

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\  
 Data File : VX000615.D  
 Acq On : 01 Apr 2018 01:30  
 Operator : JC/MD  
 Sample : J2150-02  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Apr 02 05:25:54 2018  
 Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 21 04:52:42 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 106557   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.87  | 114  | 181229   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 175749   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.09 | 152  | 96025    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.08  | 65   | 72012    | 51.77 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.54% |          |
| 35) Dibromofluoromethane    | 5.51  | 113  | 54685    | 47.89 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.78%  |          |
| 50) Toluene-d8              | 8.73  | 98   | 231271   | 48.90 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.80%  |          |
| 62) 4-Bromofluorobenzene    | 11.15 | 95   | 78349    | 40.54 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 81.08%  |          |

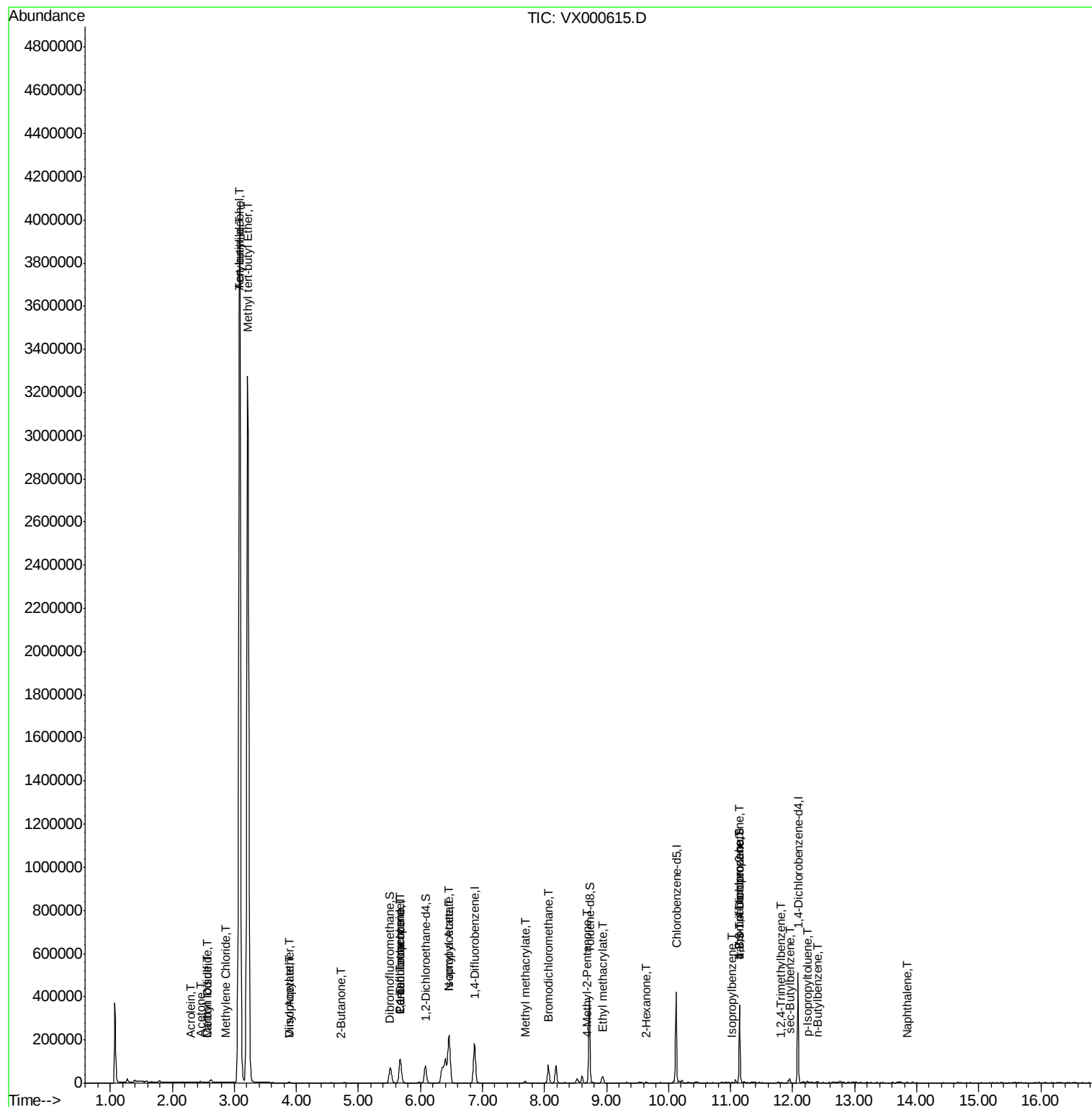
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 6) Chloroethane                | 1.72  | 64   | 341      | Below Cal | #      | 83     |
| 10) Methyl Iodide              | 2.57  | 142  | 27       | 4.295     | ug/l # | 37     |
| 11) Tert butyl alcohol         | 3.09  | 59   | 5072469  | 10601.826 | ug/l   | 100    |
| 13) Acrolein                   | 2.31  | 56   | 98       | 15.182    | ug/l # | 13     |
| 14) Allyl chloride             | 2.74  | 41   | 195      | Below Cal | #      | 80     |
| 15) Acrylonitrile              | 3.09  | 53   | 46944    | 48.444    | ug/l # | 19     |
| 16) Acetone                    | 2.45  | 43   | 5374     | 4.644     | ug/l   | 98     |
| 17) Carbon Disulfide           | 2.57  | 76   | 1136     | 0.385     | ug/l # | 76     |
| 19) Methyl tert-butyl Ether    | 3.21  | 73   | 3626894  | 849.065   | ug/l   | 98     |
| 20) Methylene Chloride         | 2.87  | 84   | 282      | 0.211     | ug/l # | 41     |
| 22) Diisopropyl ether          | 3.89  | 45   | 3412     | 0.945     | ug/l # | 86     |
| 23) Vinyl Acetate              | 3.88  | 43   | 2283     | 0.667     | ug/l # | 72     |
| 25) 2-Butanone                 | 4.72  | 43   | 383      | 0.294     | ug/l # | 49     |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 8205     | 4.833     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 10413    | 5.847     | ug/l # | 14     |
| 43) Isopropyl Acetate          | 6.46  | 43   | 76817    | 22.255    | ug/l # | 14     |
| 47) Bromodichloromethane       | 8.07  | 83   | 611      | 0.351     | ug/l # | 25     |
| 48) Methyl methacrylate        | 7.68  | 41   | 2683     | 1.601     | ug/l # | 26     |
| 51) 4-Methyl-2-Pentanone       | 8.68  | 43   | 917      | 0.343     | ug/l # | 66     |
| 56) Ethyl methacrylate         | 8.93  | 69   | 4326     | 2.014     | ug/l # | 48     |
| 59) 2-Hexanone                 | 9.64  | 43   | 746      | 0.329     | ug/l   | 77     |
| 73) Isopropylbenzene           | 11.02 | 105  | 1724     | 0.271     | ug/l   | 82     |
| 74) N-ethyl acetate            | 6.46  | 43   | 76817    | 26.127    | ug/l # | 60     |
| 76) 1,2,3-Trichloropropane     | 11.15 | 75   | 46544    | 22.554    | ug/l # | 35     |
| 81) trans-1,4-Dichloro-2-buten | 11.15 | 75   | 46544    | 73.020    | ug/l # | 9      |
| 84) 1,2,4-Trimethylbenzene     | 11.82 | 105  | 1141     | 0.203     | ug/l   | 99     |
| 85) sec-Butylbenzene           | 11.96 | 105  | 10491    | 1.571     | ug/l   | 92     |
| 86) p-Isopropyltoluene         | 12.24 | 119  | 3897     | 0.657     | ug/l   | 92     |
| 89) n-Butylbenzene             | 12.40 | 91   | 1197     | 0.217     | ug/l # | 53     |
| 95) Naphthalene                | 13.85 | 128  | 2602     | 0.332     | ug/l # | 95     |

