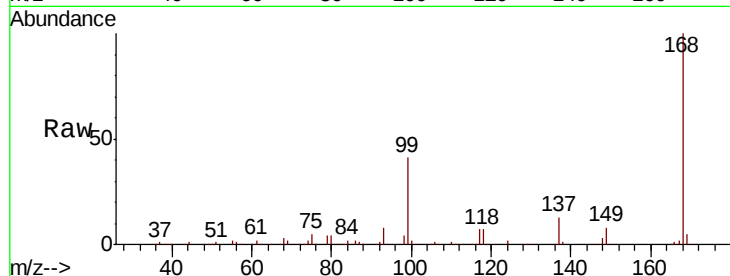
T1-GRAVEL

Tot Ion:168 Resp: 224746

Ion Ratio Lower Upper

168 100

99 41.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

60000

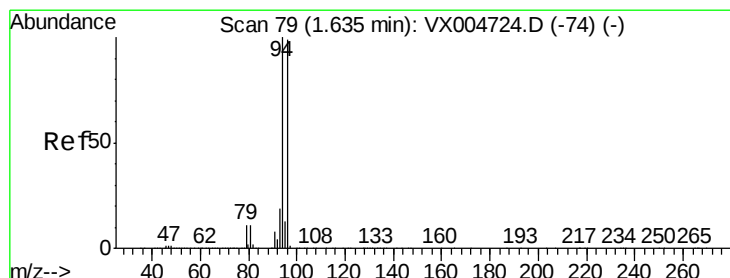
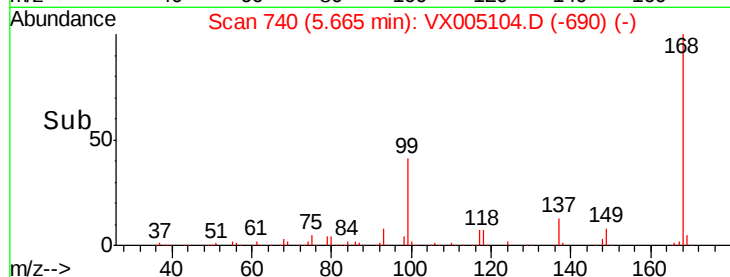
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.266 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005104.D

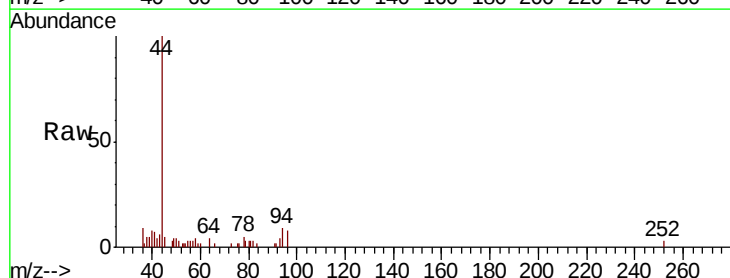
Acq: 06 Oct 2018 09:06

Tgt Ion: 94 Resp: 550

Ion Ratio Lower Upper

94 100

96 56.4 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

250

200

150

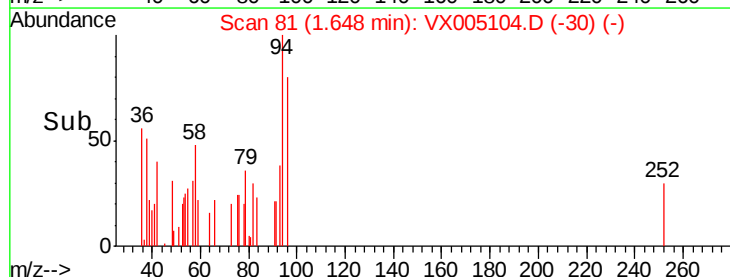
100

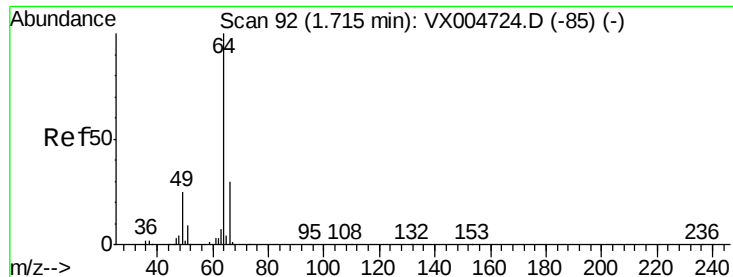
50

0

Time-->

1.60 1.65 1.70





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 89

Delta R.T. -0.02 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

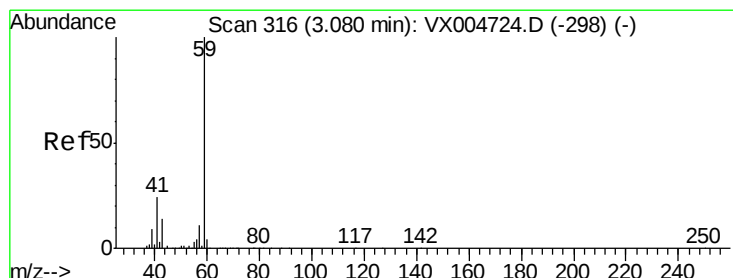
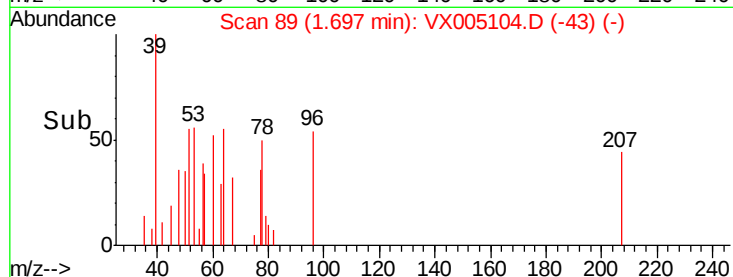
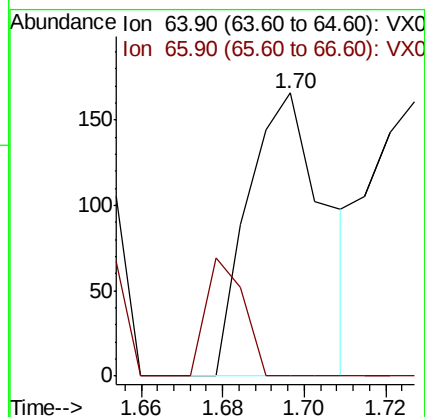
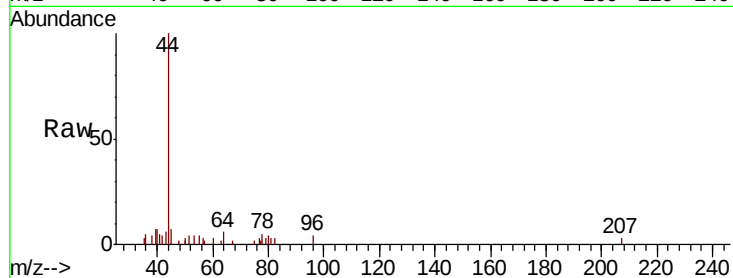
T1-GRAVEL

Tot Ion: 64 Resp: 219

Ion Ratio Lower Upper

64 100

66 0.0 23.8 35.6#



#11

Tert butyl alcohol

Concen: 3.227 ug/l

RT: 3.02 min Scan# 306

Delta R.T. -0.06 min

Lab File: VX005104.D

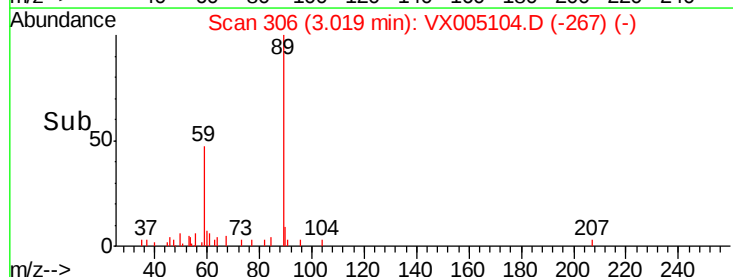
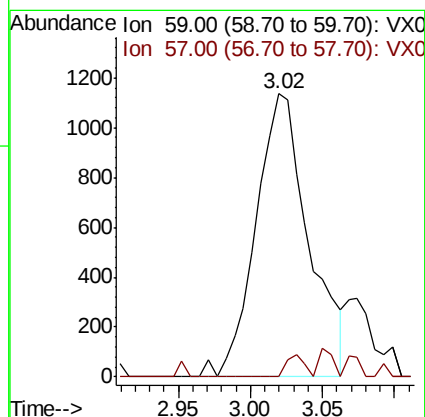
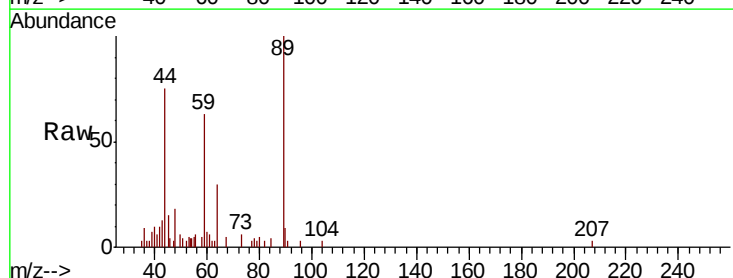
Acq: 06 Oct 2018 09:06

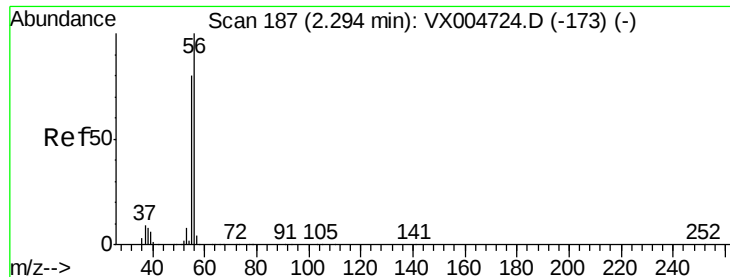
Tgt Ion: 59 Resp: 2897

Ion Ratio Lower Upper

59 100

57 2.7 8.6 12.8#





#13

Acrolein

Concen: 0.324 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

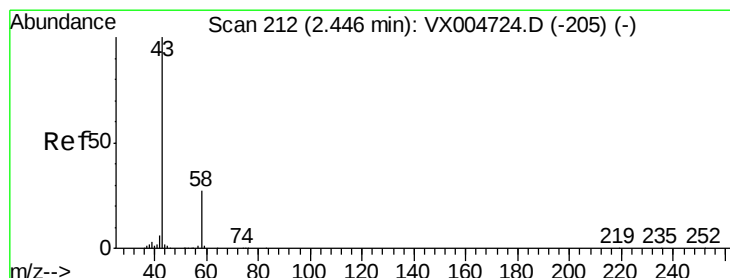
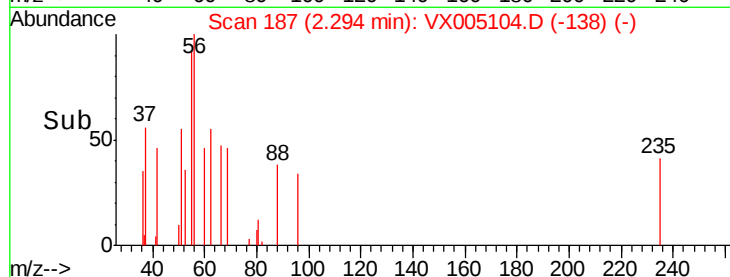
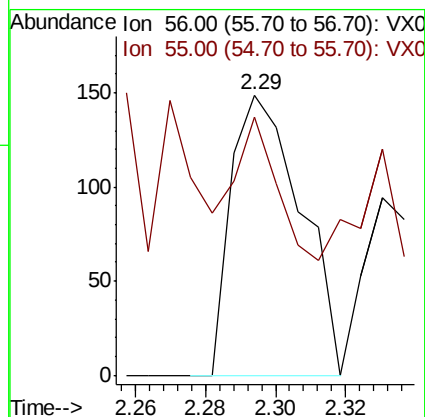
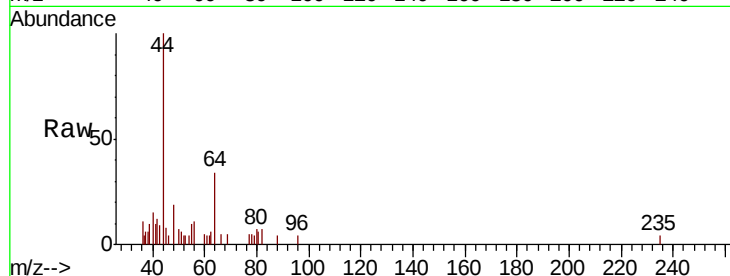
T1-GRAVEL

