

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071618\  
 Data File : VX003410.D  
 Acq On : 17 Jul 2018 00:35  
 Operator : JC/MD  
 Sample : PB111123ZHE#18  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB111123ZHE#18

Quant Time: Jul 17 02:01:28 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071618W.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Jul 16 13:15:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 268501   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 395479   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 365826   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 211338   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.08   | 65  | 167647   | 47.68 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.36%  |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 153380   | 47.93 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 95.86%  |      |
| 50) Toluene-d8              | 8.72   | 98  | 603620   | 51.12 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.24% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 205145   | 48.66 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 97.32%  |      |

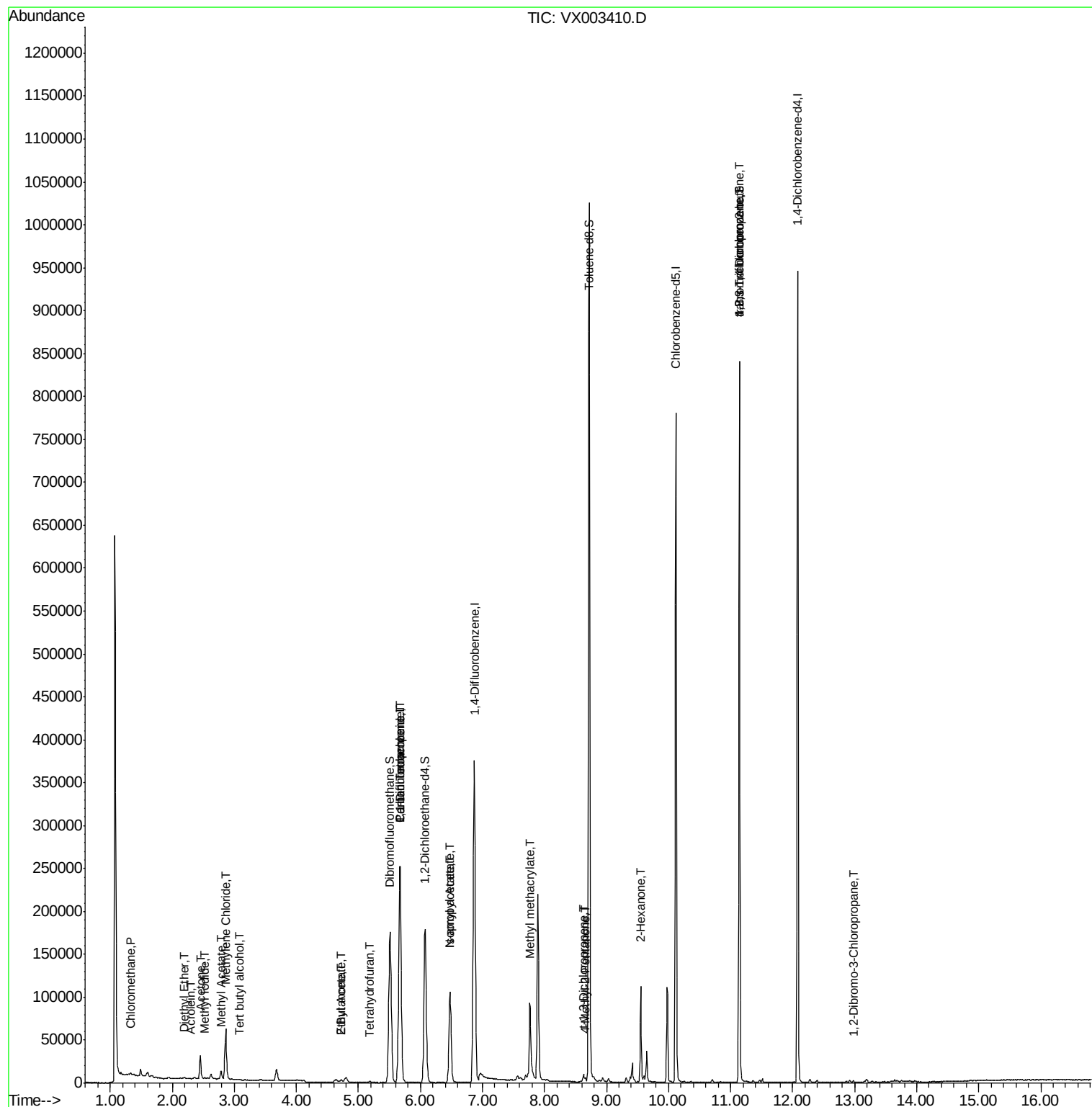
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units | Qvalue |
|--------------------------------|-------|------|----------|-----------|-------|--------|
| 3) Chloromethane               | 1.32  | 50   | 965      | 0.29      | ug/l  | 96     |
| 5) Bromomethane                | 1.65  | 94   | 957      | Below Cal |       | 98     |
| 6) Chloroethane                | 1.75  | 64   | 92       | Below Cal | #     | 43     |
| 8) Diethyl Ether               | 2.19  | 74   | 477      | 0.24      | ug/l  | 49     |
| 10) Methyl Iodide              | 2.52  | 142  | 1450     | 0.45      | ug/l  | 92     |
| 11) Tert butyl alcohol         | 3.08  | 59   | 851      | 1.08      | ug/l  | # 72   |
| 13) Acrolein                   | 2.29  | 56   | 244      | 0.64      | ug/l  | 96     |
| 16) Acetone                    | 2.45  | 43   | 29455    | 20.14     | ug/l  | 93     |
| 18) Methyl Acetate             | 2.78  | 43   | 11793    | 2.48      | ug/l  | 93     |
| 20) Methylene Chloride         | 2.86  | 84   | 28403    | 7.95      | ug/l  | 92     |
| 25) 2-Butanone                 | 4.72  | 43   | 4530     | 1.98      | ug/l  | 91     |
| 29) Tetrahydrofuran            | 5.18  | 42   | 1242     | 0.86      | ug/l  | # 81   |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 17004    | 4.25      | ug/l  | # 50   |
| 37) Ethyl Acetate              | 4.72  | 43   | 4530     | 1.00      | ug/l  | # 70   |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 23590    | 5.79      | ug/l  | # 17   |
| 43) Isopropyl Acetate          | 6.48  | 43   | 132842   | 19.50     | ug/l  | 94     |
| 48) Methyl methacrylate        | 7.76  | 41   | 2820     | 0.81      | ug/l  | # 16   |
| 51) 4-Methyl-2-Pentanone       | 8.66  | 43   | 1928     | 0.43      | ug/l  | # 48   |
| 53) t-1,3-Dichloropropene      | 8.63  | 75   | 1625     | 0.36      | ug/l  | # 43   |
| 59) 2-Hexanone                 | 9.55  | 43   | 11891    | 3.45      | ug/l  | 67     |
| 74) N-amyl acetate             | 6.48  | 43   | 132842   | 20.41     | ug/l  | # 94   |
| 76) 1,2,3-Trichloropropane     | 11.14 | 75   | 94619    | 24.73     | ug/l  | # 33   |
| 81) trans-1,4-Dichloro-2-buten | 11.14 | 75   | 94619    | 80.34     | ug/l  | # 7    |
| 92) 1,2-Dibromo-3-Chloropropan | 12.98 | 75   | 294      | 0.32      | ug/l  | # 1    |

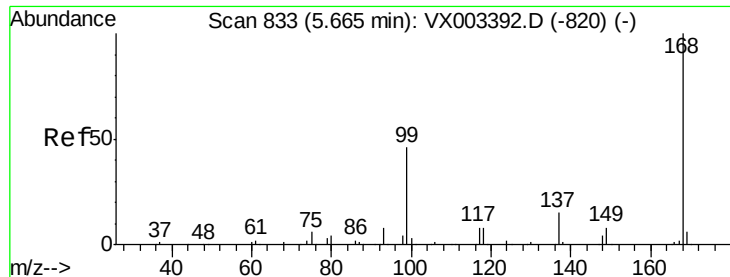
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071618\  
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Quant Time: Jul 17 02:01:28 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X071618W.M  
Quant Title : SW846 8260  
QLast Update : Mon Jul 16 13:15:28 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.01 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

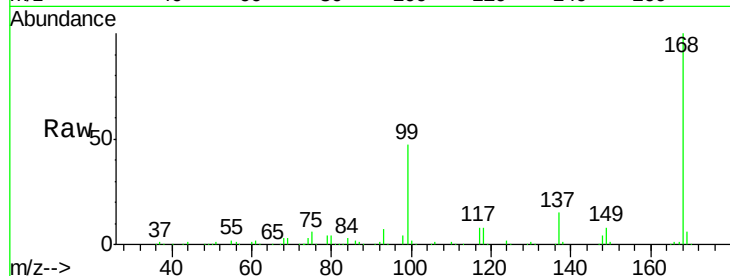
PB111123ZHE#18

Tot Ion:168 Resp: 268501

Ion Ratio Lower Upper

168 100

99 46.9 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

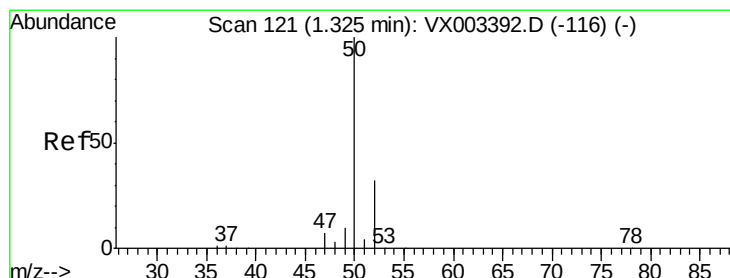
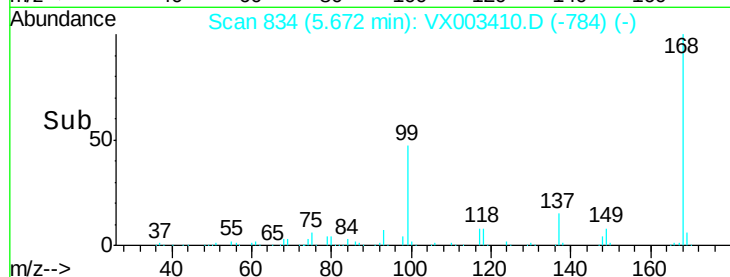
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX003410.D