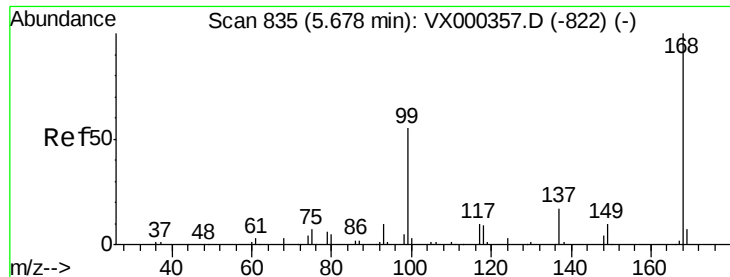
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033118\  
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Operator : JC/MD  
Sample : J2150-02  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Apr 02 05:25:54 2018  
Quant Method : W:\HPCHEM1\MSVOA\_X\METHOD\82X032018W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 21 04:52:42 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.01 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

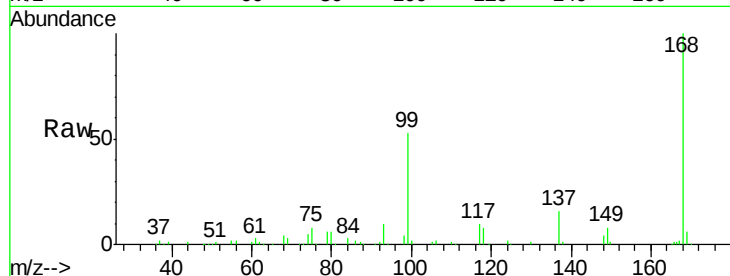
Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:168 Resp: 106557

Ion Ratio Lower Upper

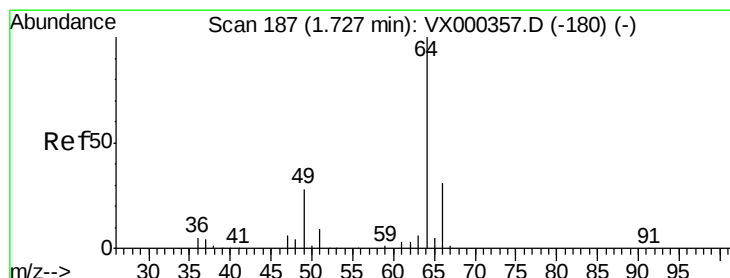
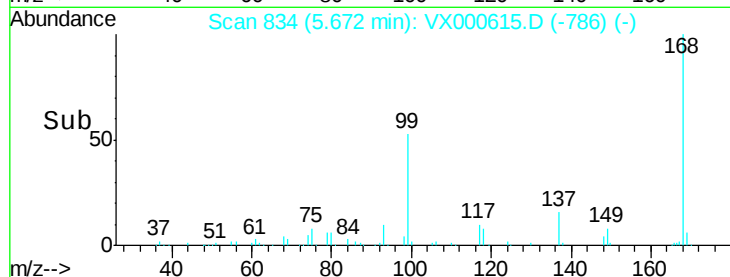
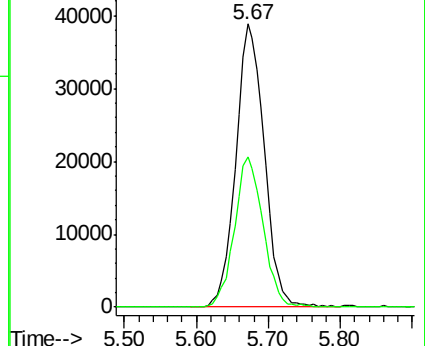
168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000615.D

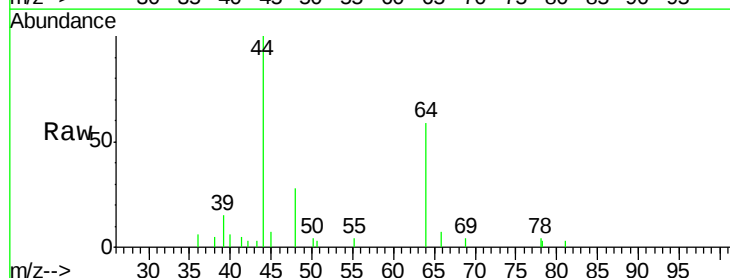
Acq: 01 Apr 2018 01:30

Tgt Ion: 64 Resp: 341

Ion Ratio Lower Upper

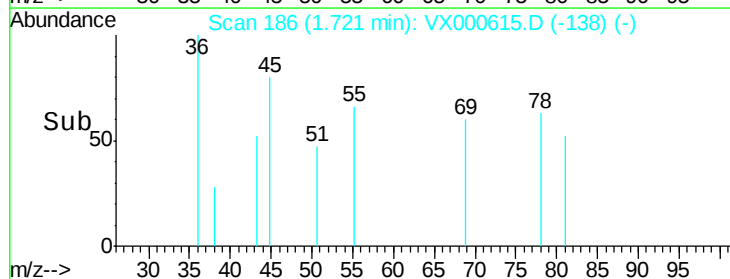
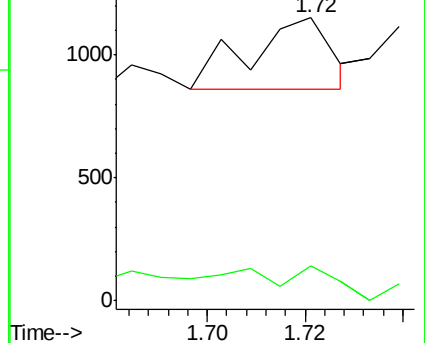
64 100