Tot Ion: 56 Resp: 207

Ion Ratio Lower Upper

56 100

55 29.5 63.4 95.2#



#16

Acetone

Concen: 22.238 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005104.D

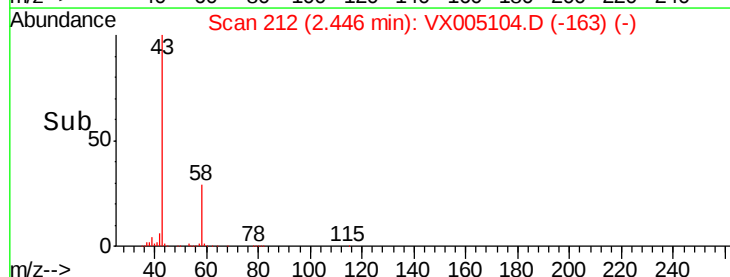
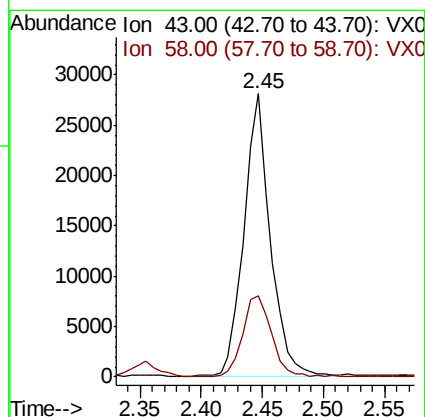
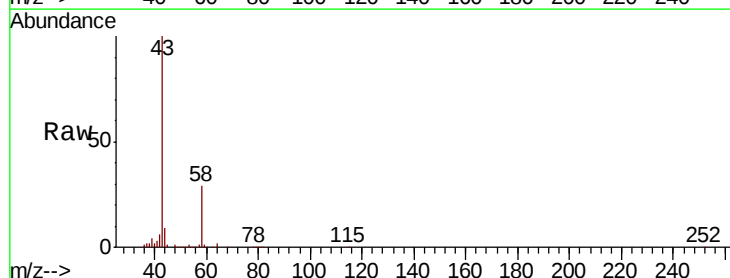
Acq: 06 Oct 2018 09:06

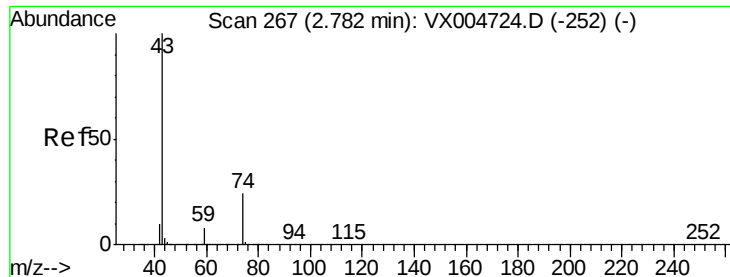
Tgt Ion: 43 Resp: 41682

Ion Ratio Lower Upper

43 100

58 28.7 21.8 32.6

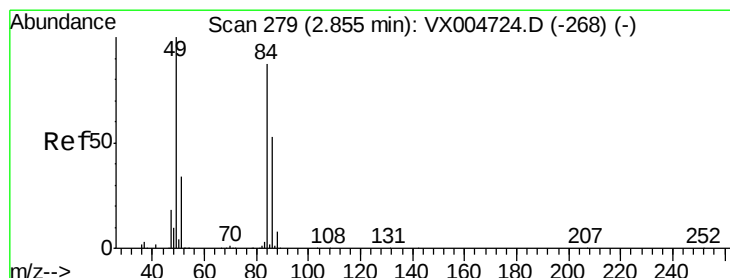
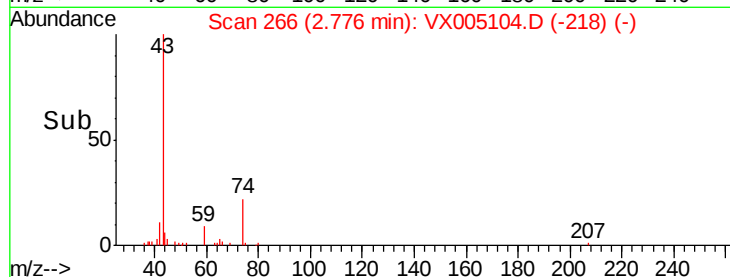
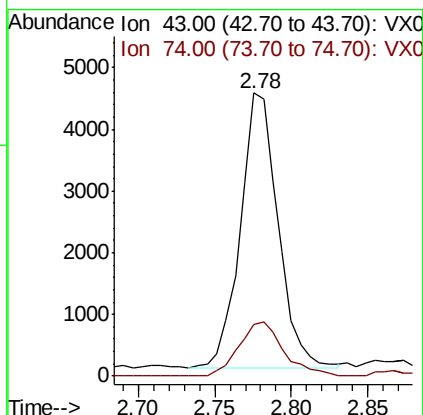
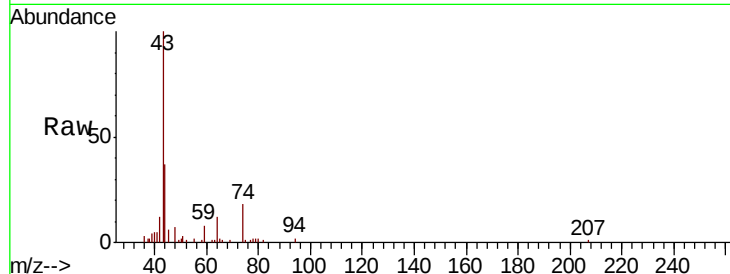




#18  
Methvl Acetate  
Concen: 1.606 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

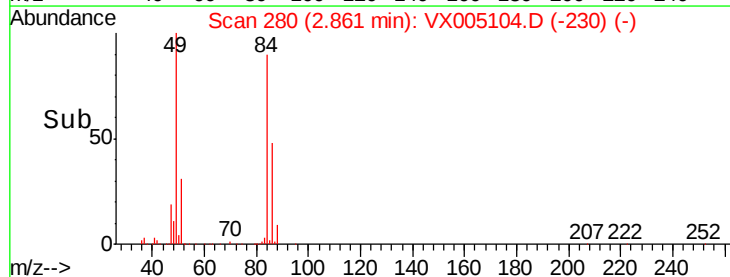
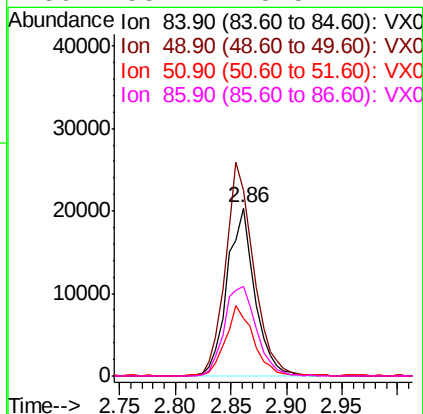
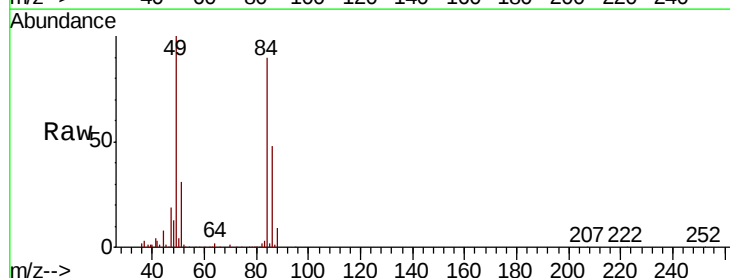
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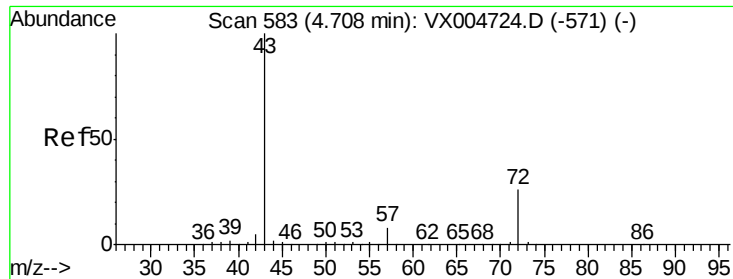
Tot Ion: 43 Resp: 7626  
Ion Ratio Lower Upper  
43 100  
74 23.1 17.8 26.8



#20  
Methylene Chloride  
Concen: 12.260 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Tgt Ion: 84 Resp: 35138  
Ion Ratio Lower Upper  
84 100  
49 110.4 92.3 138.5  
51 34.2 31.8 47.6  
86 53.4 48.5 72.7