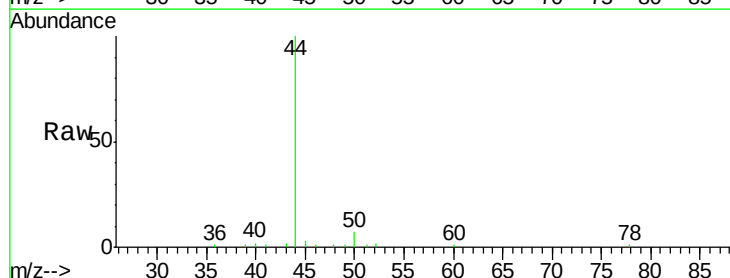
Acq: 17 Jul 2018 00:35

Tgt Ion: 50 Resp: 965

Ion Ratio Lower Upper

50 100

52 34.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

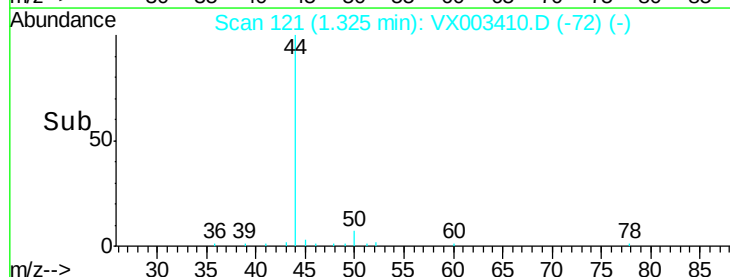
600

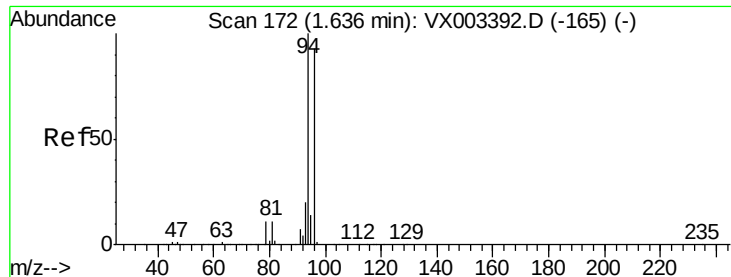
400

200

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

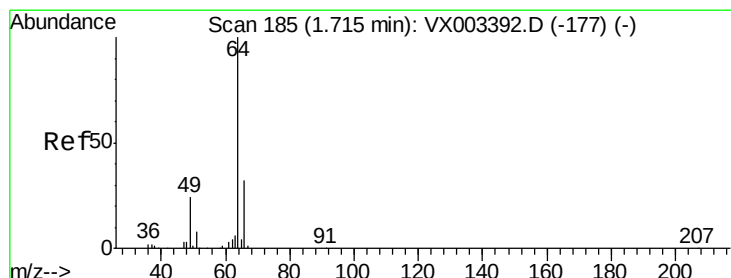
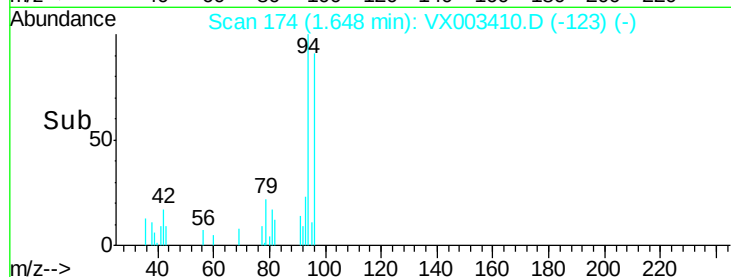
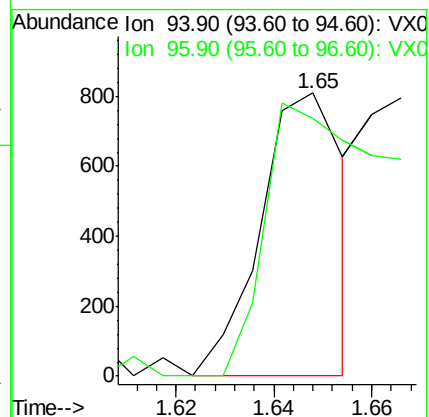
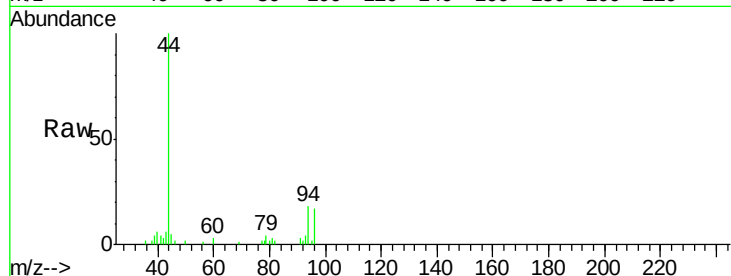
PB111123ZHE#18

Tot Ion: 94 Resp: 957

Ion Ratio Lower Upper

94 100

96 91.2 74.9 112.3



#6

Chloroethane

Concen: Below Cal

RT: 1.75 min Scan# 190

Delta R.T. 0.03 min

Lab File: VX003410.D

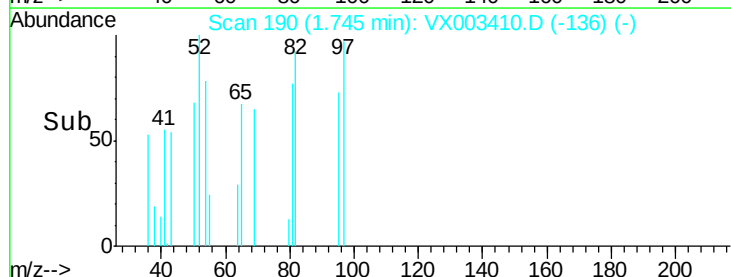
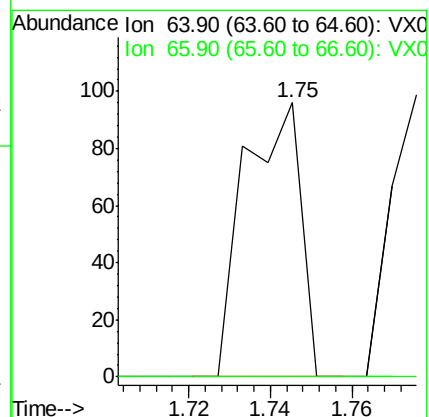
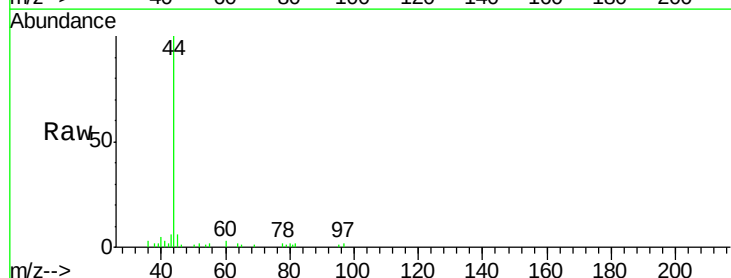
Acq: 17 Jul 2018 00:35

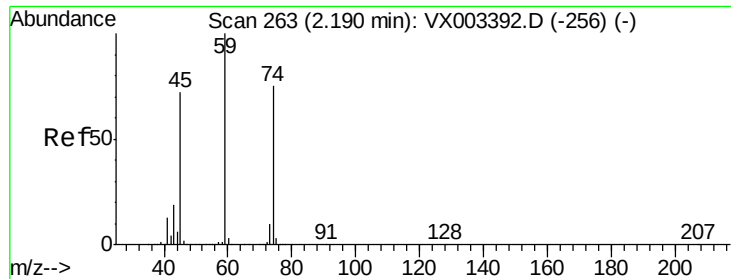
Tgt Ion: 64 Resp: 92

Ion Ratio Lower Upper

64 100

66 0.0 25.5 38.3#





#8

Diethyl Ether

Concen: 0.24 ug/l

RT: 2.19 min Scan# 263

Delta R.T. -0.00 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

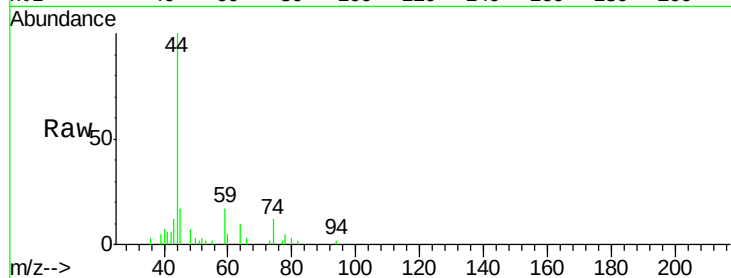
PB111123ZHE#18

Tot Ion: 74 Resp: 477

Ion Ratio Lower Upper

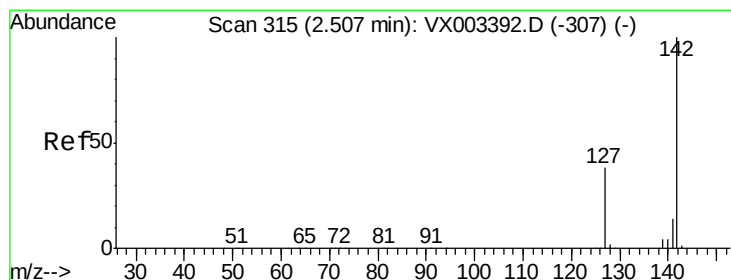
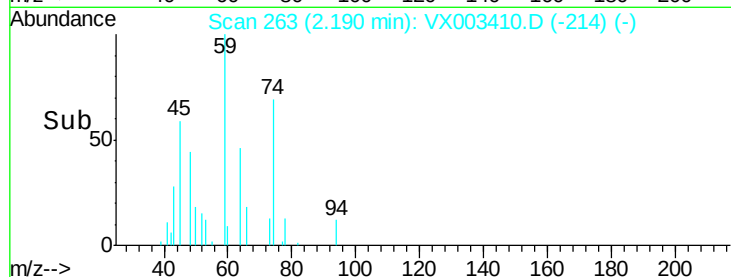
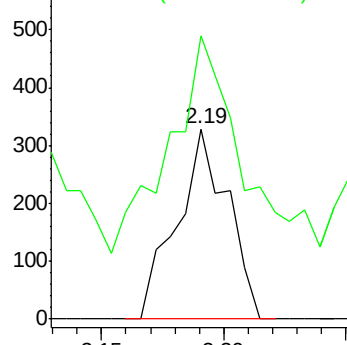
74 100

45 159.1 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.45 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

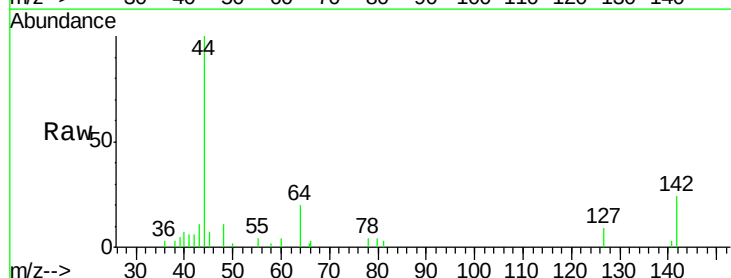
Tgt Ion: 142 Resp: 1450

Ion Ratio Lower Upper

142 100

127 39.1 36.6 55.0

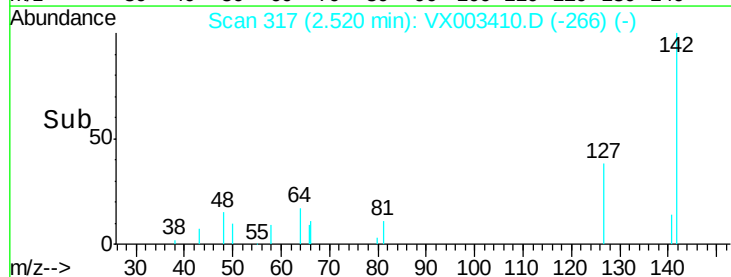
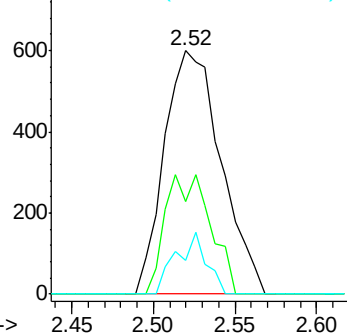
141 13.7 11.3 16.9