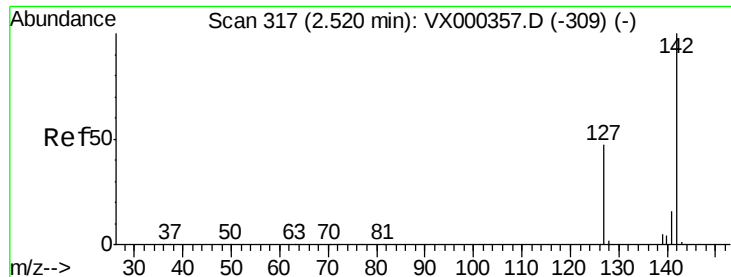
66 21.9 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

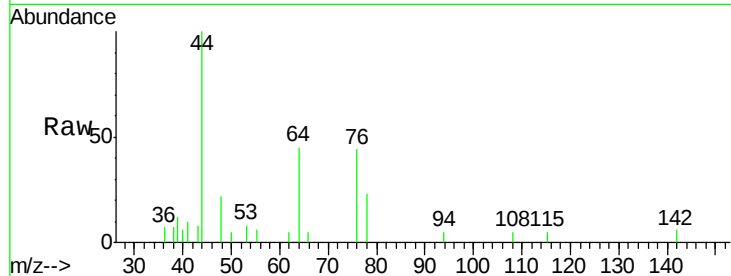




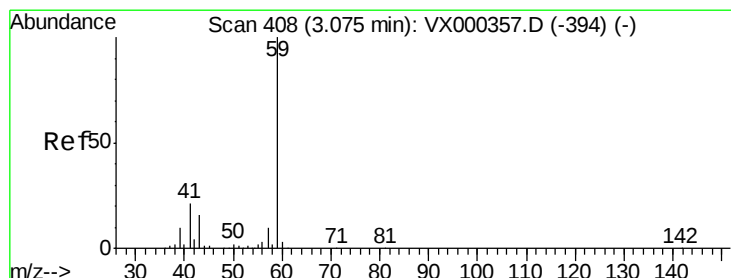
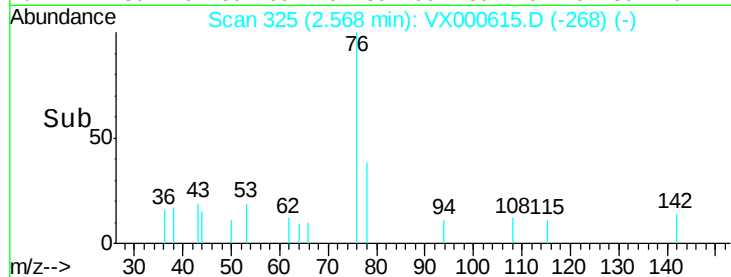
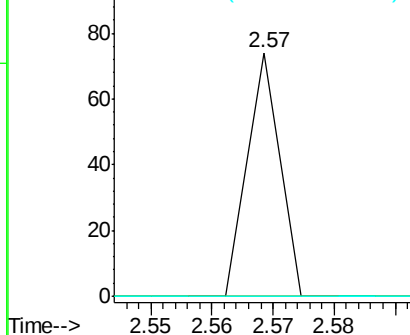
#10  
Methvl Iodide  
Concen: 4.295 ug/l  
RT: 2.57 min Scan# 325  
Delta R.T. 0.05 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:142 Resp: 27  
Ion Ratio Lower Upper  
142 100  
127 0.0 39.2 58.8#  
141 0.0 11.7 17.5#

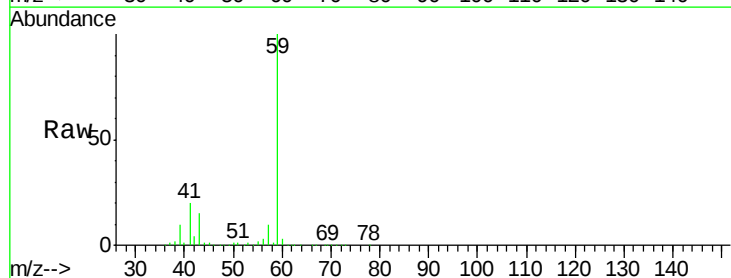


Abundance Ion 141.80 (141.50 to 142.50): V  
Ion 126.80 (126.50 to 127.50): V  
Ion 140.80 (140.50 to 141.50): V

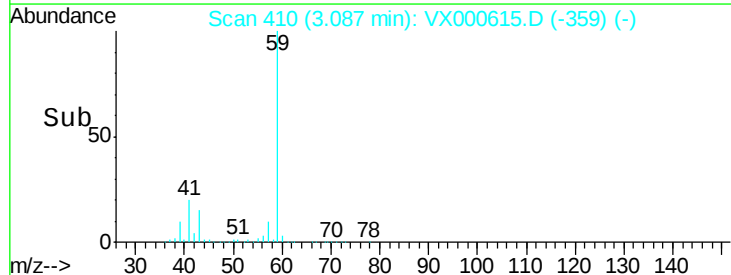
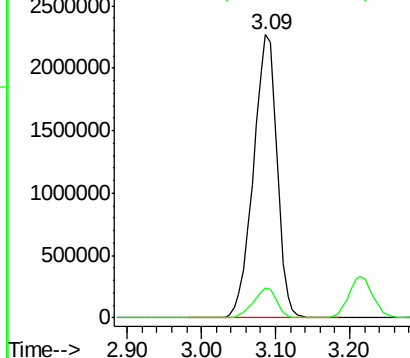


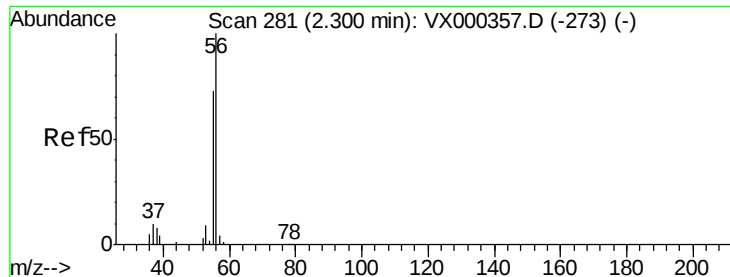
#11  
Tert butyl alcohol  
Concen: 10601.826 ug/l  
RT: 3.09 min Scan# 410  
Delta R.T. 0.01 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Tgt Ion: 59 Resp: 5072469  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0  
Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 15.182 ug/l

RT: 2.31 min Scan# 282

Delta R.T. 0.01 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

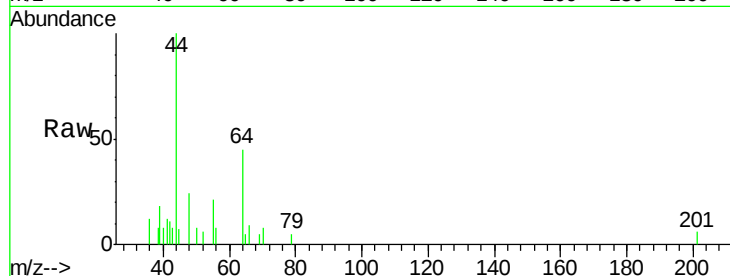
ClientSampled :