#25

2-Butanone

Concen: 3.402 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

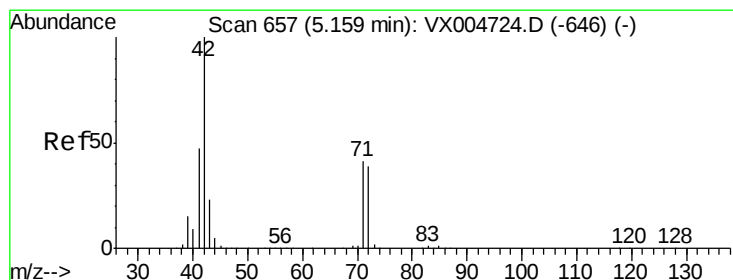
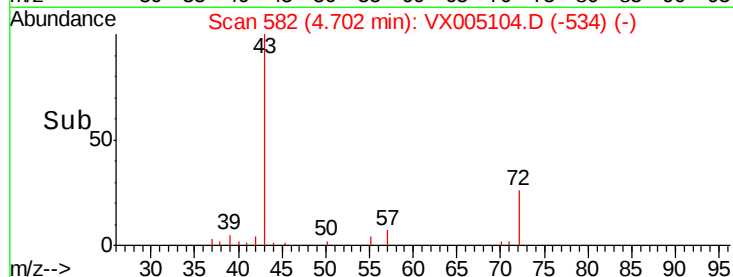
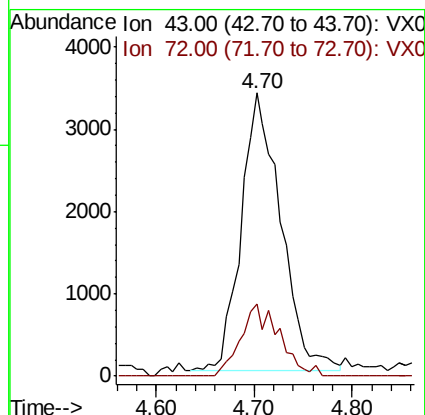
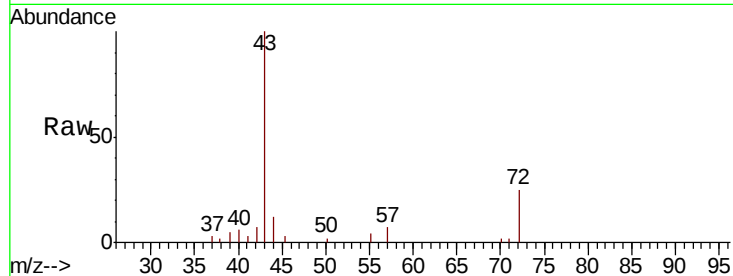
T1-GRAVEL

Tot Ion: 43 Resp: 9400

Ion Ratio Lower Upper

43 100

72 25.9 20.8 31.2



#29

Tetrahydrofuran

Concen: 1.544 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

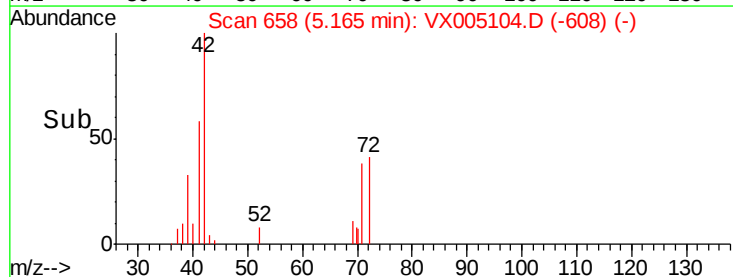
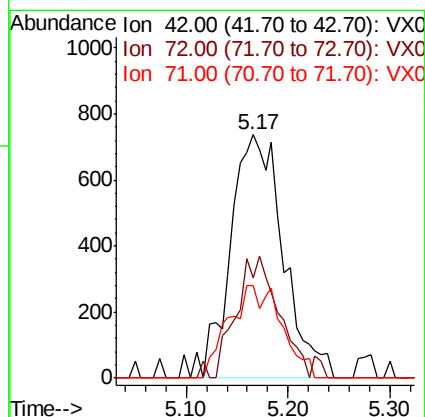
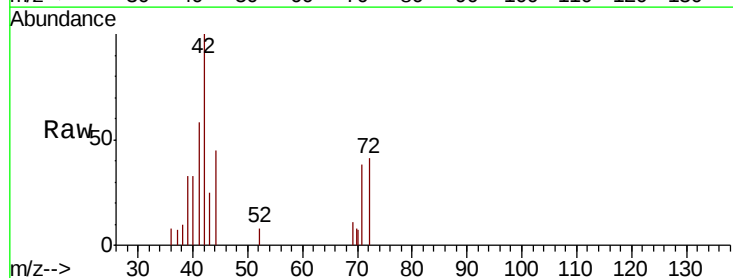
Tgt Ion: 42 Resp: 2652

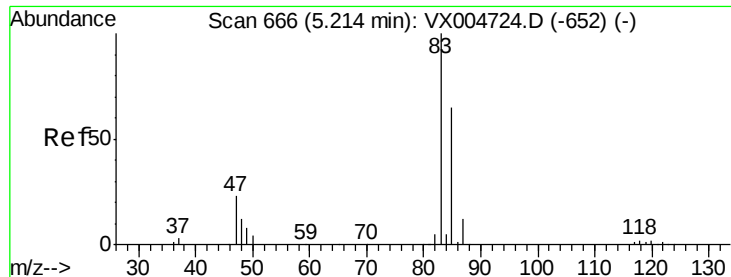
Ion Ratio Lower Upper

42 100

72 40.8 33.7 50.5

71 22.6 32.2 48.4#

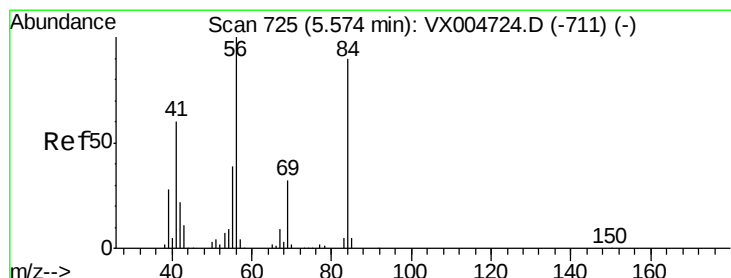
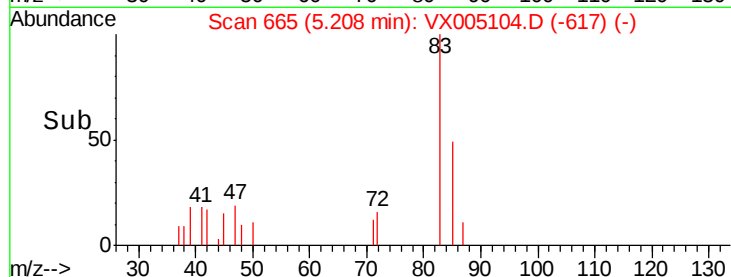
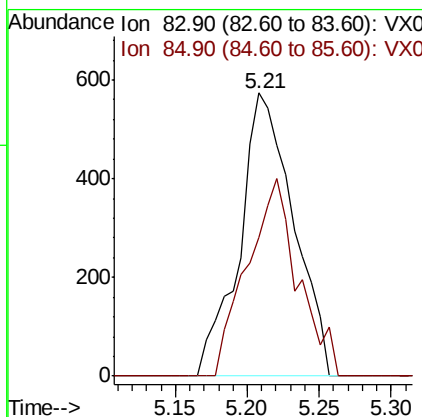
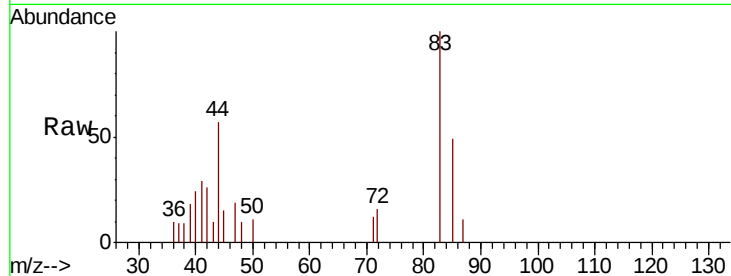




#30  
Chloroform  
Concen: 0.295 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

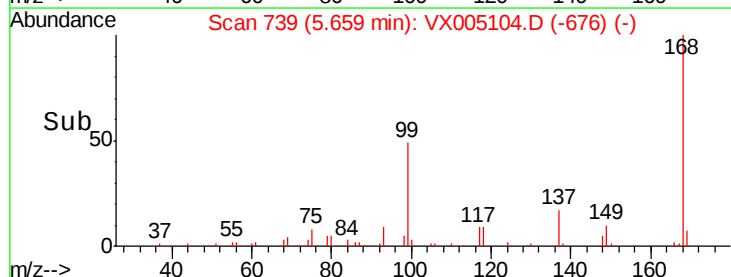
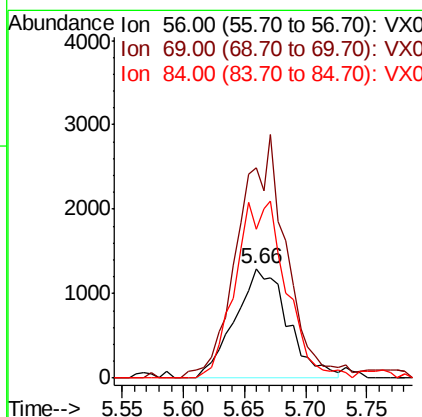
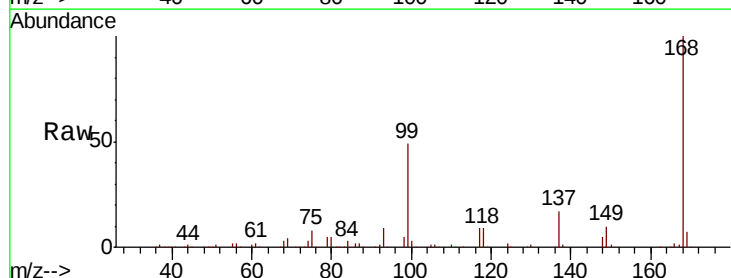
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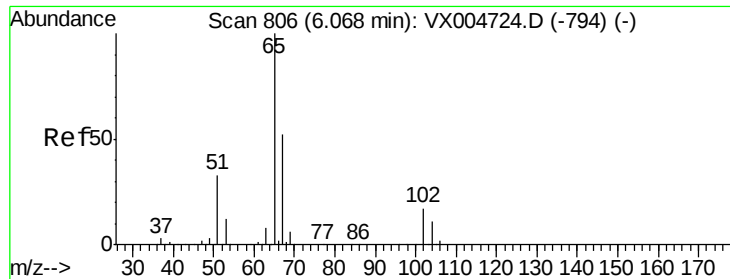
Tot Ion: 83 Resp: 1489  
Ion Ratio Lower Upper  
83 100  
85 49.0 52.4 78.6#



#31  
Cyclohexane  
Concen: 0.951 ug/l  
RT: 5.66 min Scan# 739  
Delta R.T. 0.09 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Tgt Ion: 56 Resp: 3884  
Ion Ratio Lower Upper  
56 100  
69 185.9 25.9 38.9#  
84 135.5 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 52.200 ug/l