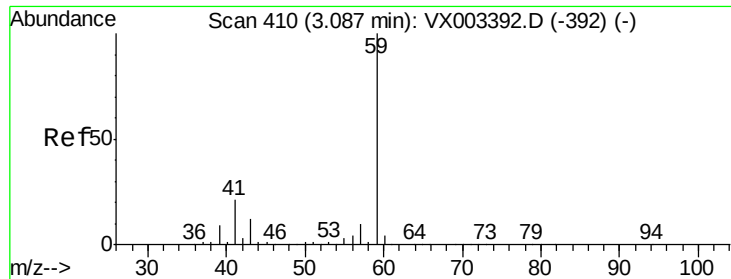


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

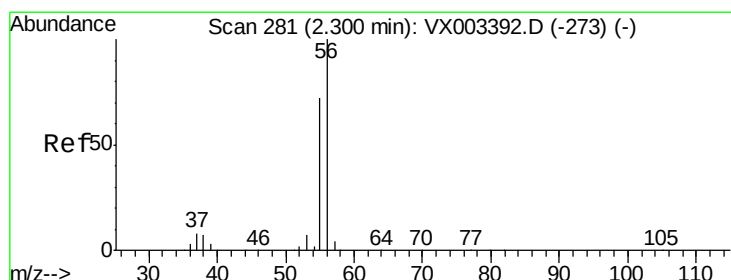
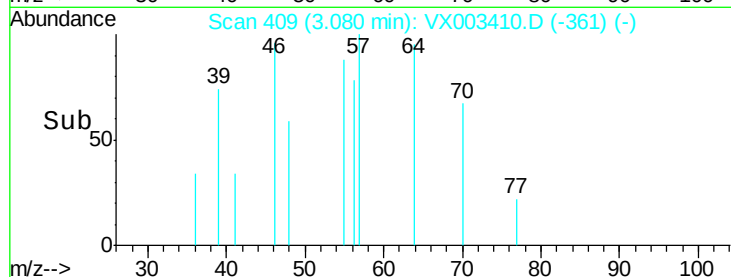
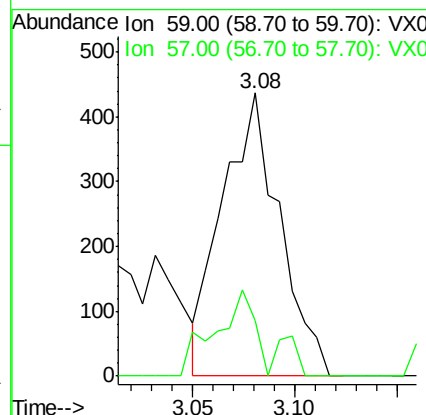
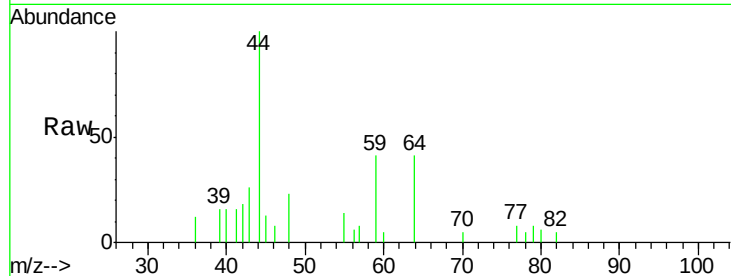




#11  
Tert butyl alcohol  
Concen: 1.08 ug/l  
RT: 3.08 min Scan# 409  
Delta R.T. -0.01 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

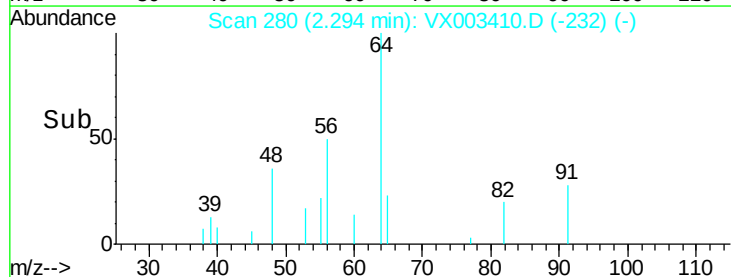
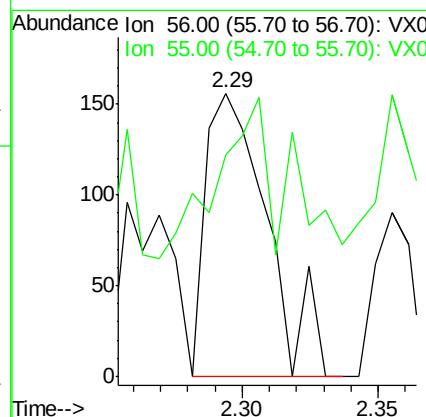
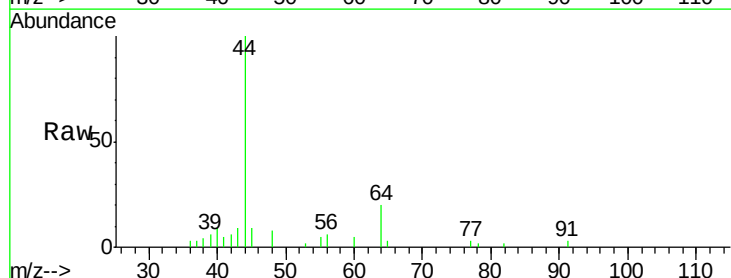
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

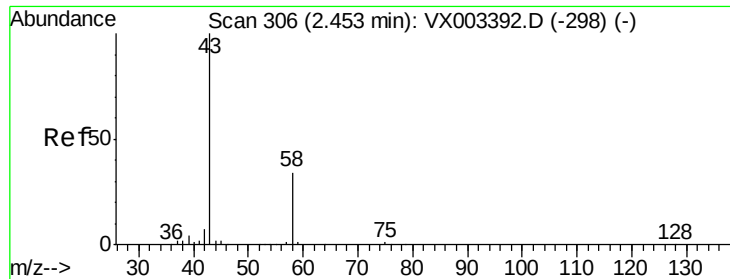
Tot Ion: 59 Resp: 851  
Ion Ratio Lower Upper  
59 100  
57 20.8 8.2 12.2#



#13  
Acrolein  
Concen: 0.64 ug/l  
RT: 2.29 min Scan# 280  
Delta R.T. -0.01 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Tgt Ion: 56 Resp: 244  
Ion Ratio Lower Upper  
56 100  
55 74.6 57.0 85.4





#16

Acetone

Concen: 20.14 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

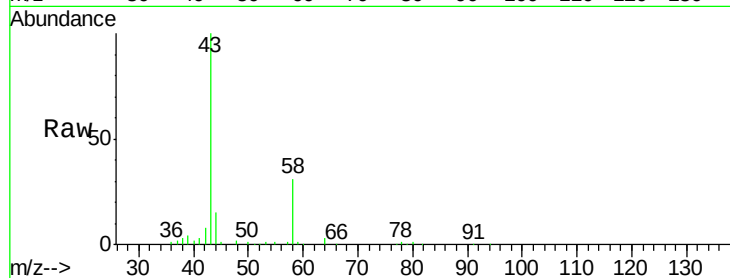
PB111123ZHE#18

Tot Ion: 43 Resp: 29455

Ion Ratio Lower Upper

43 100

58 31.1 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

20000

15000

10000

5000

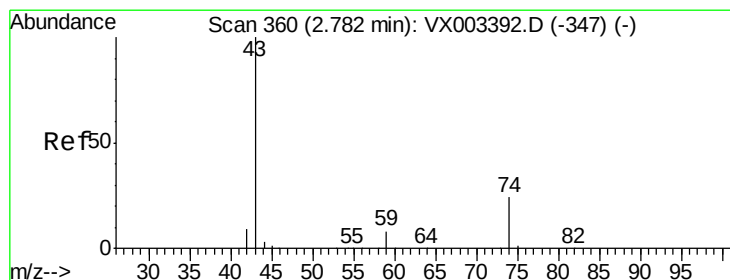
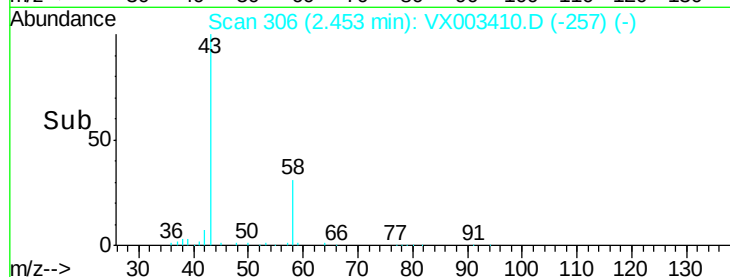
0

2.40

2.50

2.60

Time-->



#18

Methyl Acetate

Concen: 2.48 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX003410.D

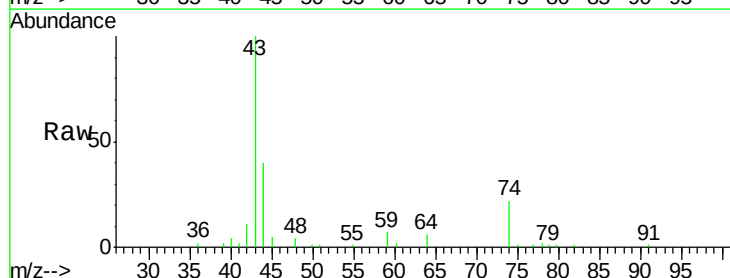
Acq: 17 Jul 2018 00:35

Tgt Ion: 43 Resp: 11793

Ion Ratio Lower Upper

43 100

74 24.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

6000

4000

2000

0

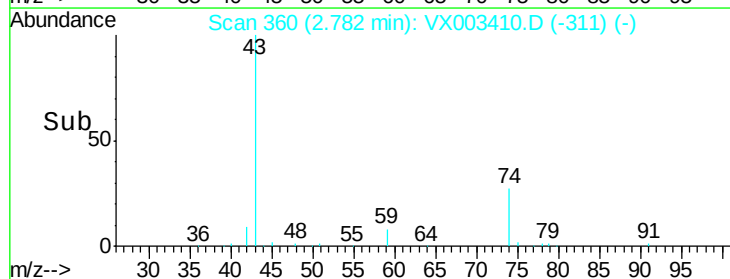
2.70

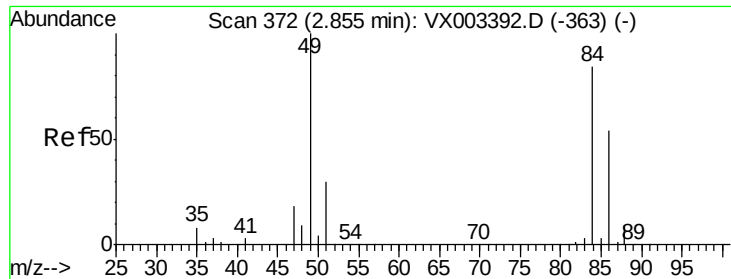
2.75

2.80

2.85

Time-->

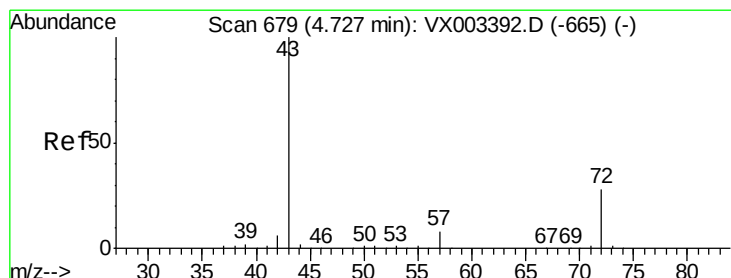
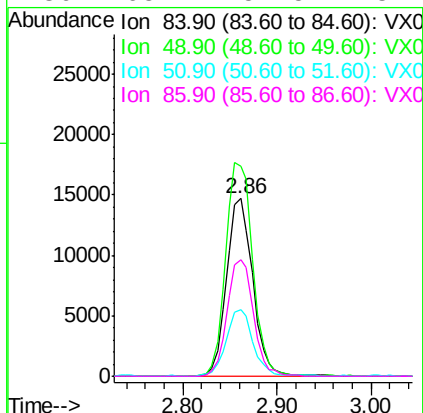
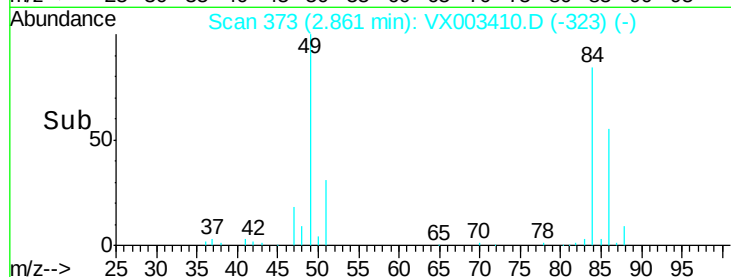
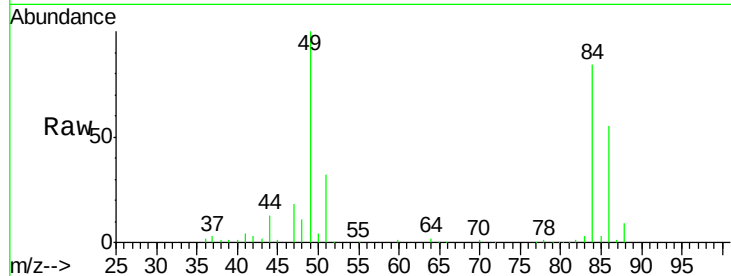