Tot Ion: 56 Resp: 98

Ion Ratio Lower Upper

56 100

55 0.0 58.8 88.2#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

800

600

400

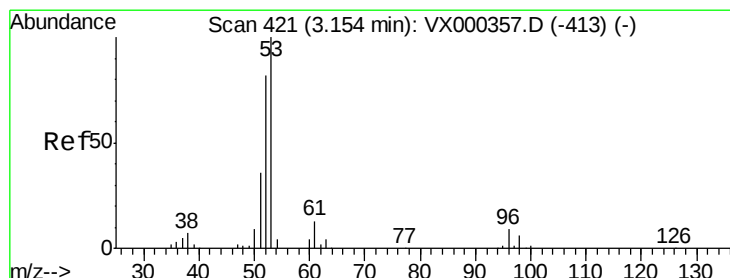
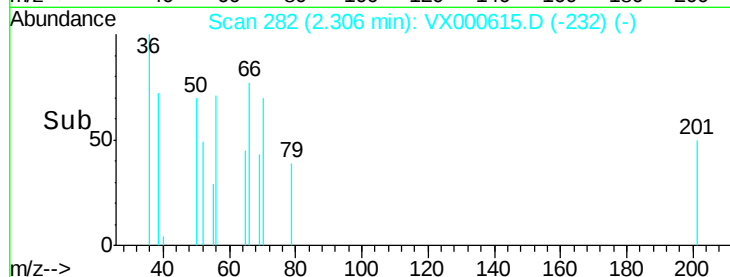
200

0

2.28 2.30 2.32

2.31

Time-->



#15

Acrylonitrile

Concen: 48.444 ug/l

RT: 3.09 min Scan# 410

Delta R.T. -0.07 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

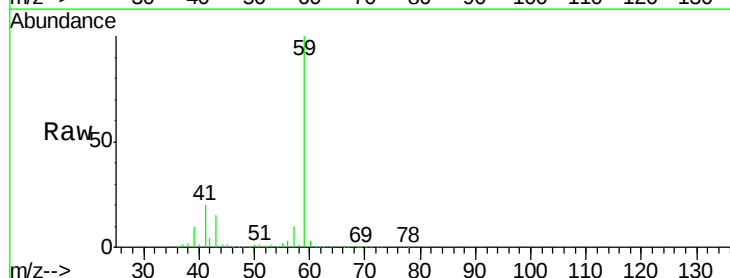
Tgt Ion: 53 Resp: 46944

Ion Ratio Lower Upper

53 100

52 23.7 66.6 99.8#

51 104.9 29.3 43.9#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

25000

20000

15000

10000

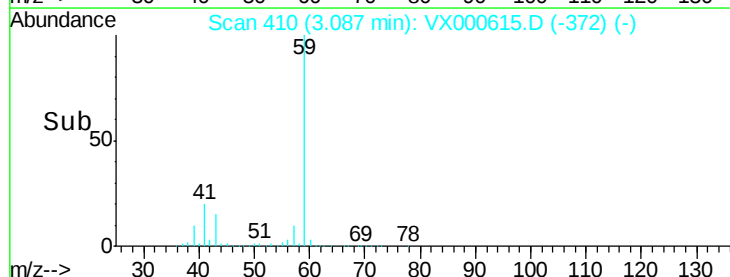
5000

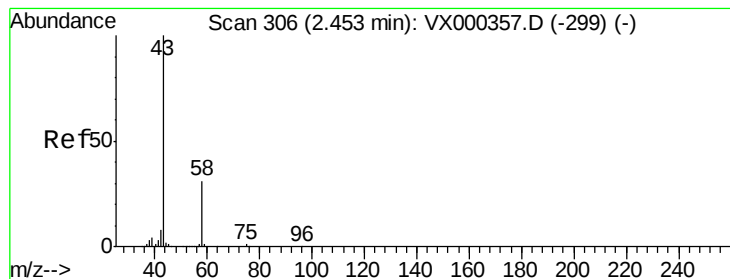
0

2.95 3.00 3.05 3.10 3.15

3.09

Time-->





#16

Acetone

Concen: 4.644 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

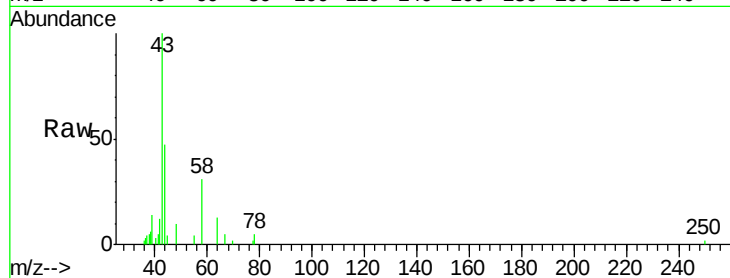
ClientSampleId :

Tot Ion: 43 Resp: 5374

Ion Ratio Lower Upper

43 100

58 32.0 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

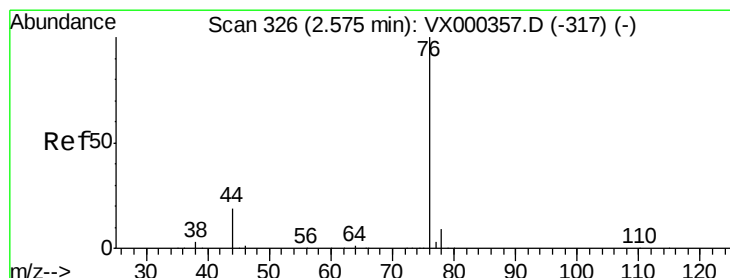
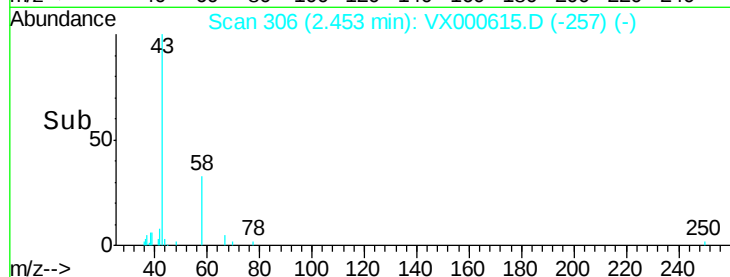
3000