RT: 6.07 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

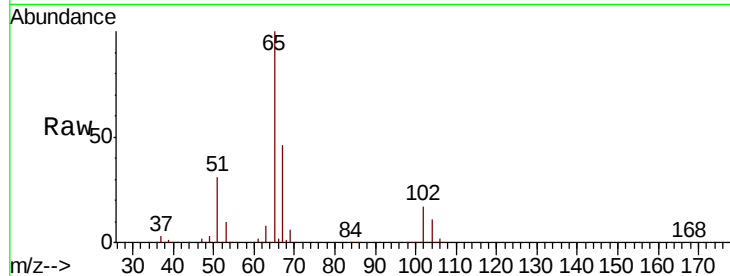
T1-GRAVEL

Tot Ion: 65 Resp: 167588

Ion Ratio Lower Upper

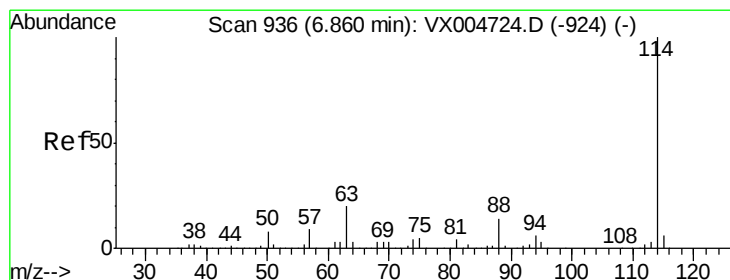
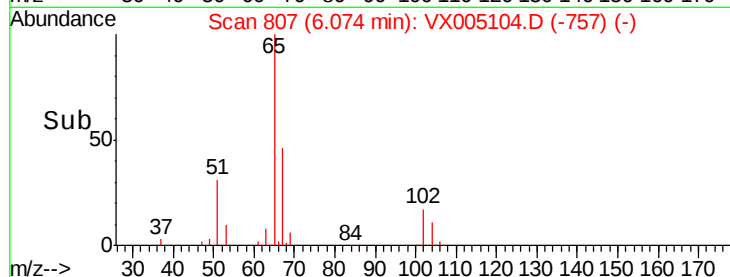
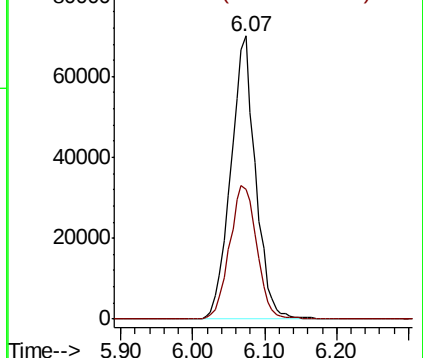
65 100

67 51.8 0.0 107.4



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: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

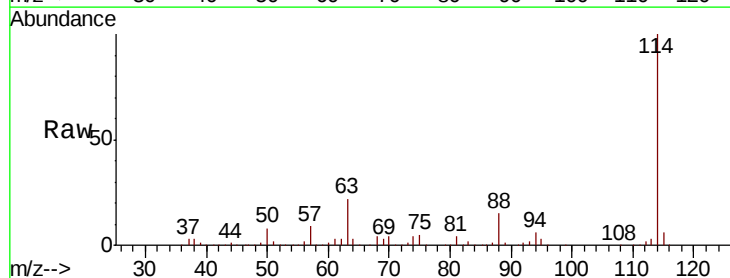
Tgt Ion: 114 Resp: 322877

Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.8

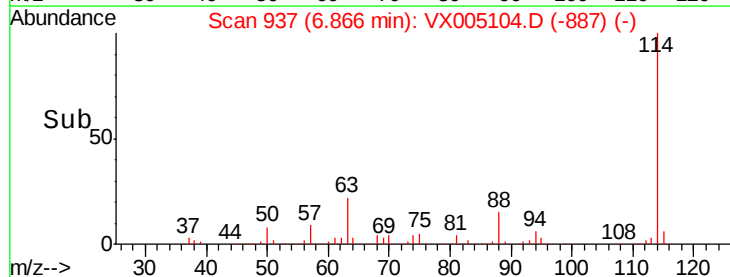
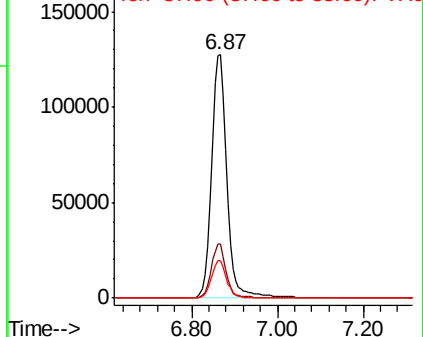
88 15.4 0.0 27.0

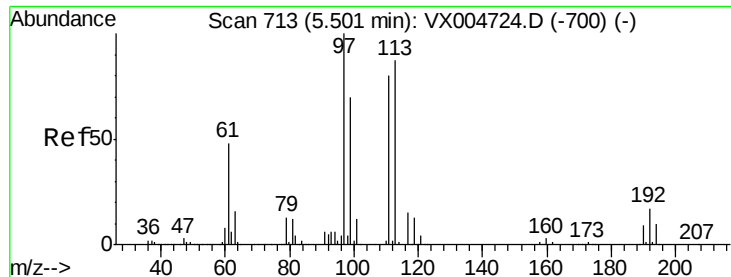


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

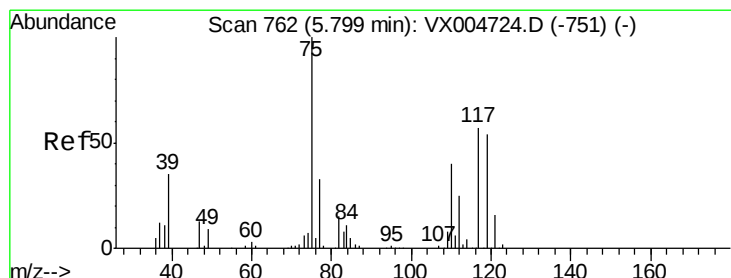
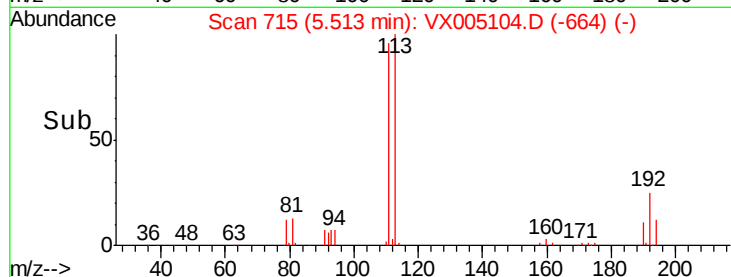
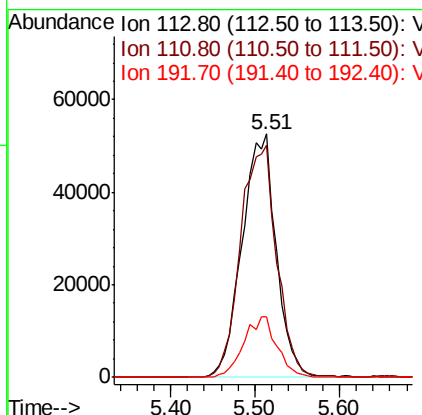
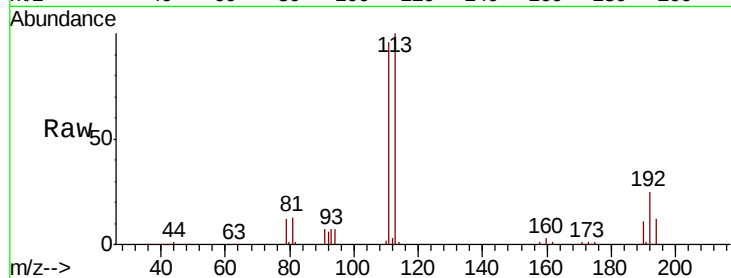




#35  
 Dibromofluoromethane  
 Concen: 52.630 ug/l  
 RT: 5.51 min Scan# 715  
 Delta R.T. 0.01 min  
 Lab File: VX005104.D  
 Acq: 06 Oct 2018 09:06

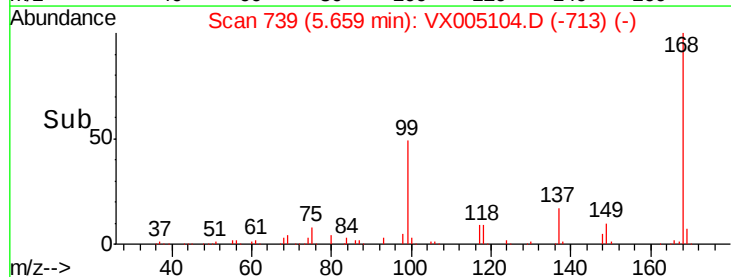
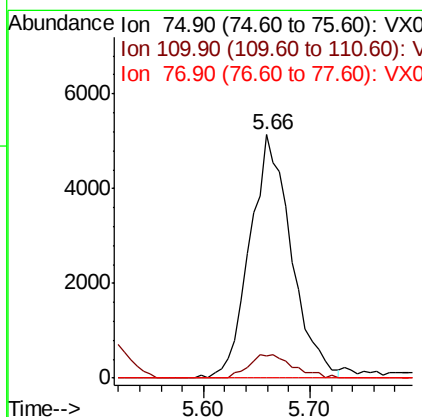
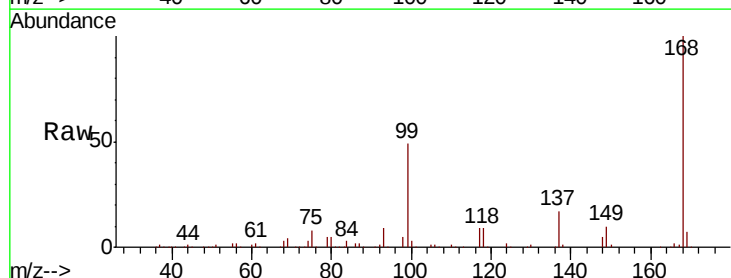
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T1-GRAVEL

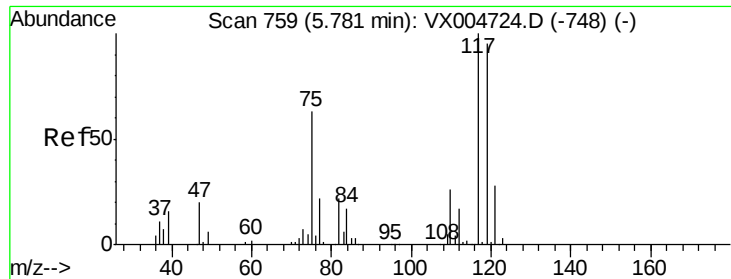
Tot Ion:113 Resp: 144017  
 Ion Ratio Lower Upper  
 113 100  
 111 100.9 77.0 115.4  
 192 24.4 17.0 25.6



#36  
 1,1-Dichloropropene  
 Concen: 3.750 ug/l  
 RT: 5.66 min Scan# 739  
 Delta R.T. -0.14 min  
 Lab File: VX005104.D  
 Acq: 06 Oct 2018 09:06

Tgt Ion: 75 Resp: 14001  
 Ion Ratio Lower Upper  
 75 100  
 110 10.2 20.0 59.9#  
 77 0.0 27.1 40.7#





#38

Carbon Tetrachloride

Concen: 4.971 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.11 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