#20  
Methvlene Chloride  
Concen: 7.95 ug/l  
RT: 2.86 min Scan# 373  
Delta R.T. 0.01 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

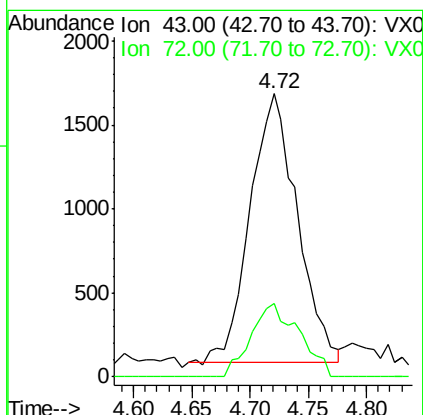
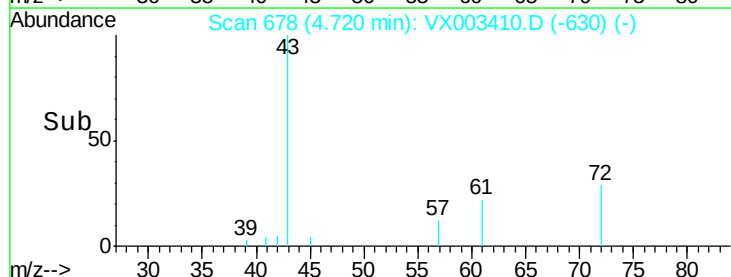
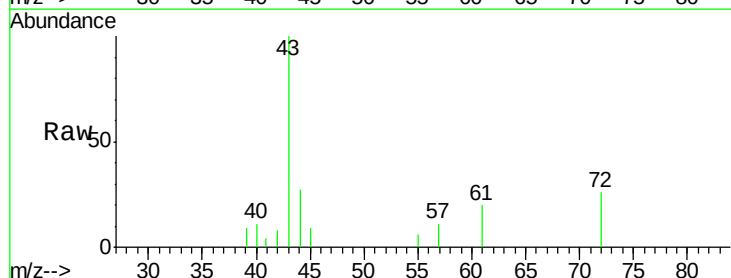
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

Tot Ion: 84 Resp: 28403  
Ion Ratio Lower Upper  
84 100  
49 118.6 107.8 161.6  
51 37.9 32.8 49.2  
86 65.7 52.5 78.7

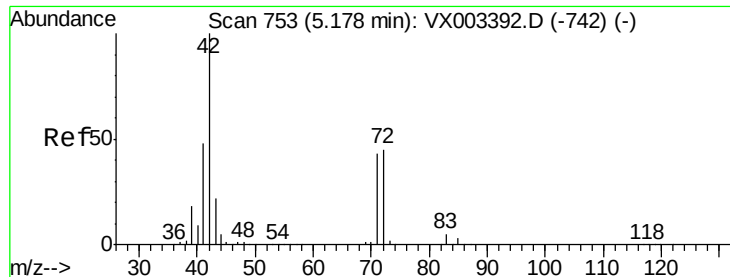


#25  
2-Butanone  
Concen: 1.98 ug/l  
RT: 4.72 min Scan# 678  
Delta R.T. -0.01 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Tgt Ion: 43 Resp: 4530  
Ion Ratio Lower Upper  
43 100  
72 27.4 18.5 27.7







#29

Tetrahydrofuran

Concen: 0.86 ug/l

RT: 5.18 min Scan# 754

Delta R.T. 0.01 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

PB111123ZHE#18

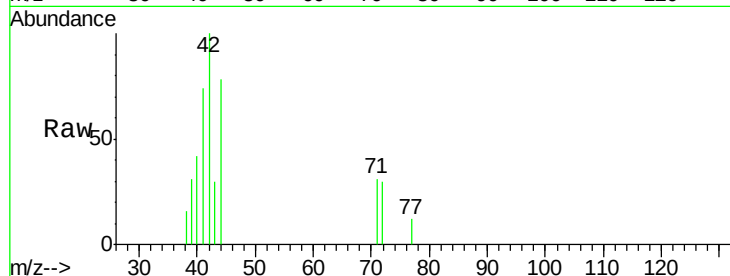
Tot Ion: 42 Resp: 1242

Ion Ratio Lower Upper

42 100

72 38.4 32.0 48.0

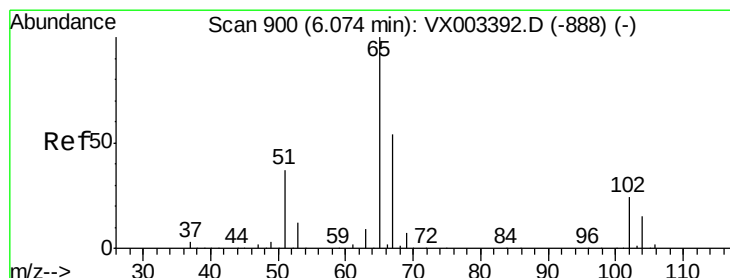
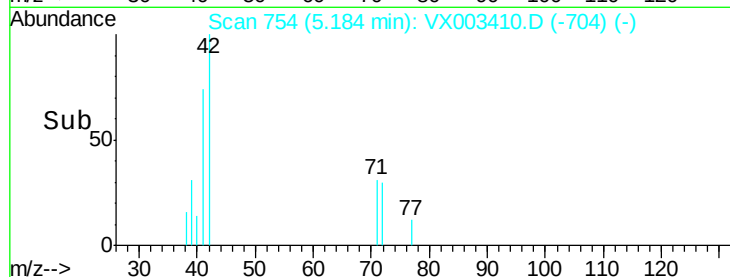
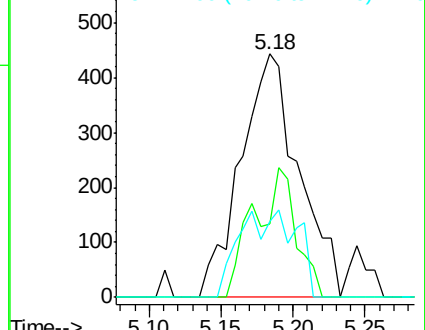
71 16.3 30.1 45.1#



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.68 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.01 min

Lab File: VX003410.D

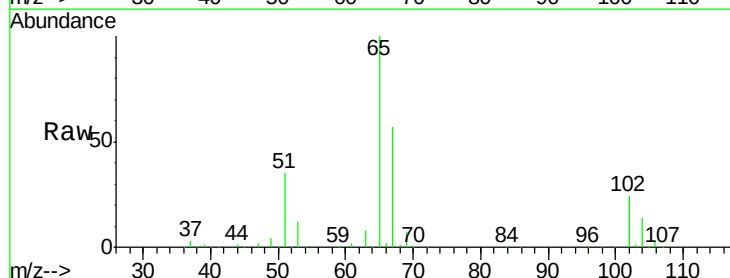
Acq: 17 Jul 2018 00:35

Tgt Ion: 65 Resp: 167647

Ion Ratio Lower Upper

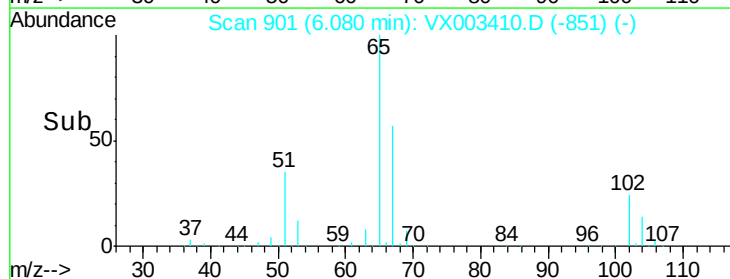
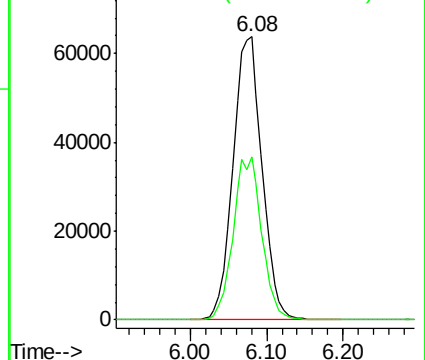
65 100

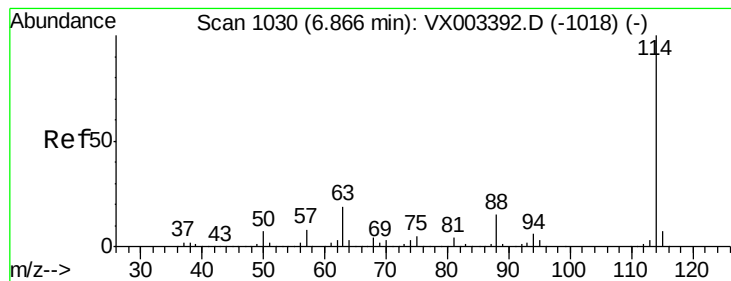
67 56.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

PB111123ZHE#18

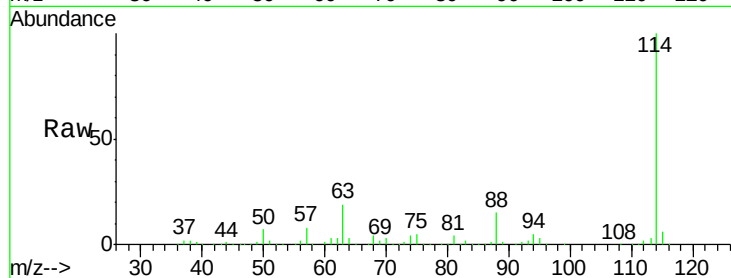
Tot Ion:114 Resp: 395479

Ion Ratio Lower Upper

114 100

63 18.6 0.0 41.4

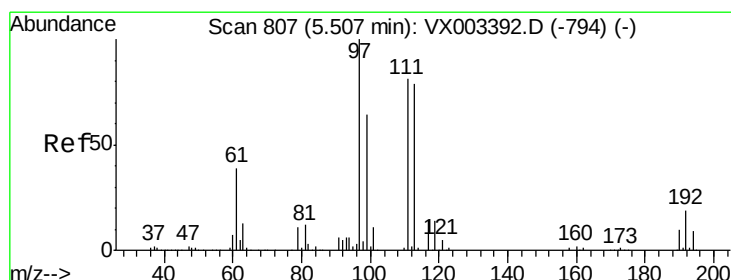
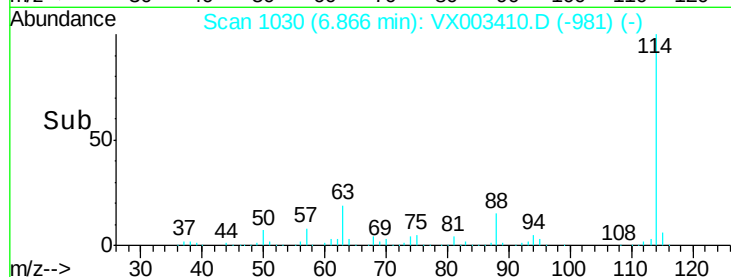
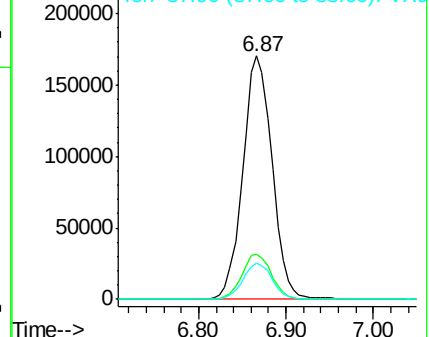
88 14.8 0.0 30.0