2000

1000

0

Time-->



#17

Carbon Disulfide

Concen: 0.385 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX000615.D

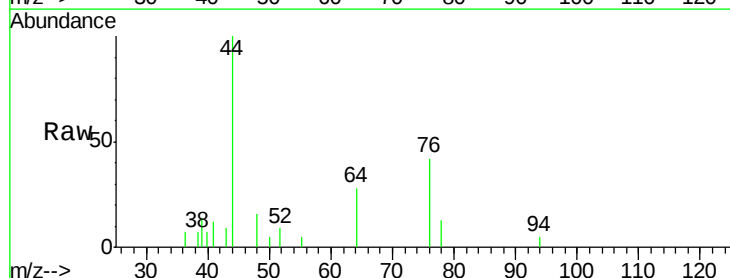
Acq: 01 Apr 2018 01:30

Tgt Ion: 76 Resp: 1136

Ion Ratio Lower Upper

76 100

78 17.4 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

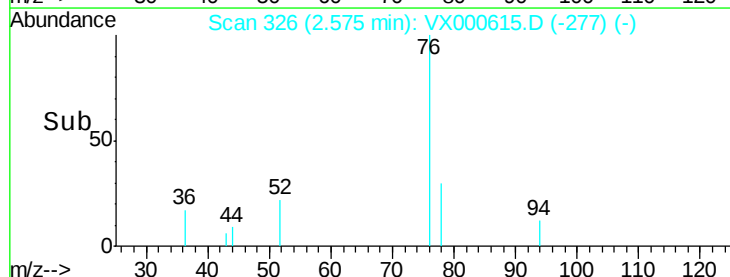
600

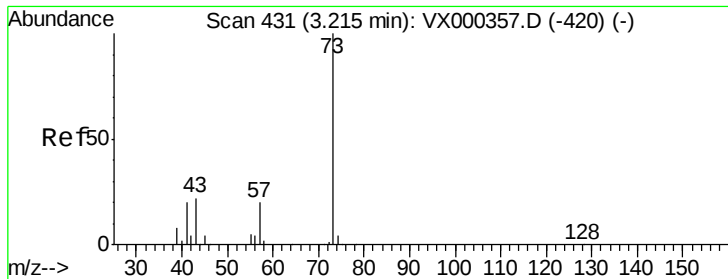
400

200

0

Time-->



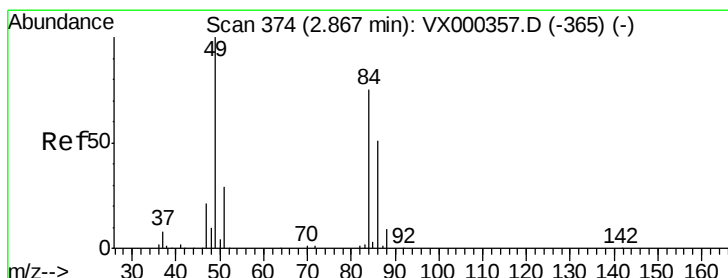
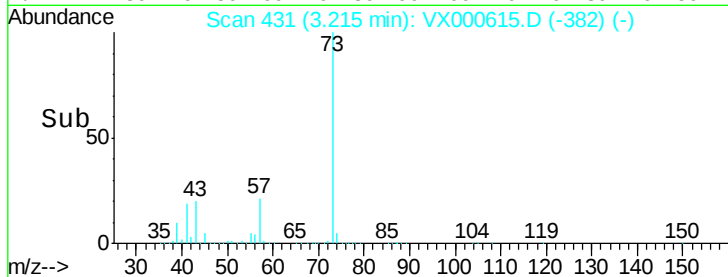
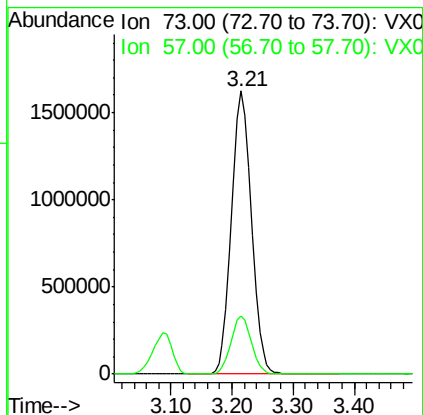
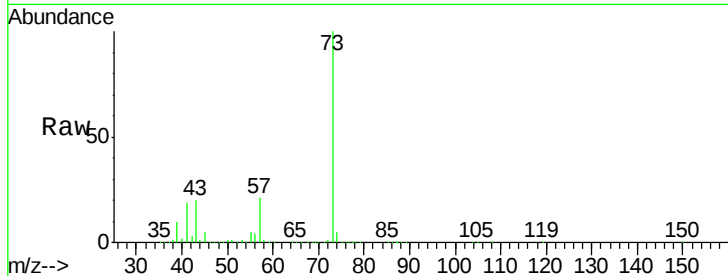


#19

Methyl tert-butyl Ether  
 Concen: 849.065 ug/l  
 RT: 3.21 min Scan# 431  
 Delta R.T. -0.00 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :

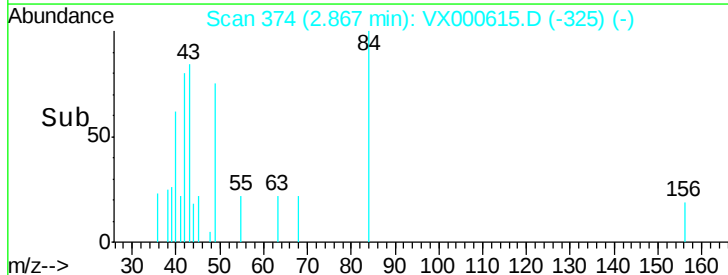
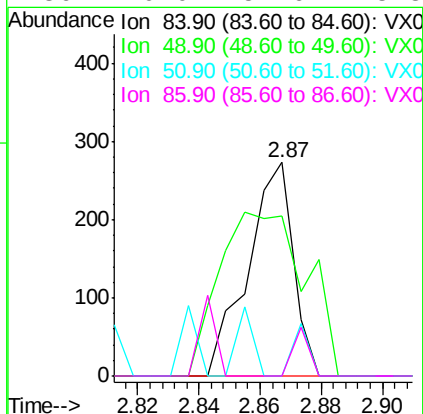
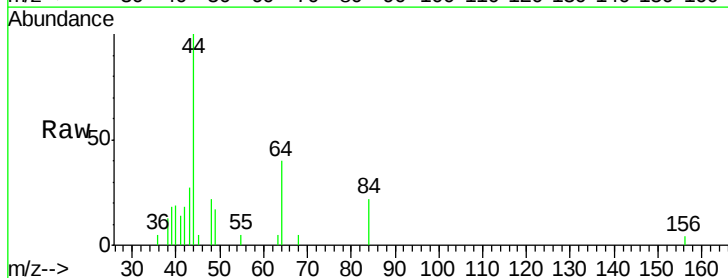
Tot Ion: 73 Resp: 3626894  
 Ion Ratio Lower Upper  
 73 100  
 57 20.7 17.2 25.8

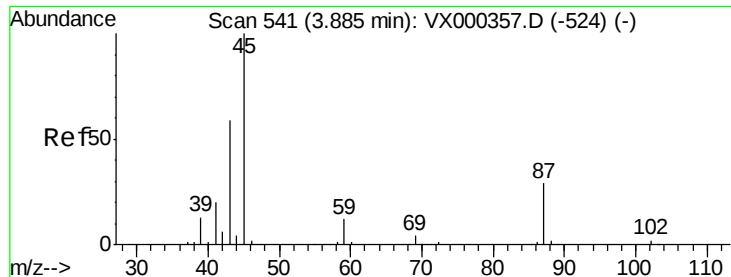


#20

Methylene Chloride  
 Concen: 0.211 ug/l  
 RT: 2.87 min Scan# 374  
 Delta R.T. -0.00 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