T1-GRAVEL

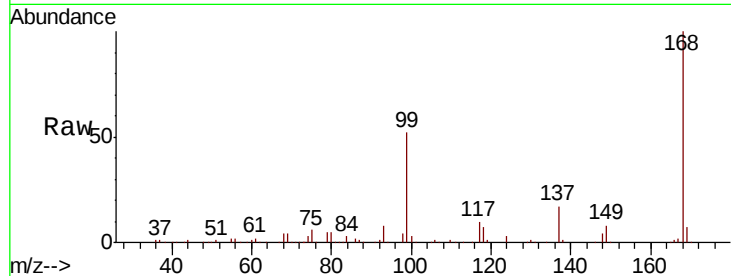
Tot Ion:117 Resp: 19509

Ion Ratio Lower Upper

117 100

119 5.7 75.2 112.8#

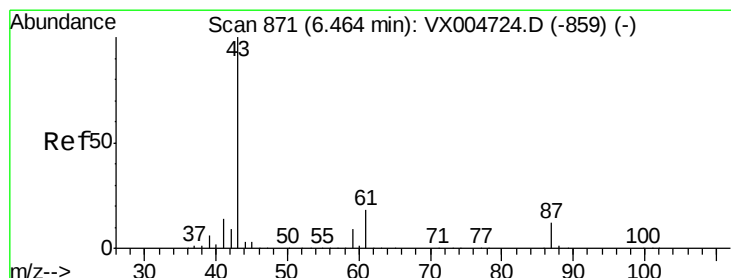
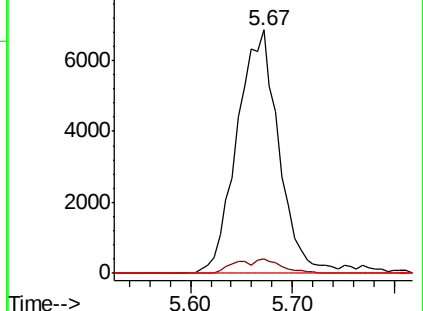
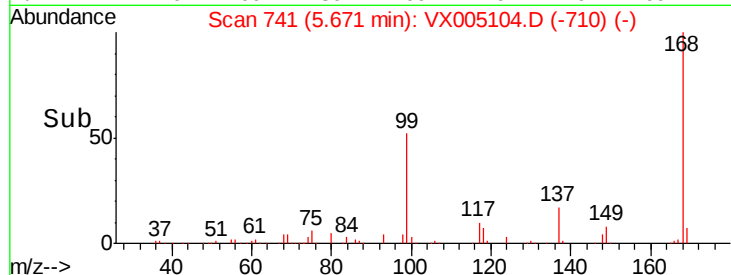
121 0.0 22.5 33.7#



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



#43

Isopropyl Acetate

Concen: 23.422 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

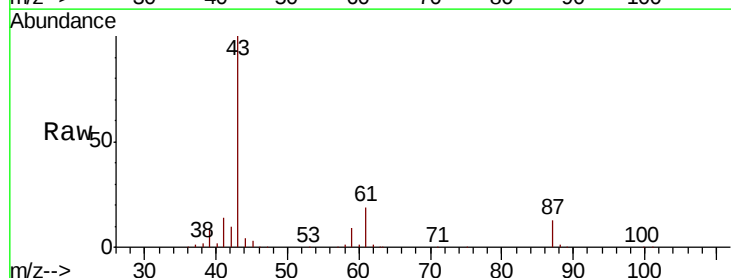
Tgt Ion: 43 Resp: 167539

Ion Ratio Lower Upper

43 100

61 19.9 14.2 21.4

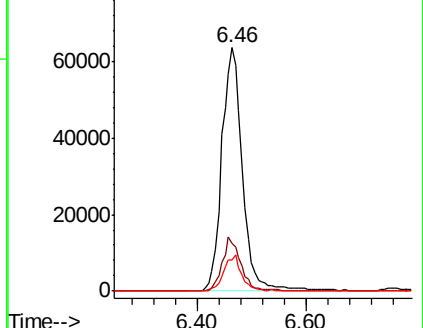
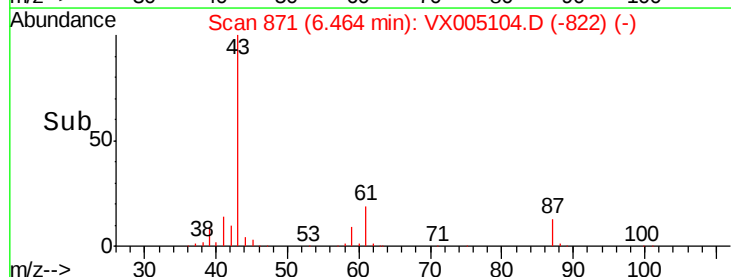
87 12.6 9.3 13.9

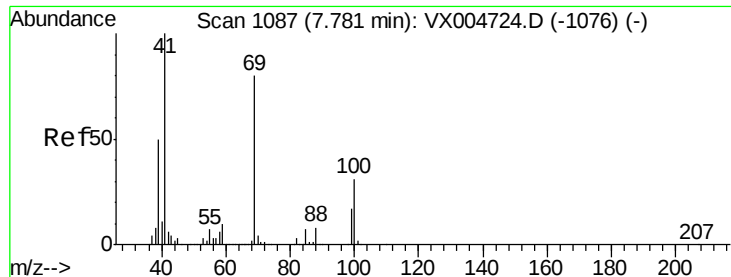


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

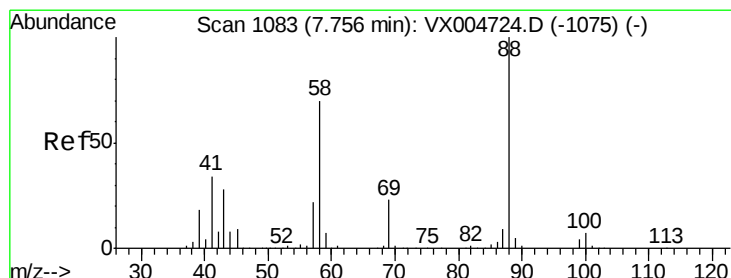
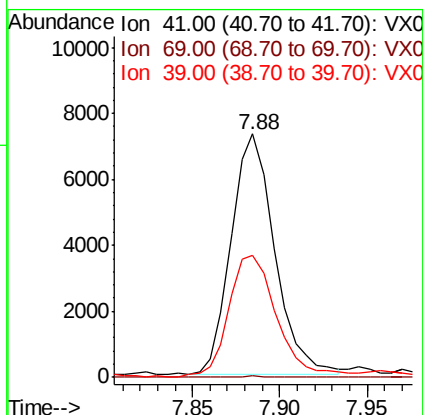
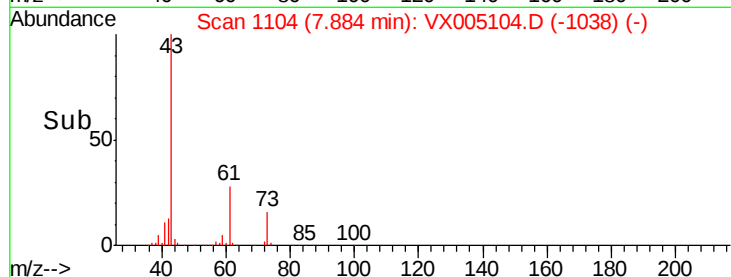
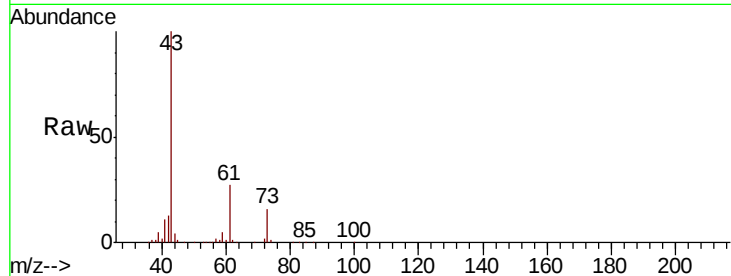




#48  
Methyl methacrylate  
Concen: 3.911 ug/l  
RT: 7.88 min Scan# 1104  
Delta R.T. 0.10 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

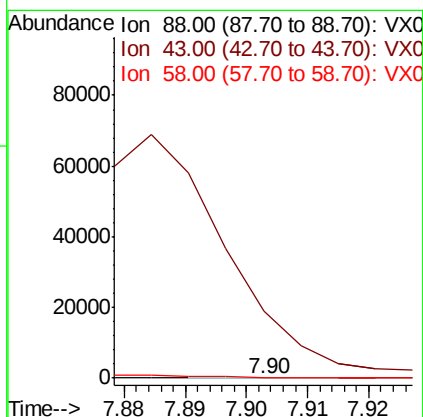
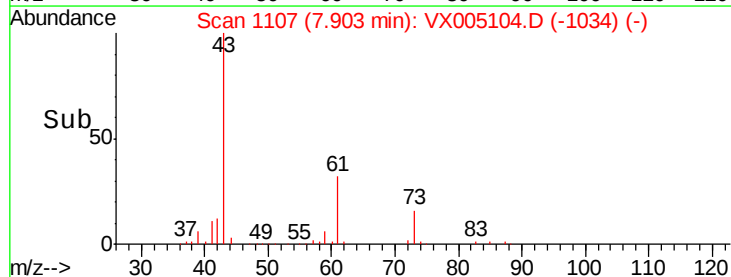
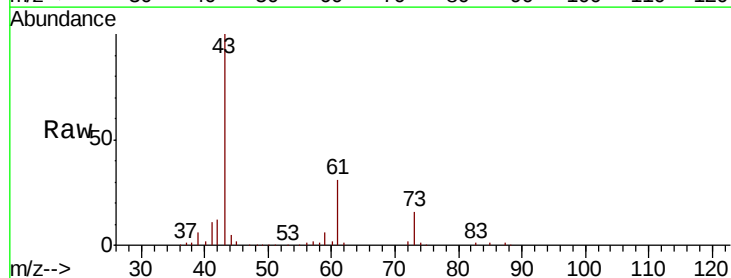
Instrument :  
MSVOA\_X  
ClientSampled :  
T1-GRAVEL

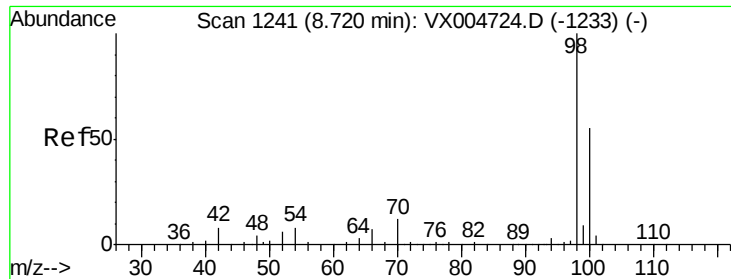
Tot Ion: 41 Resp: 12698  
Ion Ratio Lower Upper  
41 100  
69 0.1 63.8 95.6#  
39 55.8 40.7 61.1



#49  
1,4-Dioxane  
Concen: 0.248 ug/l  
RT: 7.90 min Scan# 1107  
Delta R.T. 0.15 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Tgt Ion: 88 Resp: 20  
Ion Ratio Lower Upper  
88 100  
43 611970.0 25.1 37.7#  
58 6485.0 56.2 84.2#