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: 47.93 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

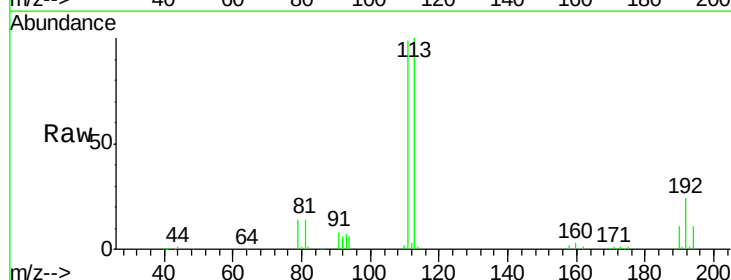
Tgt Ion:113 Resp: 153380

Ion Ratio Lower Upper

113 100

111 100.1 81.4 122.0

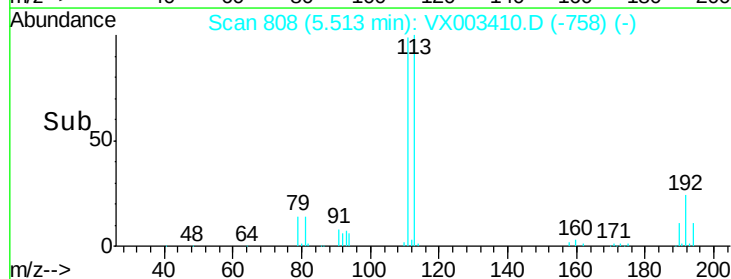
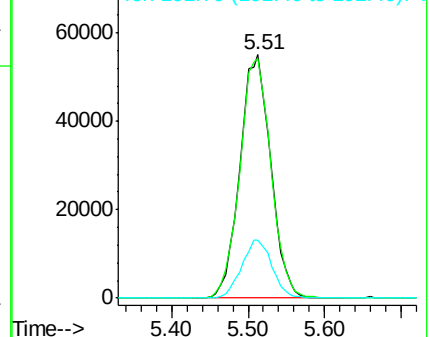
192 23.6 19.1 28.7

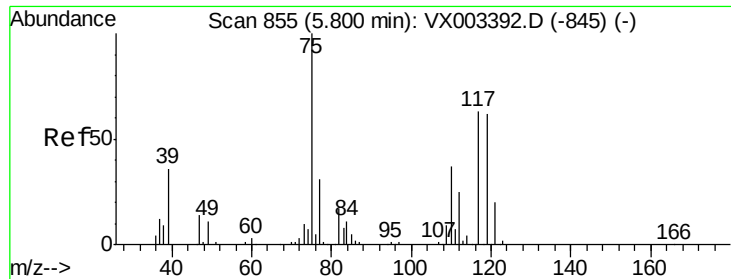


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

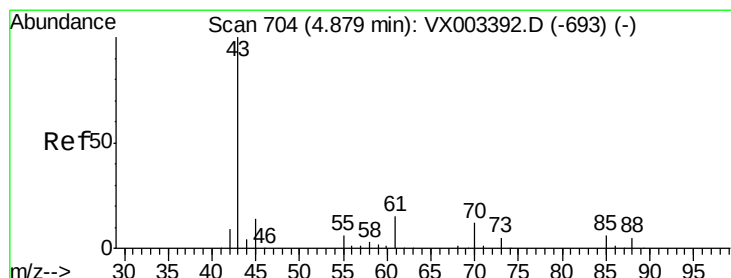
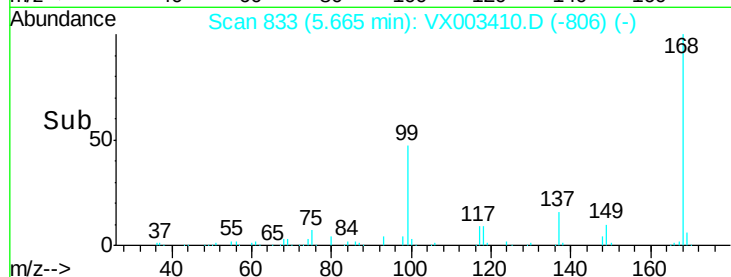
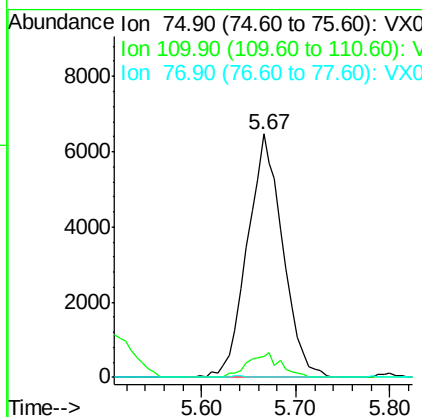
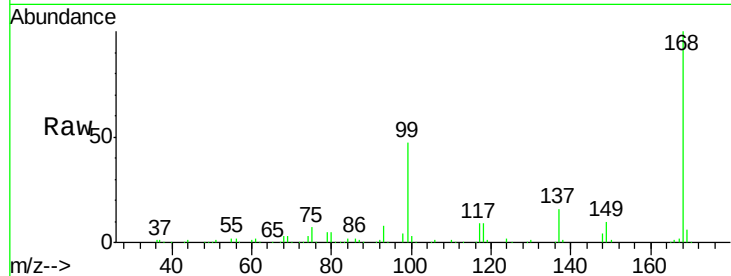




#36  
 1,1-Dichloropropene  
 Concen: 4.25 ug/l  
 RT: 5.67 min Scan# 833  
 Delta R.T. -0.13 min  
 Lab File: VX003410.D  
 Acq: 17 Jul 2018 00:35

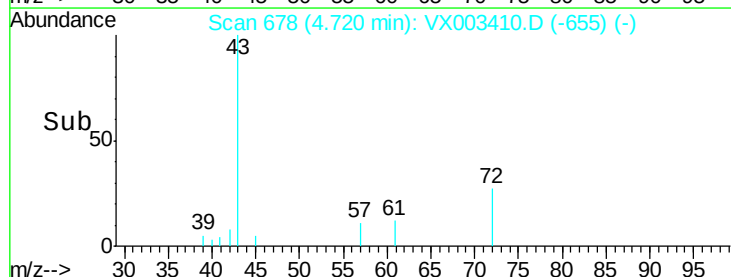
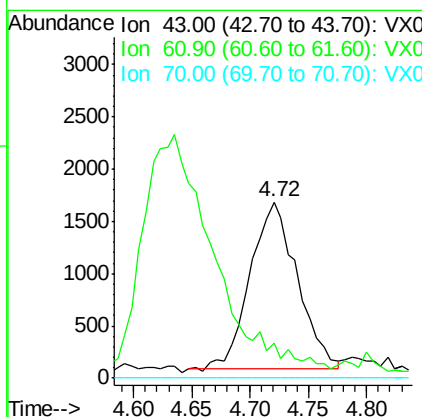
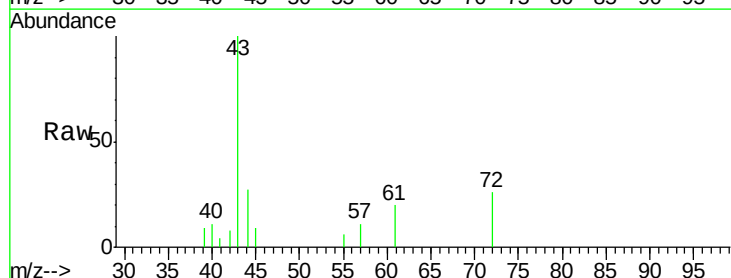
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB111123ZHE#18

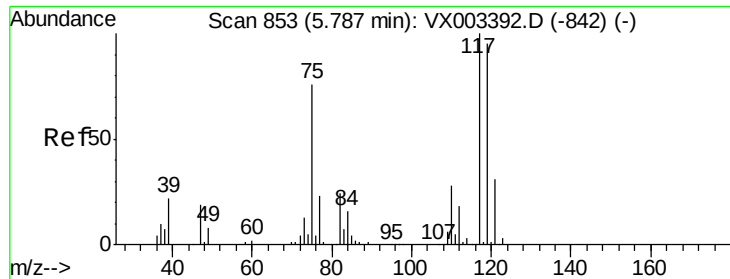
Tot Ion: 75 Resp: 17004  
 Ion Ratio Lower Upper  
 75 100  
 110 9.4 18.1 54.4#  
 77 0.0 24.3 36.5#



#37  
 Ethyl Acetate  
 Concen: 1.00 ug/l  
 RT: 4.72 min Scan# 678  
 Delta R.T. -0.16 min  
 Lab File: VX003410.D  
 Acq: 17 Jul 2018 00:35

Tgt Ion: 43 Resp: 4530  
 Ion Ratio Lower Upper  
 43 100  
 61 0.0 10.4 15.6#  
 70 0.0 7.6 11.4#

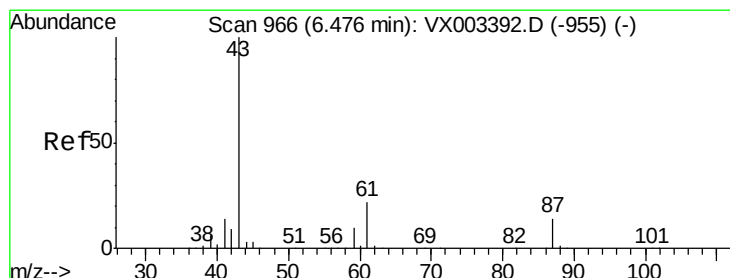
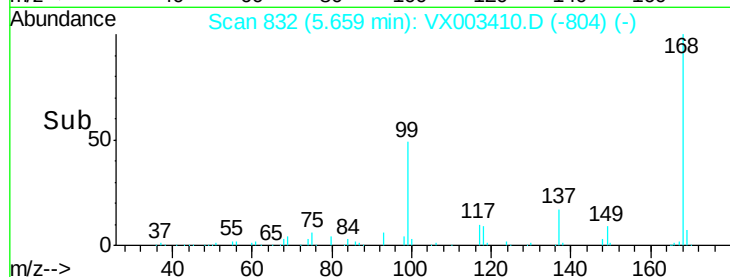
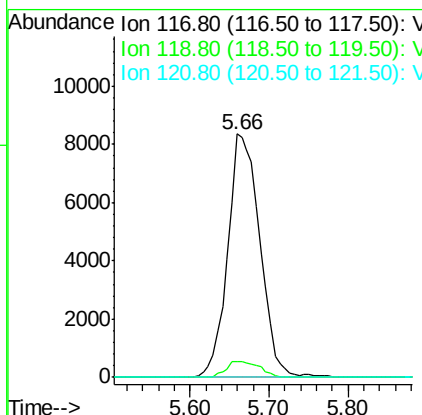
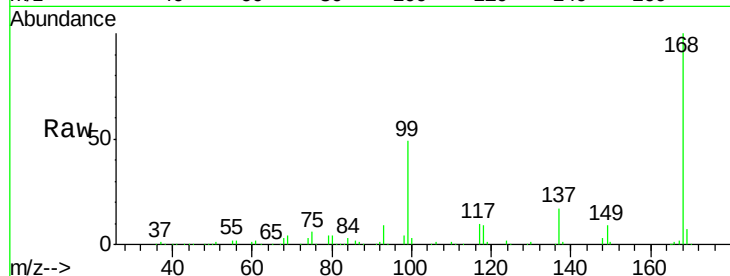




#38  
 Carbon Tetrachloride  
 Concen: 5.79 ug/l  
 RT: 5.66 min Scan# 832  
 Delta R.T. -0.13 min  
 Lab File: VX003410.D  
 Acq: 17 Jul 2018 00:35