Tgt Ion: 84 Resp: 282  
 Ion Ratio Lower Upper  
 84 100  
 49 74.7 100.6 151.0#  
 51 0.0 31.6 47.4#  
 86 0.0 52.6 78.8#





#22

Diisopropyl ether

Concen: 0.945 ug/l

RT: 3.89 min Scan# 542

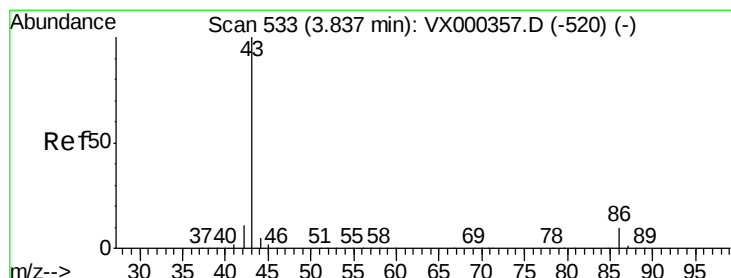
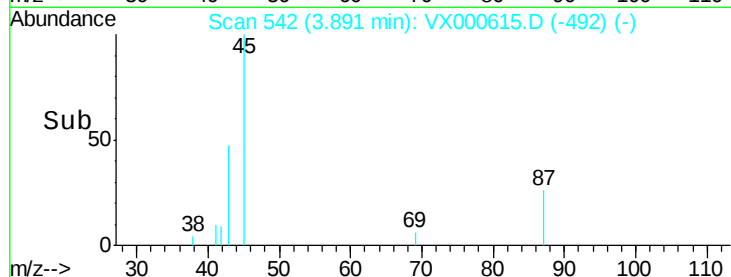
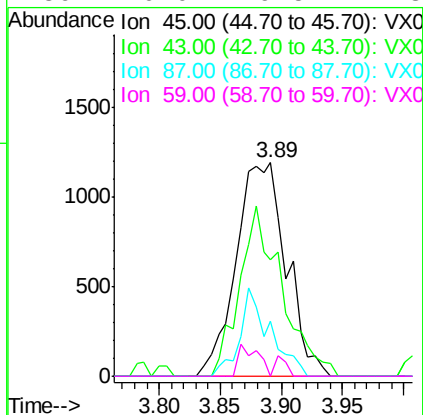
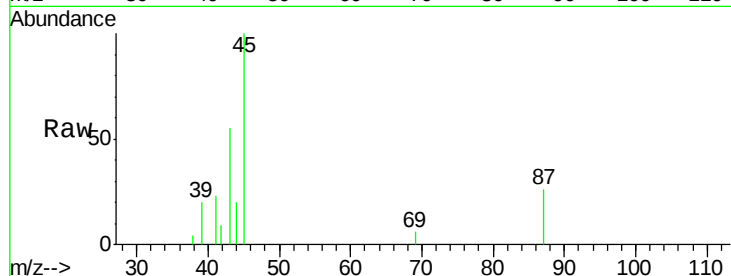
Delta R.T. 0.01 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :  
MSVOA\_X  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 45    | Resp: | 3412  |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 54.8  | 53.9  | 80.9  |
| 87       | 26.1  | 22.6  | 34.0  |
| 59       | 0.0   | 9.5   | 14.3# |



#23

Vinyl Acetate

Concen: 0.667 ug/l

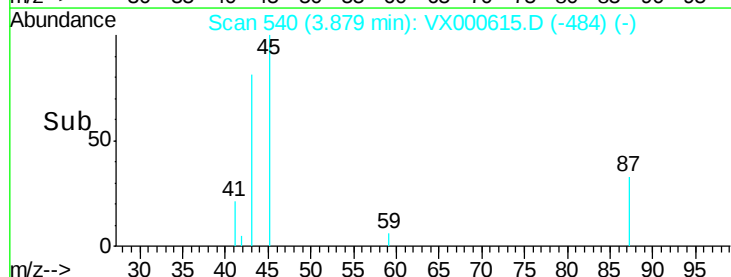
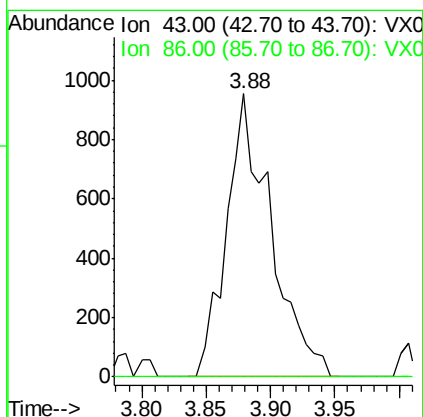
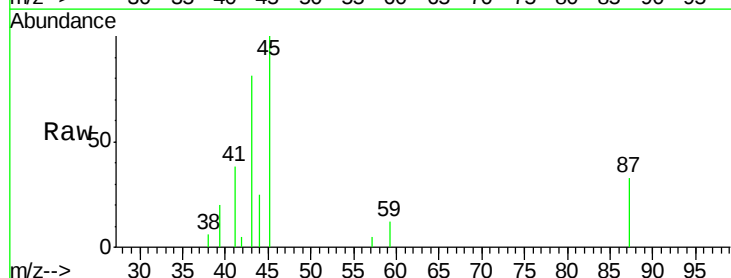
RT: 3.88 min Scan# 540

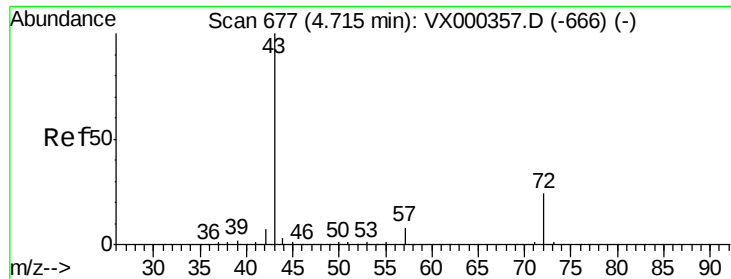
Delta R.T. 0.04 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 2283  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 86       | 0.0   | 8.6   | 12.8# |





#25

2-Butanone

Concen: 0.294 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

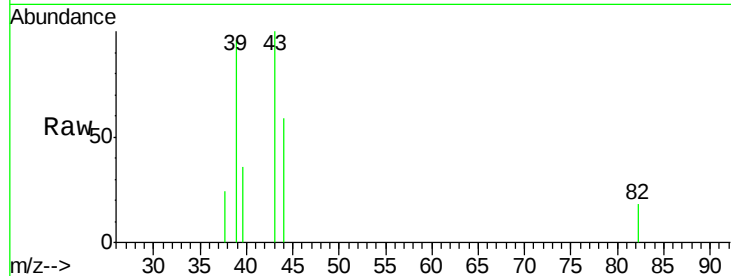
ClientSampleId :