#50

Toluene-d8

Concen: 51.665 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

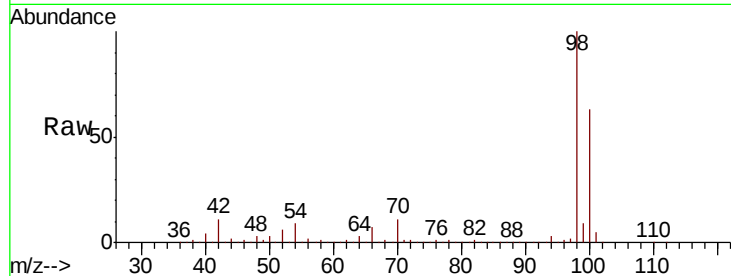
T1-GRAVEL

Tot Ion: 98 Resp: 470009

Ion Ratio Lower Upper

98 100

100 63.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

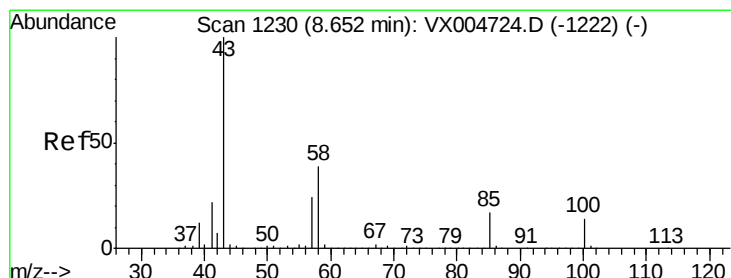
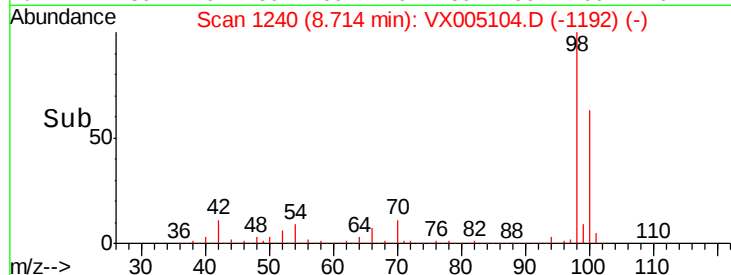
300000

200000

100000

0

Time-->



#51

4-Methyl-2-Pentanone

Concen: 0.376 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005104.D

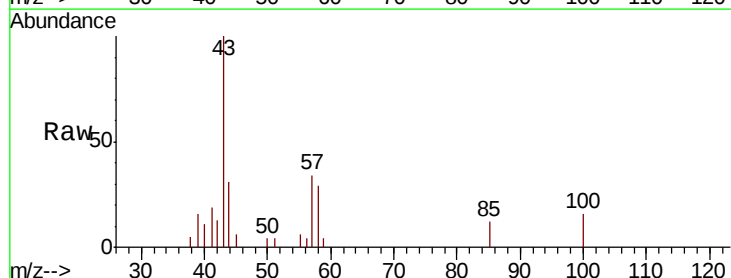
Acq: 06 Oct 2018 09:06

Tgt Ion: 43 Resp: 1695

Ion Ratio Lower Upper

43 100

58 63.2 30.5 45.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

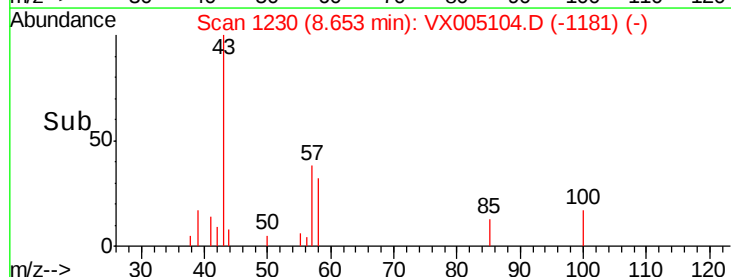
1500

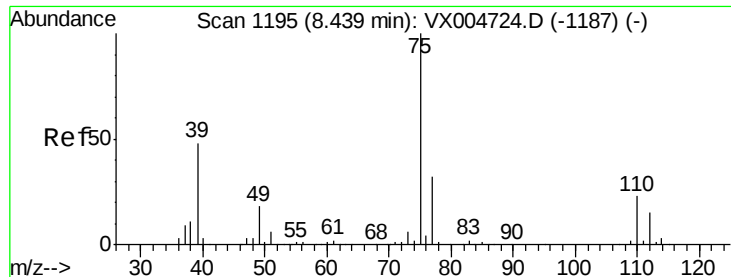
1000

500

0

Time-->



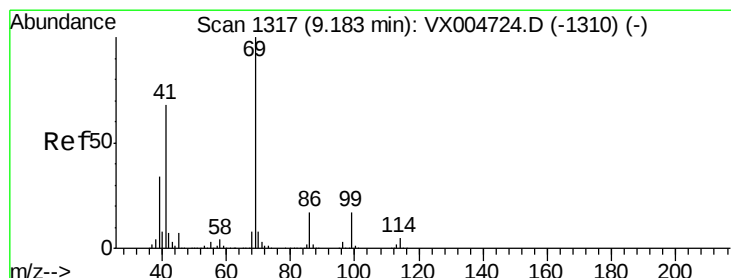
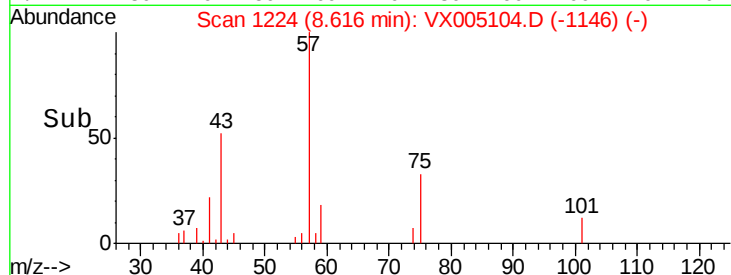
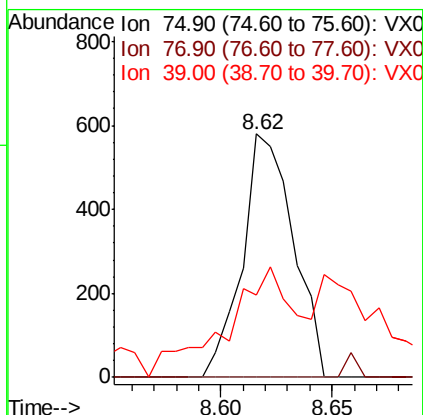
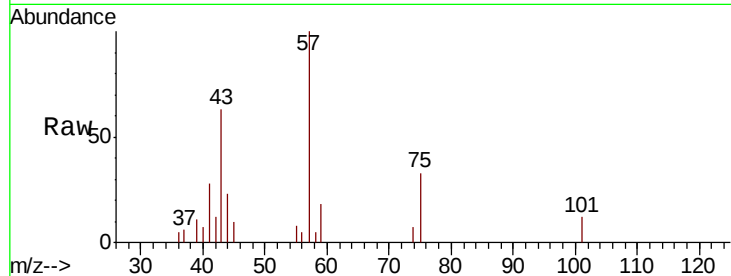


#54

cis-1,3-Dichloropropene  
 Concen: 0.232 ug/l  
 RT: 8.62 min Scan# 1224  
 Delta R.T. 0.18 min  
 Lab File: VX005104.D  
 Acq: 06 Oct 2018 09:06

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 T1-GRAVEL

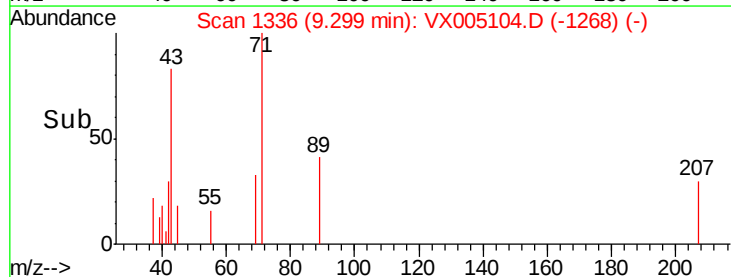
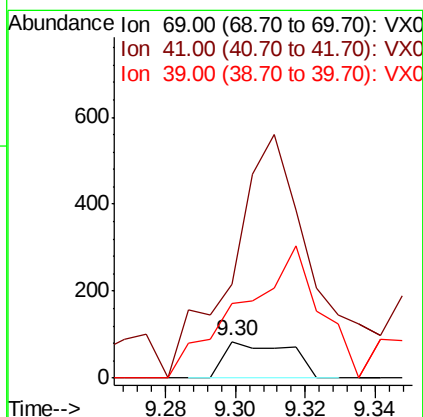
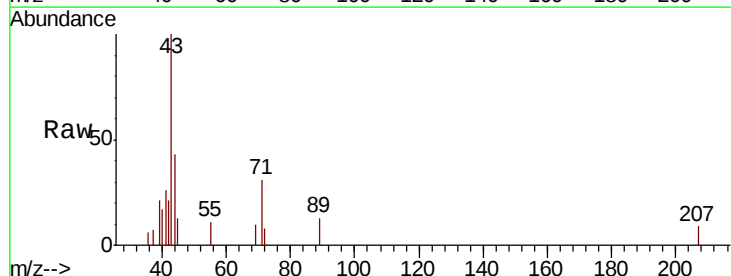
Tot Ion: 75 Resp: 927  
 Ion Ratio Lower Upper  
 75 100  
 77 0.0 25.7 38.5#  
 39 21.6 38.3 57.5#

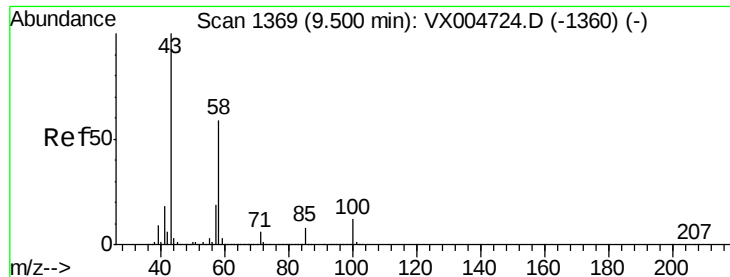


#56

Ethyl methacrylate  
 Concen: 2.884 ug/l  
 RT: 9.30 min Scan# 1336  
 Delta R.T. 0.12 min  
 Lab File: VX005104.D  
 Acq: 06 Oct 2018 09:06

Tgt Ion: 69 Resp: 108  
 Ion Ratio Lower Upper  
 69 100  
 41 849.1 56.9 85.3#  
 39 442.6 28.4 42.6#