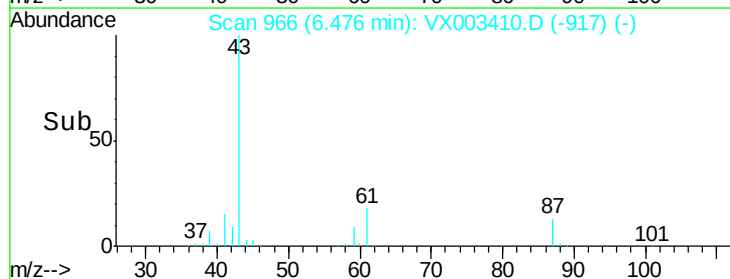
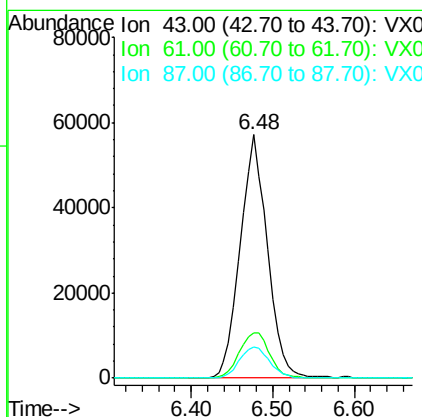
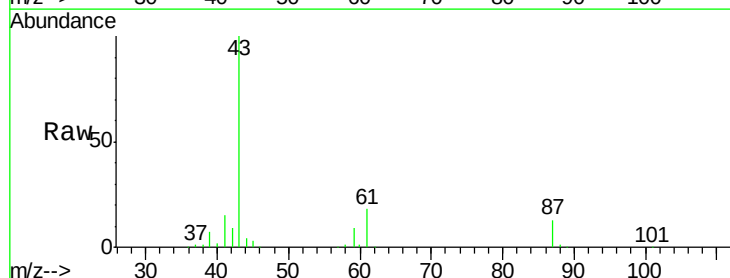
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 PB111123ZHE#18

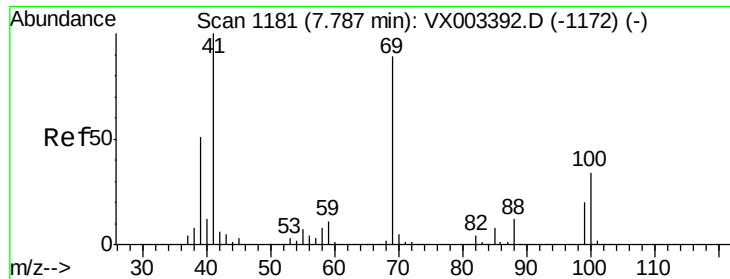
Tot Ion:117 Resp: 23590  
 Ion Ratio Lower Upper  
 117 100  
 119 6.3 77.4 116.0#  
 121 0.0 24.4 36.6#



#43  
 Isopropyl Acetate  
 Concen: 19.50 ug/l  
 RT: 6.48 min Scan# 966  
 Delta R.T. -0.00 min  
 Lab File: VX003410.D  
 Acq: 17 Jul 2018 00:35

Tgt Ion: 43 Resp: 132842  
 Ion Ratio Lower Upper  
 43 100  
 61 20.7 14.4 21.6  
 87 14.2 9.5 14.3

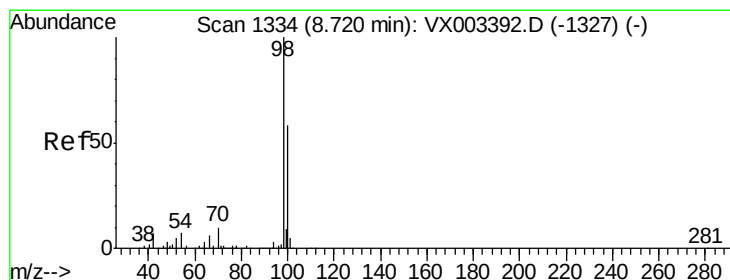
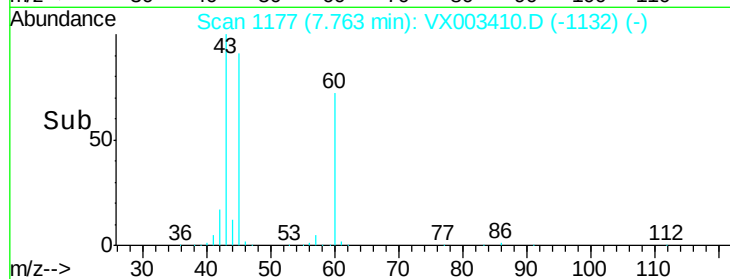
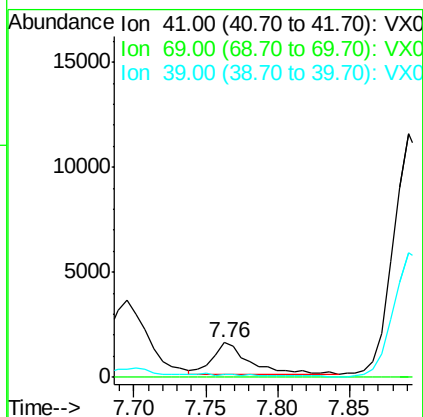
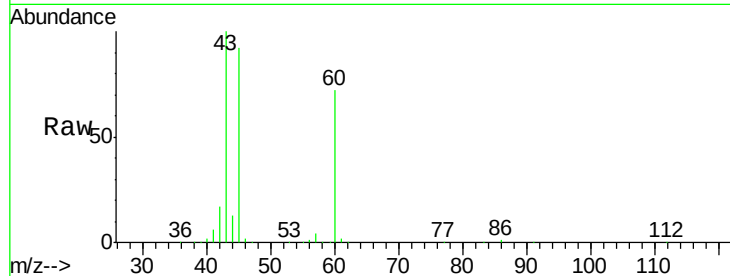




#48  
Methvl methacrylate  
Concen: 0.81 ug/l  
RT: 7.76 min Scan# 1177  
Delta R.T. -0.02 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

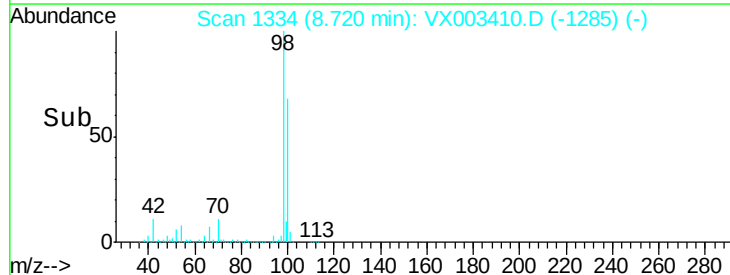
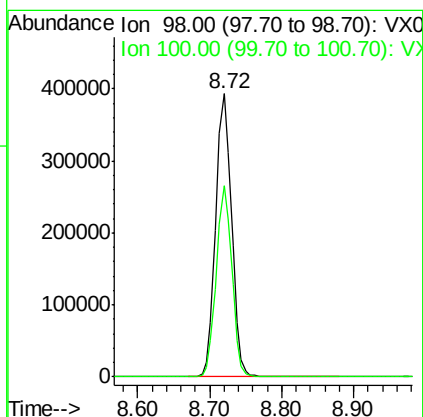
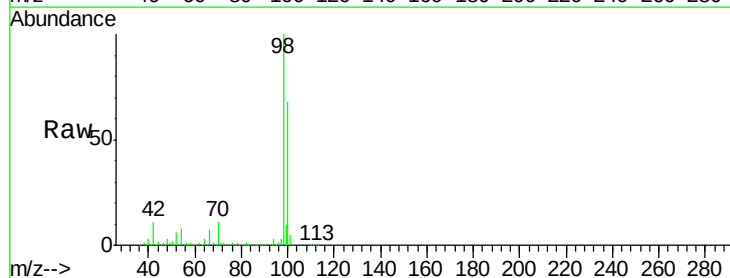
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

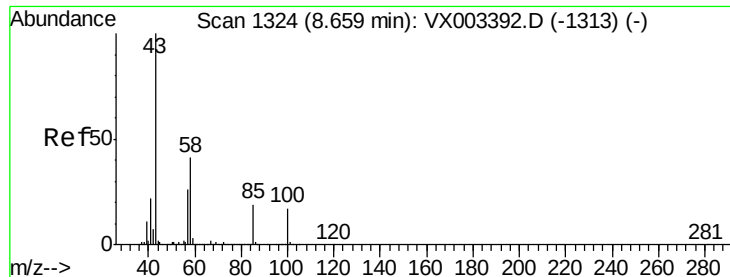
Tot Ion: 41 Resp: 2820  
Ion Ratio Lower Upper  
41 100  
69 0.0 59.1 88.7#  
39 0.0 48.9 73.3#



#50  
Toluene-d8  
Concen: 51.12 ug/l  
RT: 8.72 min Scan# 1334  
Delta R.T. -0.00 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Tgt Ion: 98 Resp: 603620  
Ion Ratio Lower Upper  
98 100  
100 66.0 50.9 76.3

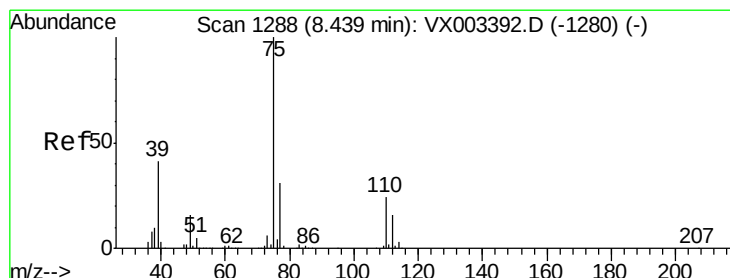
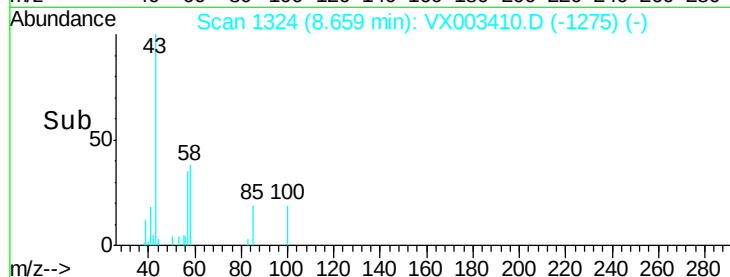
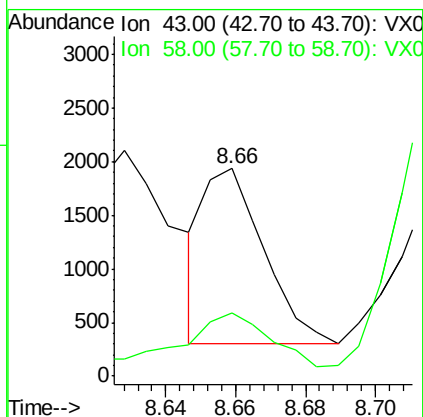
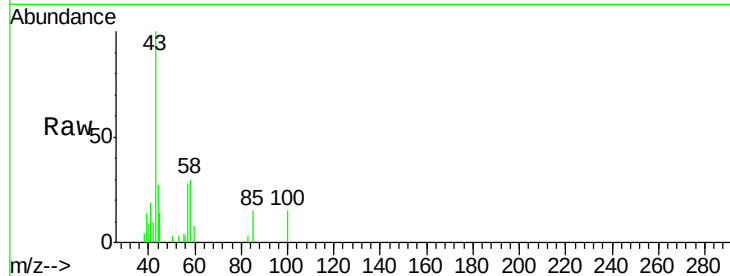




#51  
4-Methyl-2-Pentanone  
Concen: 0.43 ug/l  
RT: 8.66 min Scan# 1324  
Delta R.T. -0.00 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