Tot Ion: 43 Resp: 383

Ion Ratio Lower Upper

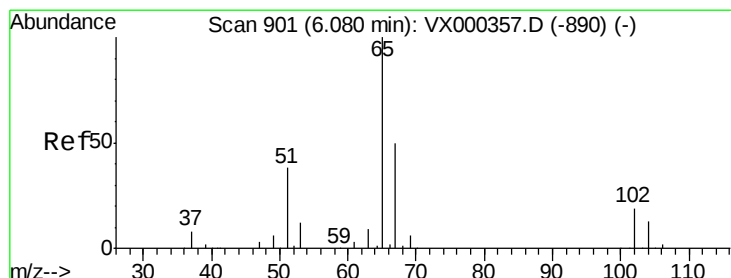
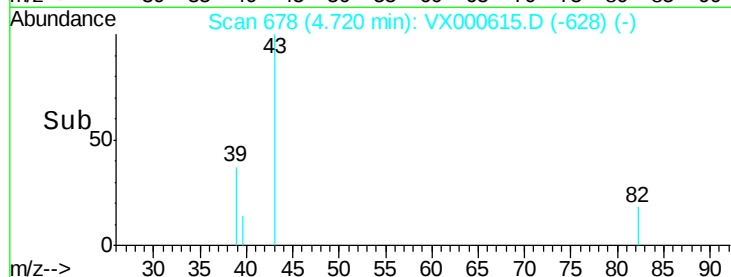
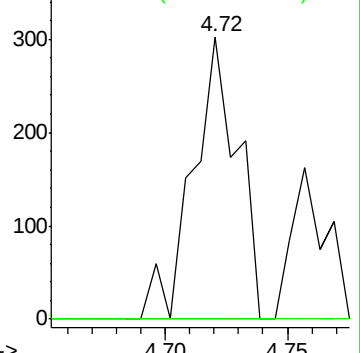
43 100

72 0.0 21.0 31.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 51.772 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000615.D

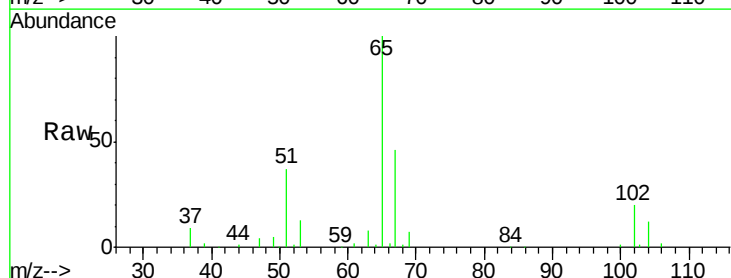
Acq: 01 Apr 2018 01:30

Tgt Ion: 65 Resp: 72012

Ion Ratio Lower Upper

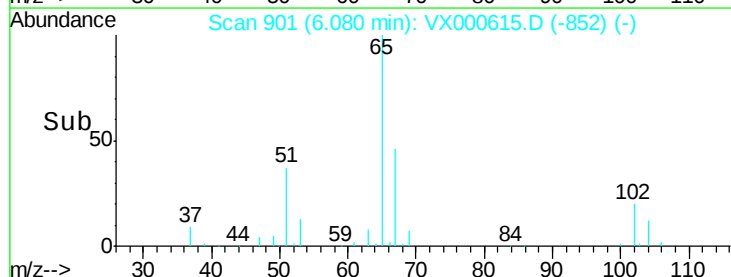
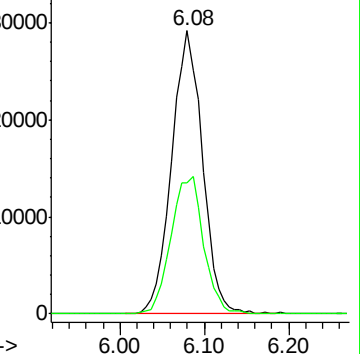
65 100

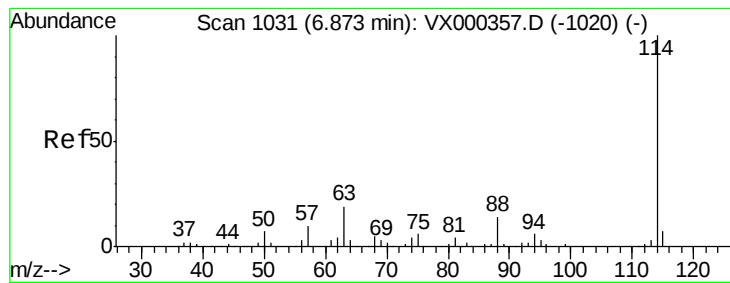
67 51.3 0.0 103.2



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# 1031

Delta R.T. -0.00 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

ClientSampleId :

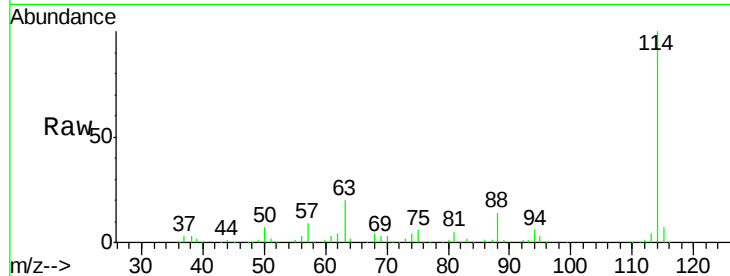
Tot Ion:114 Resp: 181229

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

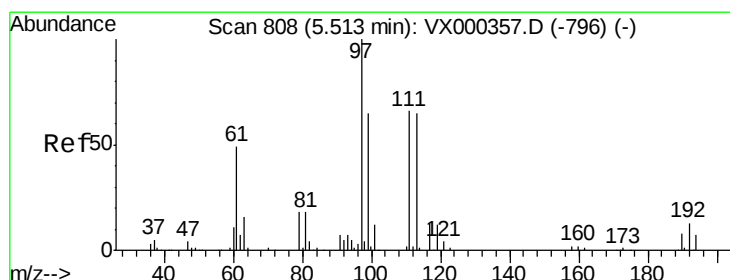
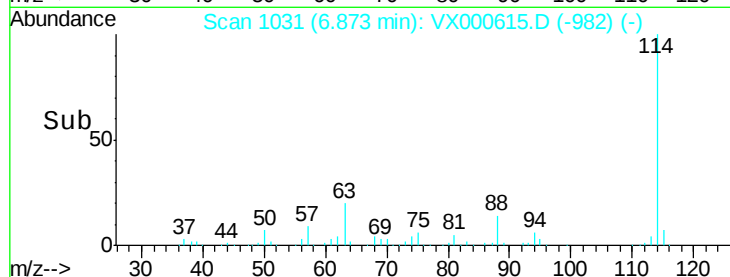
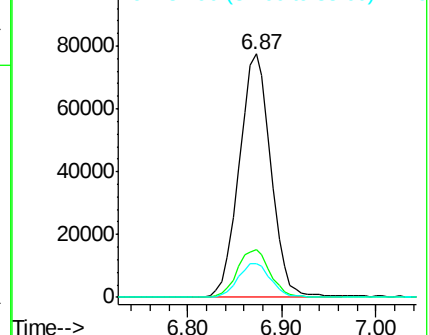
88 13.9 0.0 27.0