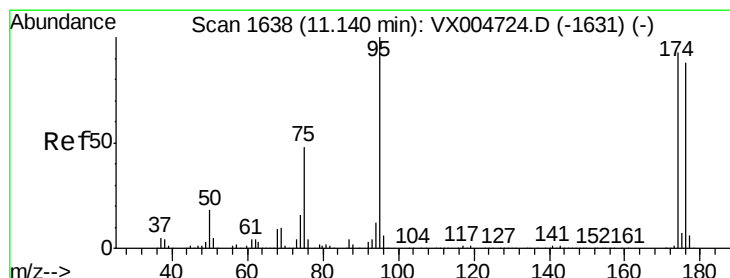
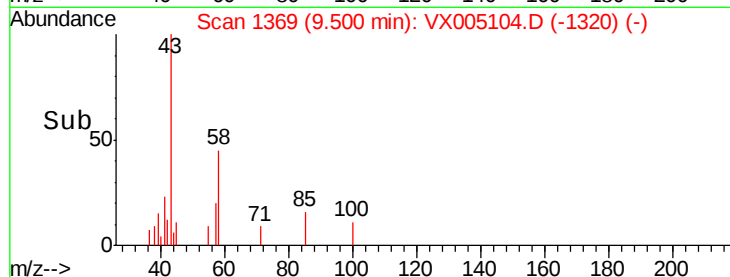
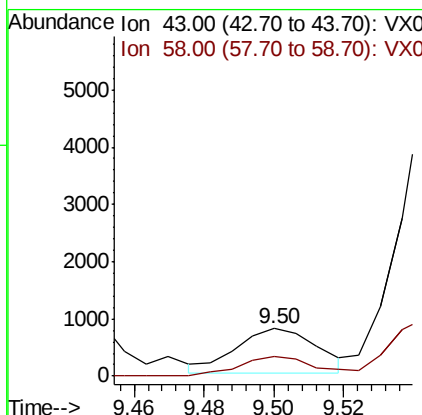
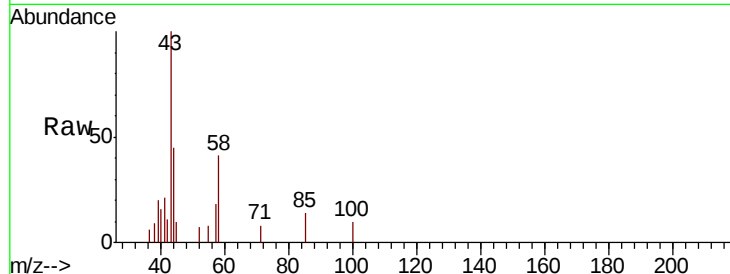




#59  
2-Hexanone  
Concen: 0.335 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

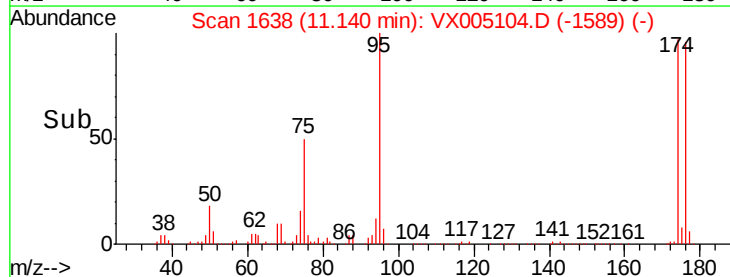
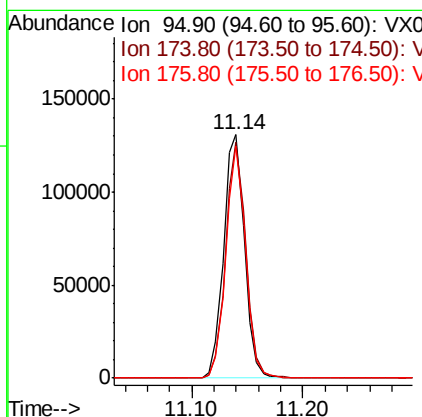
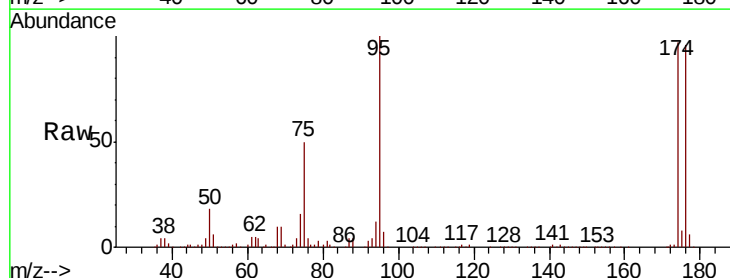
Instrument :  
MSVOA\_X  
ClientSampled :  
T1-GRAVEL

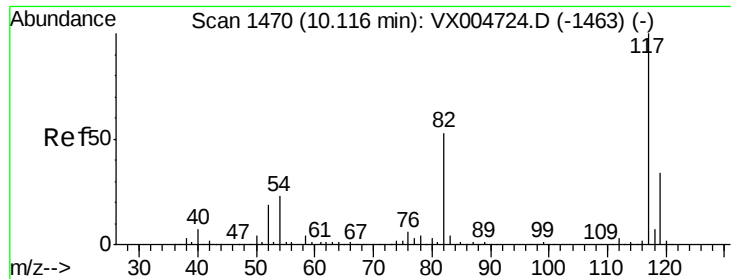
Tot Ion: 43 Resp: 1256  
Ion Ratio Lower Upper  
43 100  
58 43.2 28.4 85.3



#62  
4-Bromofluorobenzene  
Concen: 51.738 ug/l  
RT: 11.14 min Scan# 1638  
Delta R.T. 0.00 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Tgt Ion: 95 Resp: 169562  
Ion Ratio Lower Upper  
95 100  
174 93.8 0.0 185.0  
176 90.0 0.0 180.2

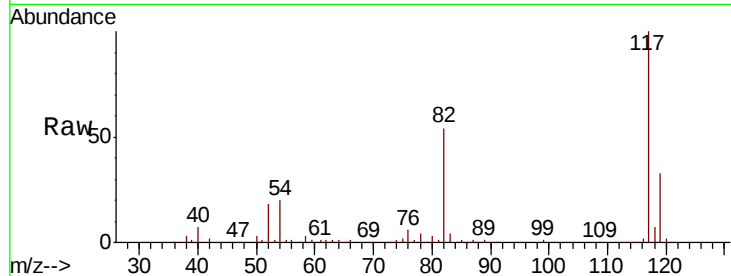




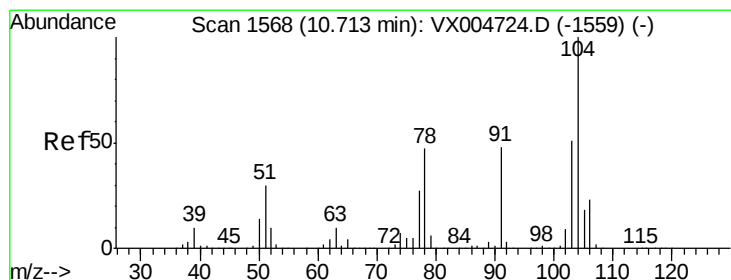
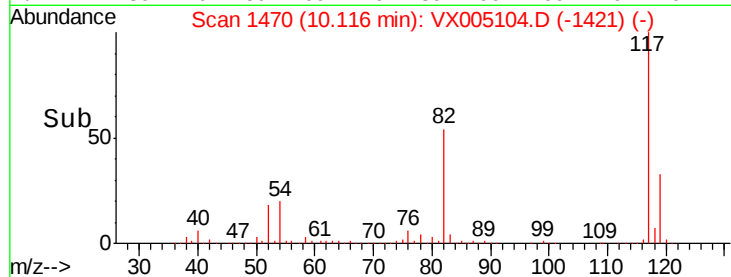
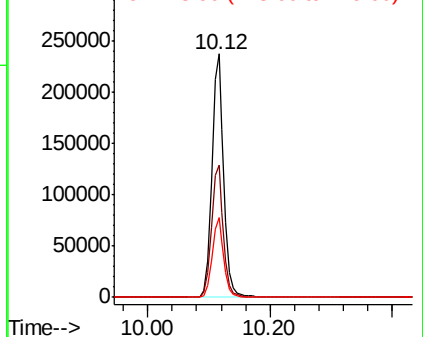
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Instrument :  
MSVOA\_X  
ClientSampled :  
T1-GRAVEL

Tot Ion:117 Resp: 325387  
Ion Ratio Lower Upper  
117 100  
82 54.1 42.2 63.4  
119 32.6 27.4 41.0

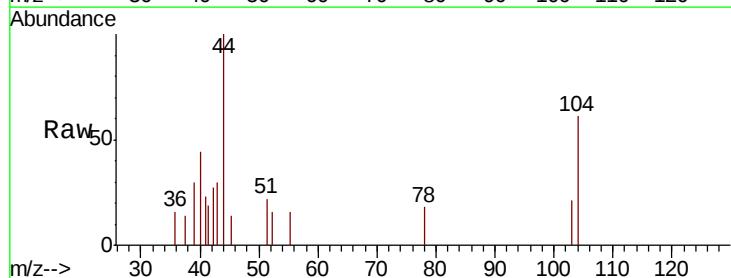


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

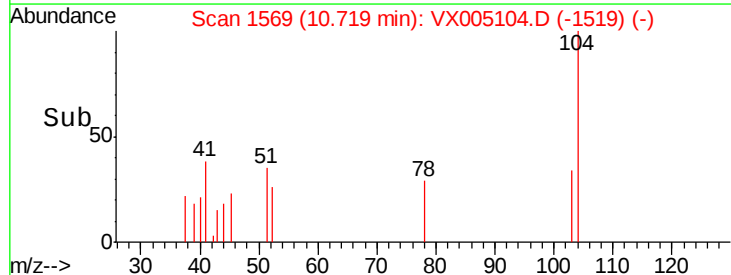
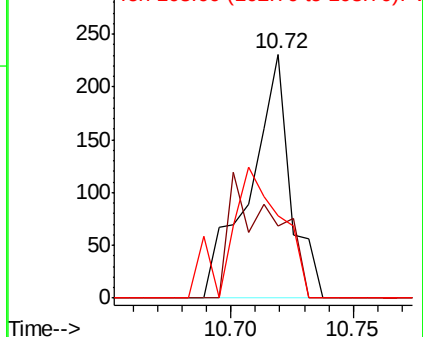


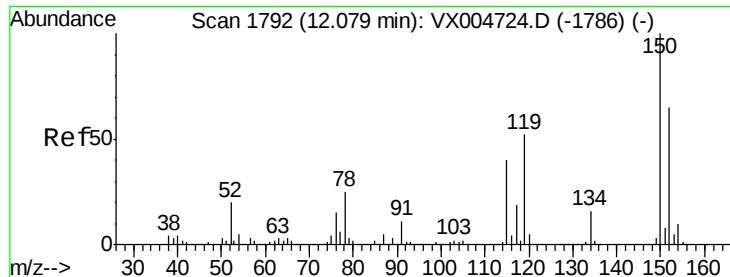
#70  
Styrene  
Concen: 2.169 ug/l  
RT: 10.72 min Scan# 1569  
Delta R.T. 0.01 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Tgt Ion:104 Resp: 268  
Ion Ratio Lower Upper  
104 100  
78 56.3 40.0 60.0  
103 67.2 44.3 66.5#