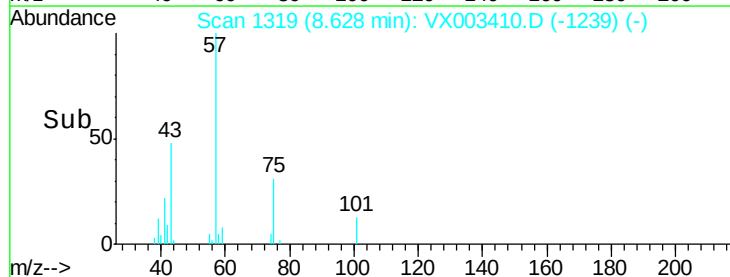
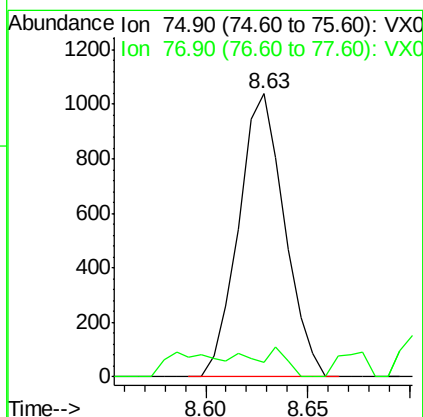
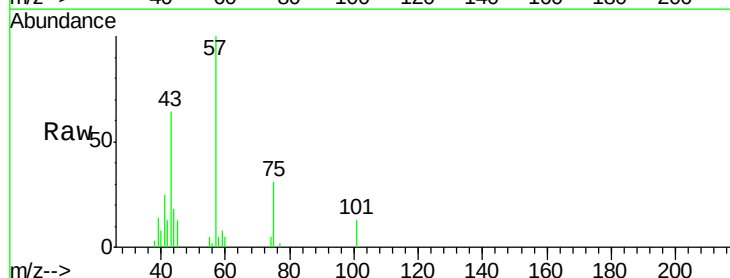
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

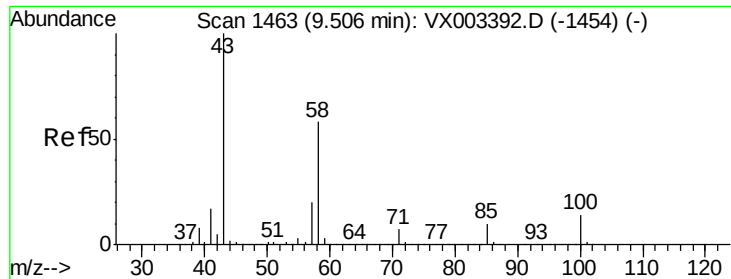
Tot Ion: 43 Resp: 1928  
Ion Ratio Lower Upper  
43 100  
58 66.1 28.6 42.8#



#53  
t-1,3-Dichloropropene  
Concen: 0.36 ug/l  
RT: 8.63 min Scan# 1319  
Delta R.T. 0.19 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Tgt Ion: 75 Resp: 1625  
Ion Ratio Lower Upper  
75 100  
77 0.0 25.4 38.2#

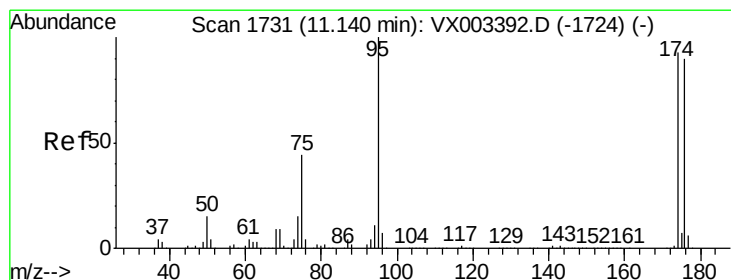
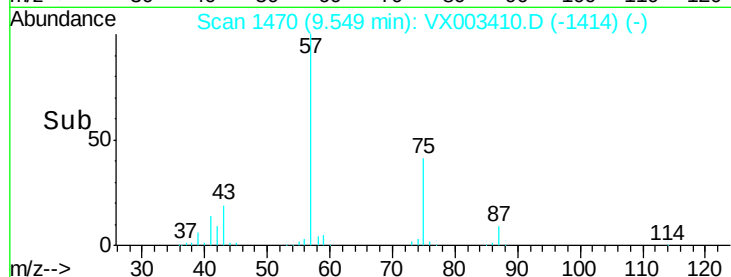
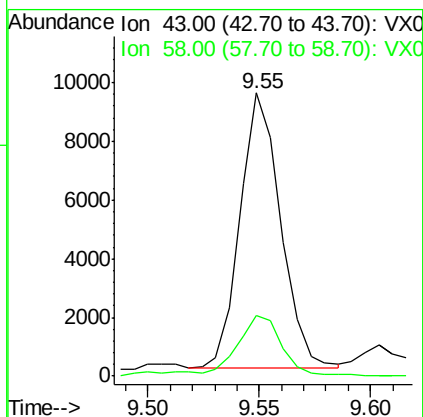
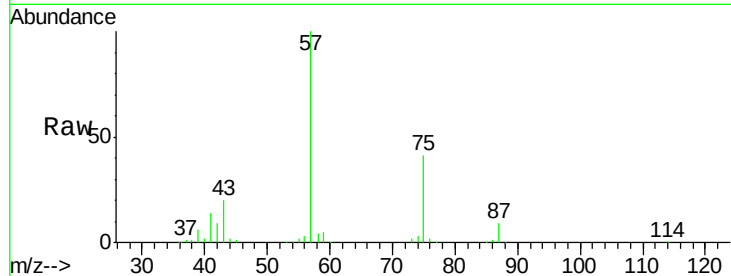




#59  
2-Hexanone  
Concen: 3.45 ug/l  
RT: 9.55 min Scan# 1470  
Delta R.T. 0.04 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

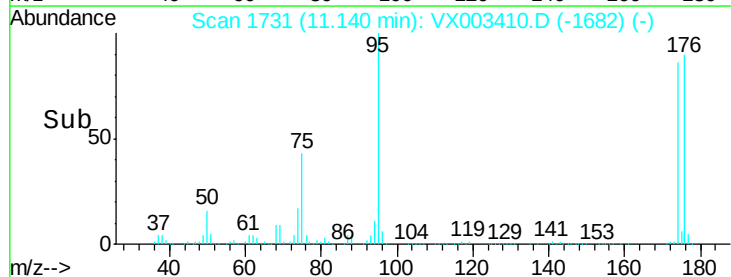
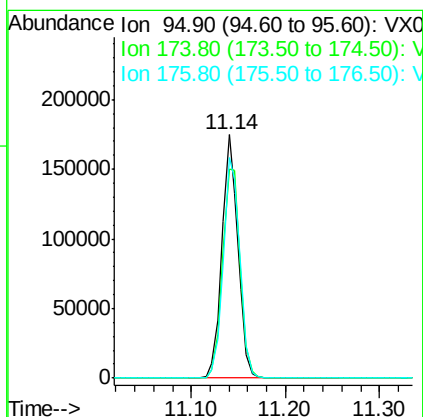
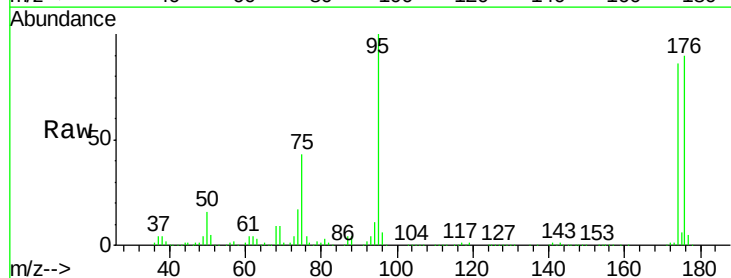
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

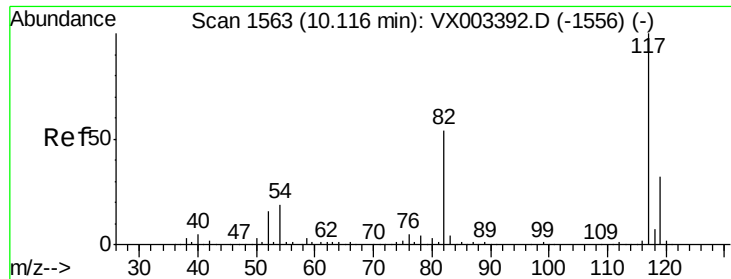
Tot Ion: 43 Resp: 11891  
Ion Ratio Lower Upper  
43 100  
58 26.2 24.6 73.6



#62  
4-Bromofluorobenzene  
Concen: 48.66 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.00 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Tgt Ion: 95 Resp: 205145  
Ion Ratio Lower Upper  
95 100  
174 95.2 0.0 187.4  
176 93.9 0.0 181.0

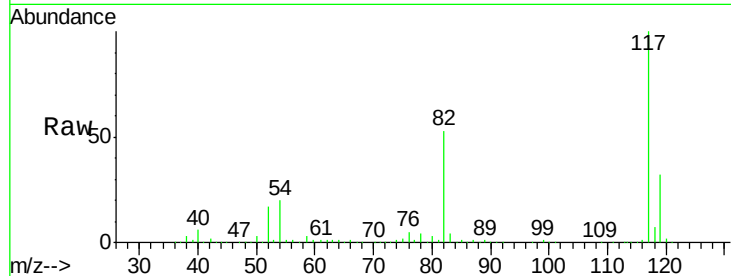




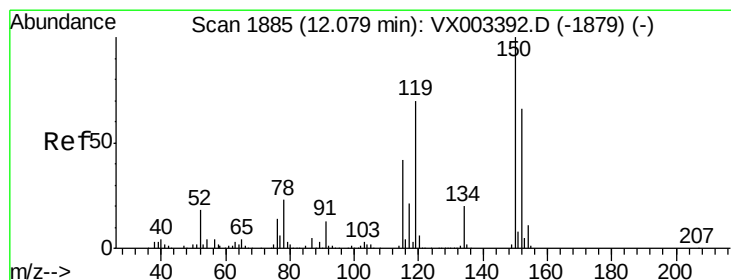
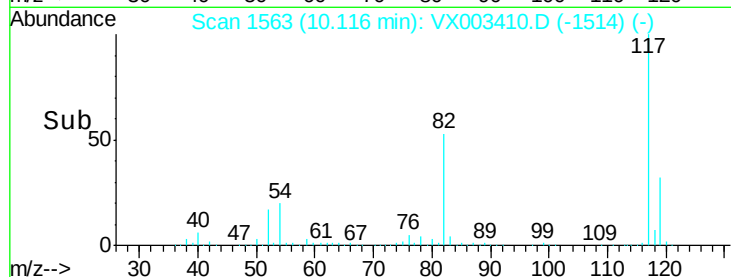
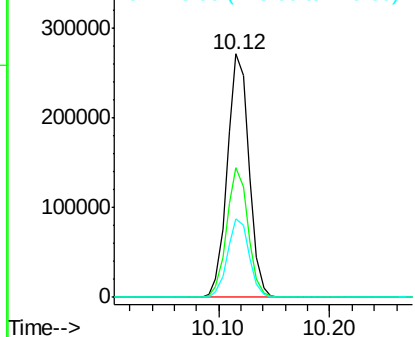
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

Tot Ion:117 Resp: 365826  
Ion Ratio Lower Upper  
117 100  
82 53.4 45.0 67.4  
119 32.3 25.8 38.6