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V



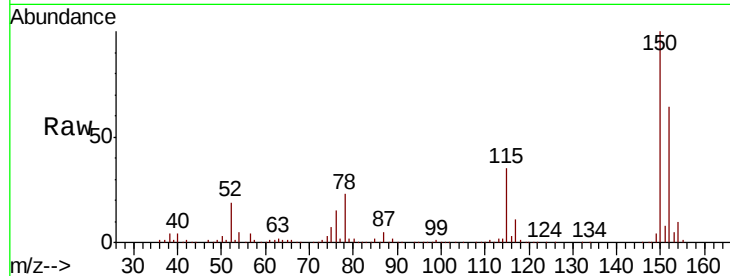


#72

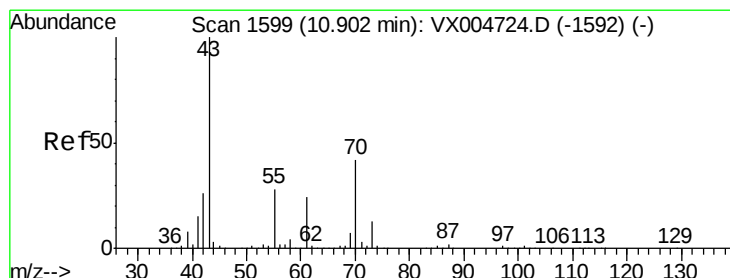
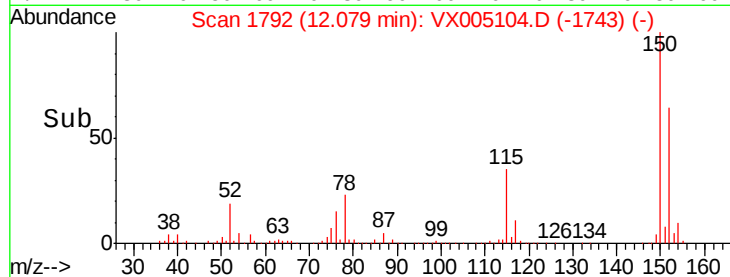
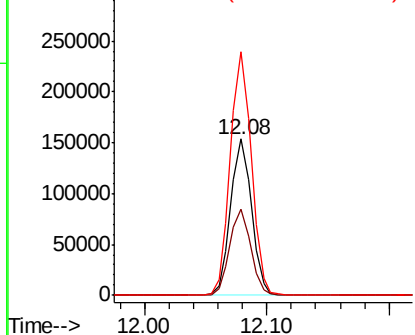
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Instrument :  
MSVOA\_X  
ClientSampleId :  
T1-GRAVEL

Tot Ion:152 Resp: 181334  
Ion Ratio Lower Upper  
152 100  
115 55.5 40.2 120.6  
150 156.5 0.0 351.0



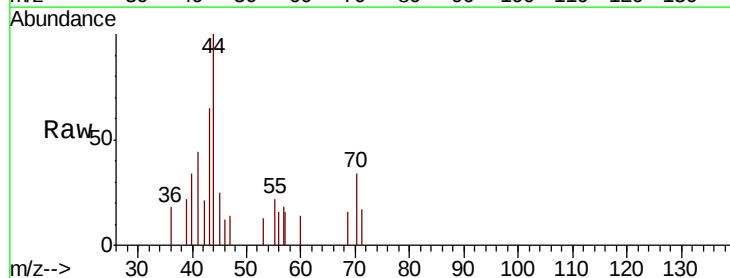
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



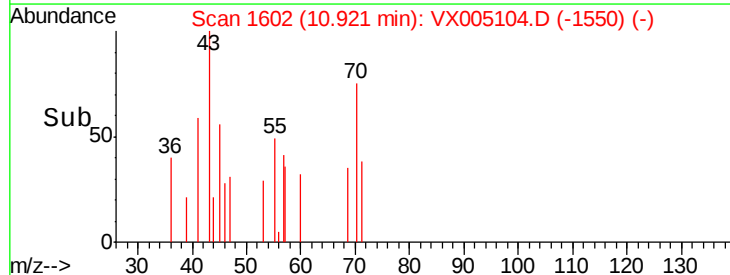
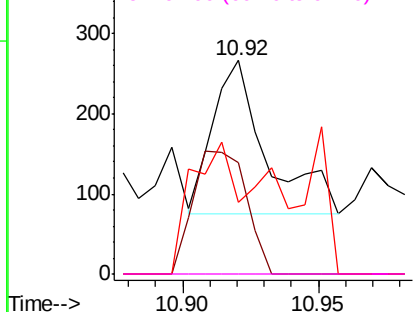
#74

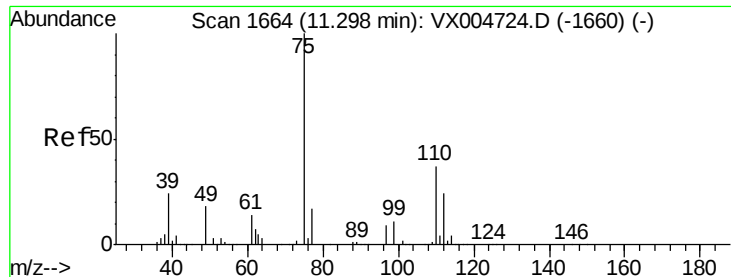
N-ethyl acetate  
Concen: 1.788 ug/l  
RT: 10.92 min Scan# 1602  
Delta R.T. 0.02 min  
Lab File: VX005104.D  
Acq: 06 Oct 2018 09:06

Tgt Ion: 43 Resp: 260  
Ion Ratio Lower Upper  
43 100  
70 80.0 32.6 48.8#  
55 86.9 21.6 32.4#  
61 0.0 19.1 28.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 70.00 (69.70 to 70.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 20.950 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

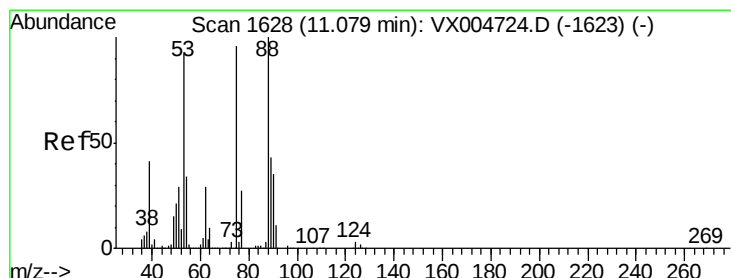
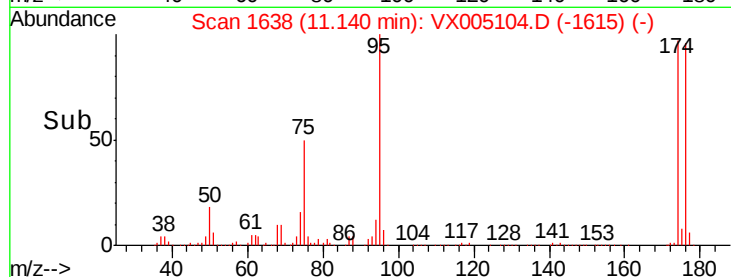
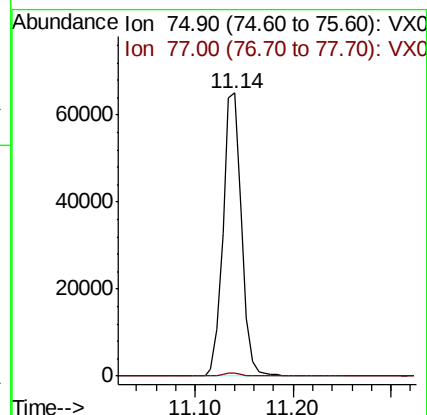
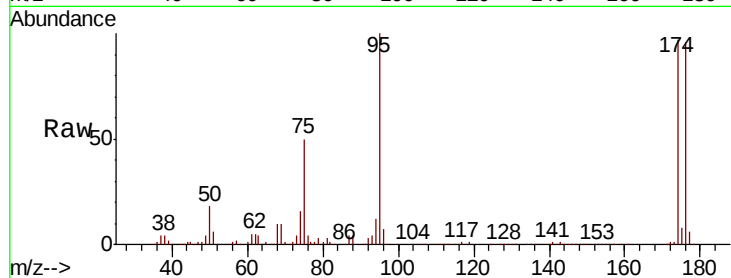
T1-GRAVEL

Tot Ion: 75 Resp: 85147

Ion Ratio Lower Upper

75 100

77 1.2 21.4 64.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 56.854 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

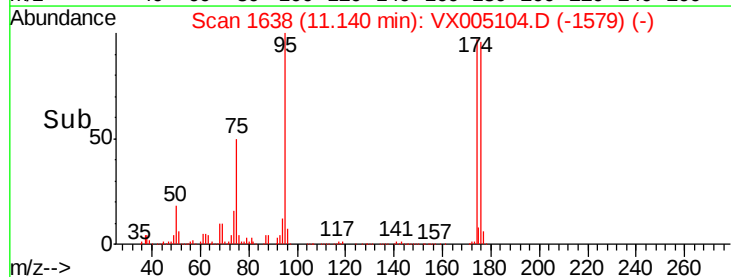
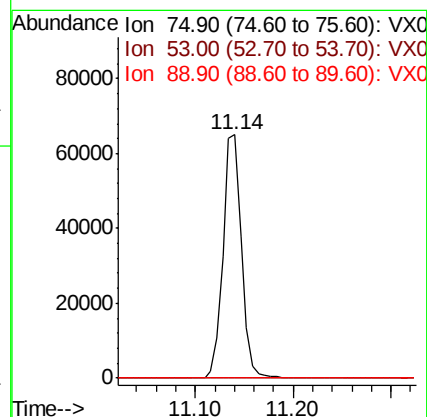
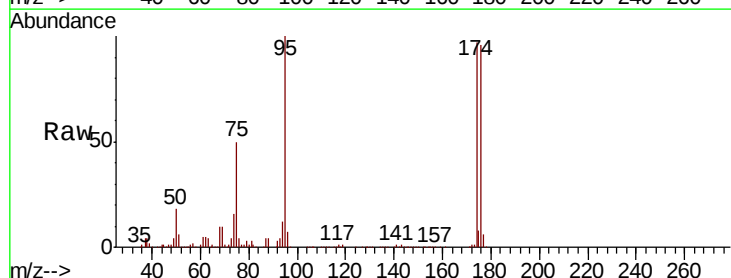
Tgt Ion: 75 Resp: 85147

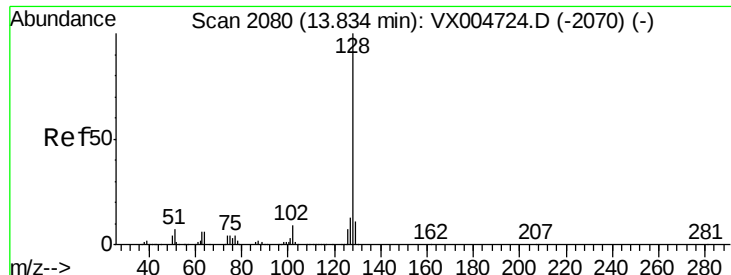
Ion Ratio Lower Upper

75 100

53 0.3 80.2 120.4#

89 0.0 37.1 55.7#





#95

Naphthalene

Concen: 1.893 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005104.D

Acq: 06 Oct 2018 09:06

Instrument :

MSVOA\_X

ClientSampleId :

T1-GRAVEL

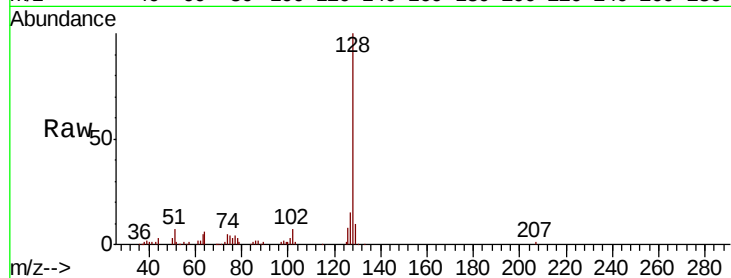
Tot Ion:128 Resp: 17953

Ion Ratio Lower Upper

128 100

127 13.4 10.4 15.6

129 10.7 8.7 13.1



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