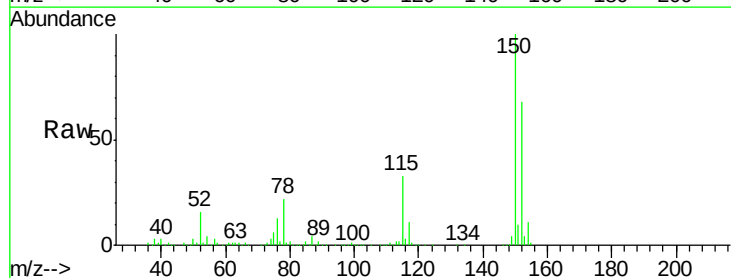


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

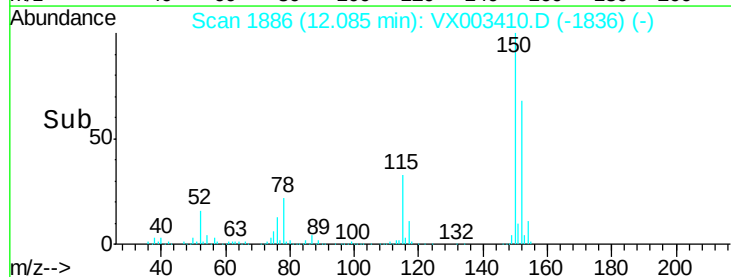
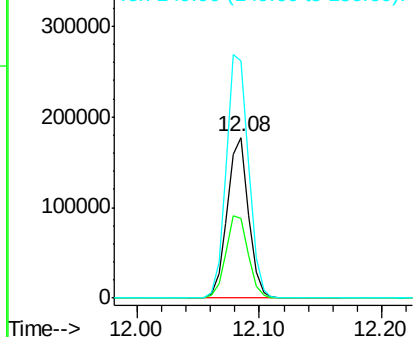


#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 12.08 min Scan# 1886  
Delta R.T. 0.01 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

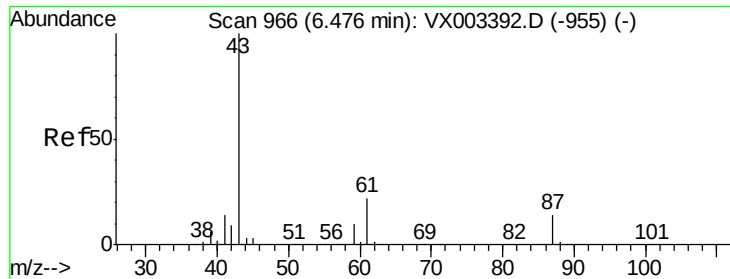
Tgt Ion:152 Resp: 211338  
Ion Ratio Lower Upper  
152 100  
115 54.0 40.1 120.2  
150 159.2 0.0 347.2



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



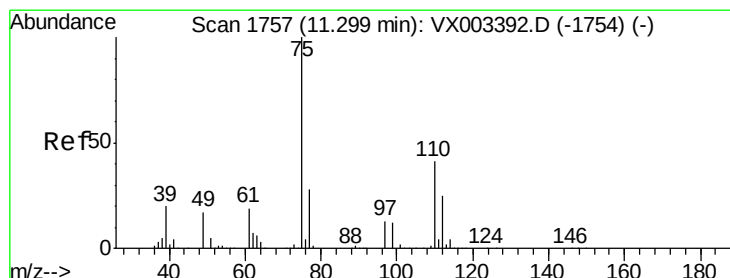
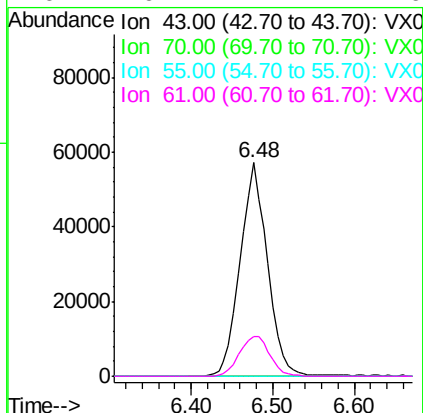
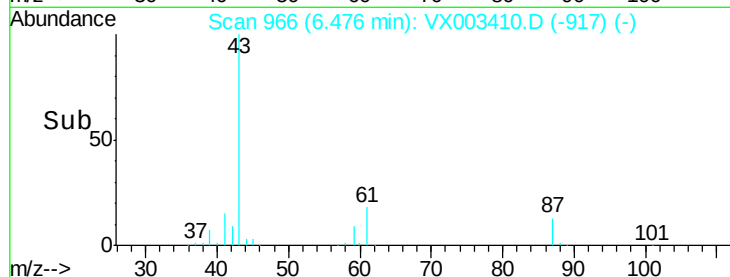
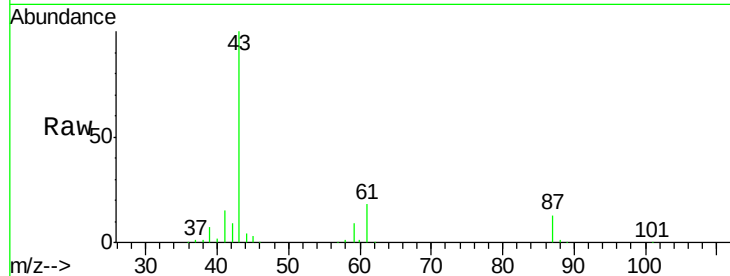




#74  
N-amvl acetate  
Concen: 20.41 ug/l  
RT: 6.48 min Scan# 966  
Delta R.T. -0.00 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

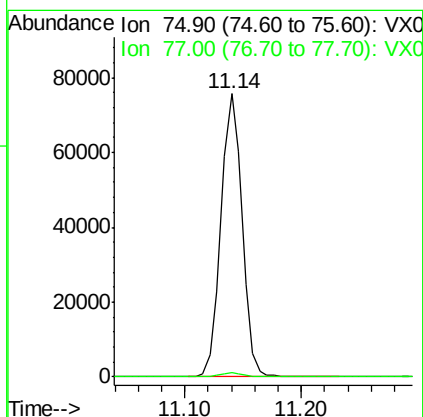
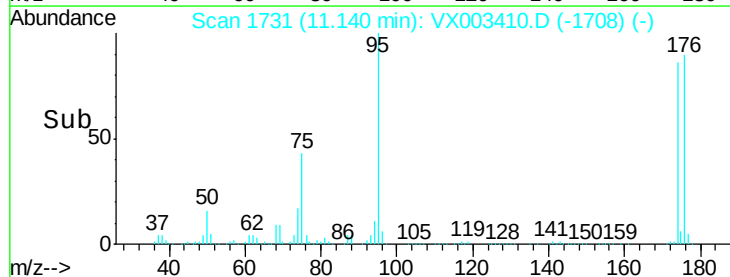
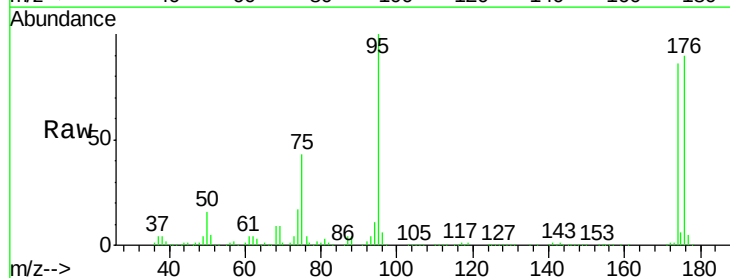
Instrument :  
MSVOA\_X  
ClientSampleId :  
PB111123ZHE#18

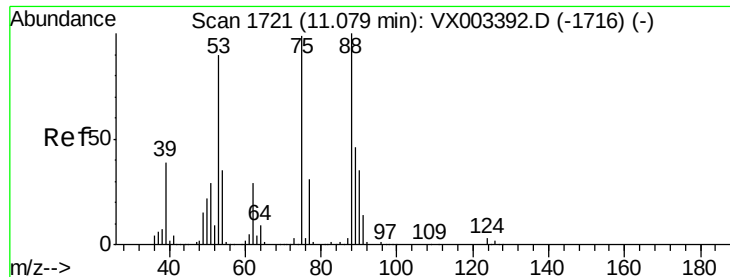
Tot Ion: 43 Resp: 132842  
Ion Ratio Lower Upper  
43 100  
70 0.0 0.0 0.0  
55 0.0 0.0 0.0#  
61 20.7 14.4 21.6



#76  
1,2,3-Trichloropropane  
Concen: 24.73 ug/l  
RT: 11.14 min Scan# 1731  
Delta R.T. -0.16 min  
Lab File: VX003410.D  
Acq: 17 Jul 2018 00:35

Tgt Ion: 75 Resp: 94619  
Ion Ratio Lower Upper  
75 100  
77 1.5 22.8 68.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 80.34 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

Instrument :

MSVOA\_X

ClientSampleId :

PB111123ZHE#18

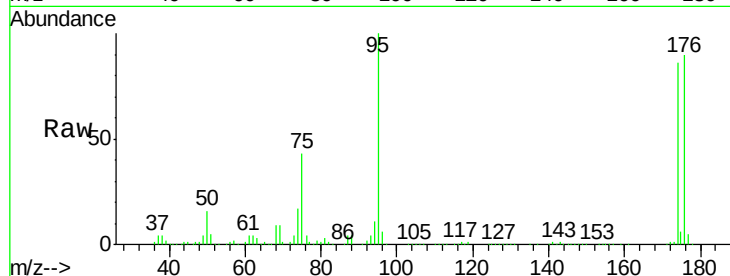
Tot Ion: 75 Resp: 94619

Ion Ratio Lower Upper

75 100

53 0.2 86.8 130.2#

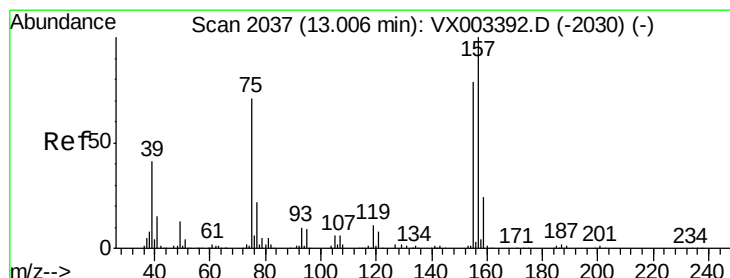
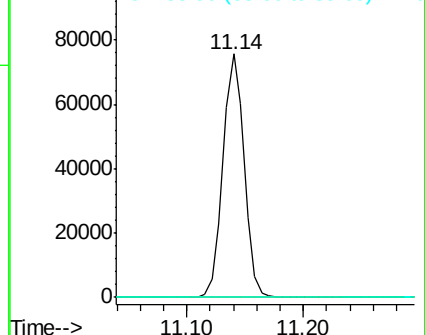
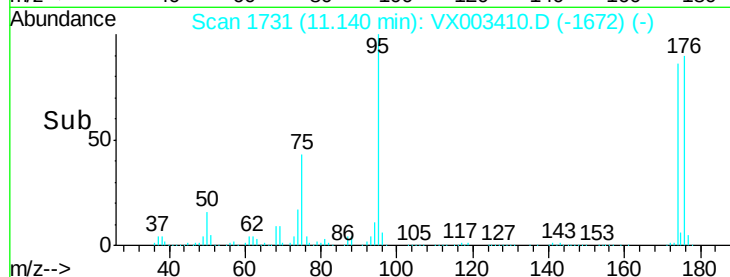
89 0.0 38.2 57.2#



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.32 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX003410.D

Acq: 17 Jul 2018 00:35

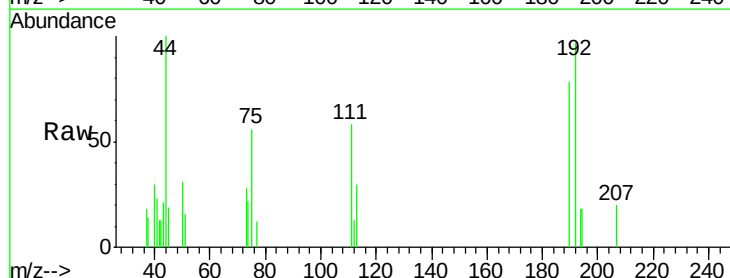
Tgt Ion: 75 Resp: 294

Ion Ratio Lower Upper

75 100

155 0.0 45.8 137.4#

157 0.0 60.1 180.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