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: 47.889 ug/l

RT: 5.51 min Scan# 808

Delta R.T. -0.00 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

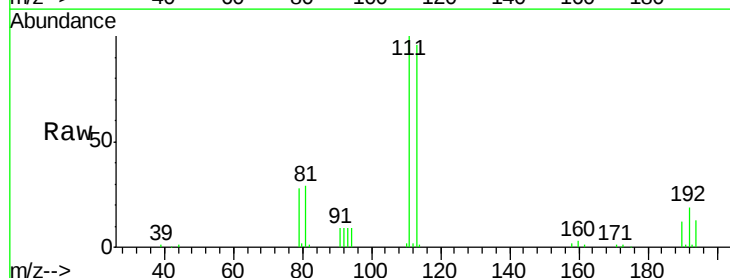
Tgt Ion:113 Resp: 54685

Ion Ratio Lower Upper

113 100

111 103.4 82.4 123.6

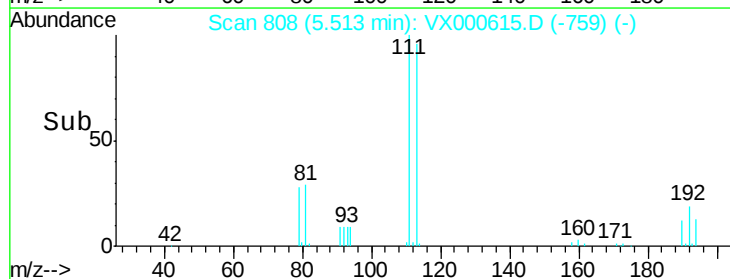
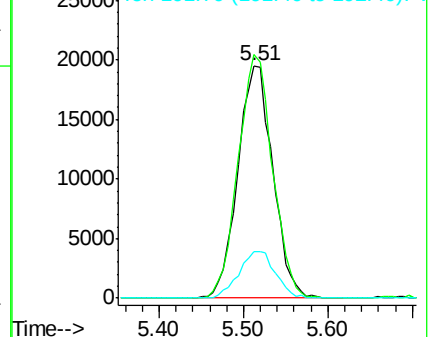
192 21.0 15.8 23.6

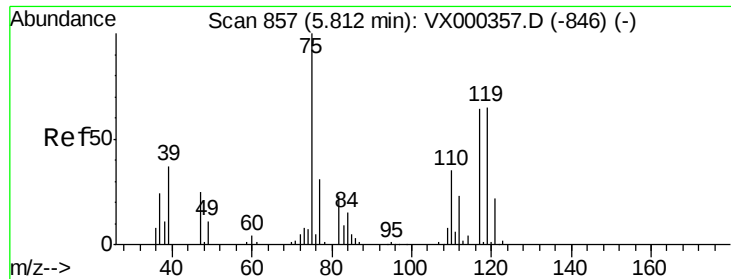


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

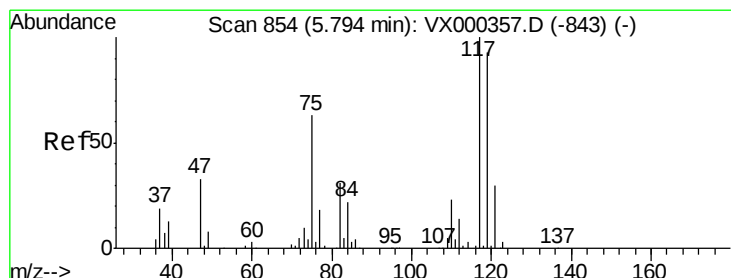
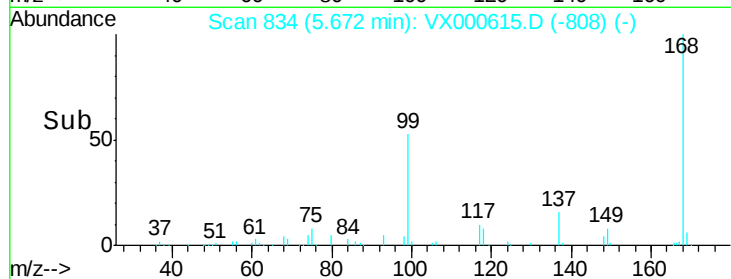
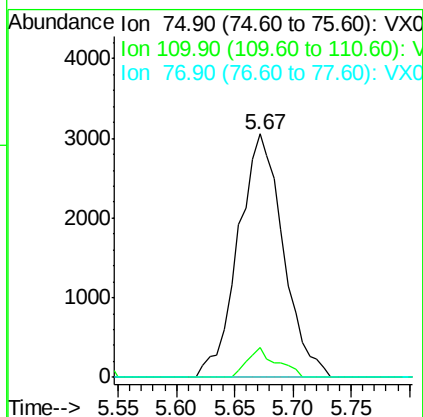
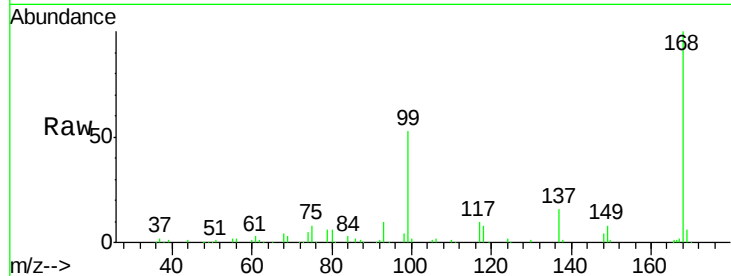




#36  
 1,1-Dichloropropene  
 Concen: 4.833 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.14 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

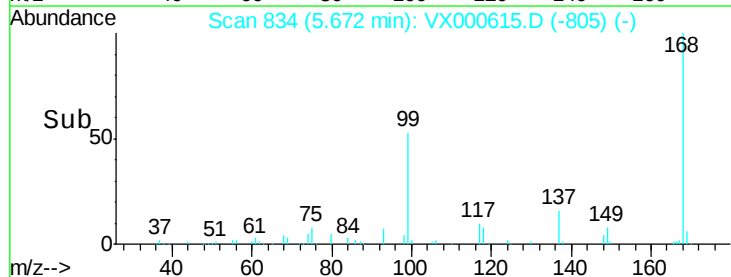
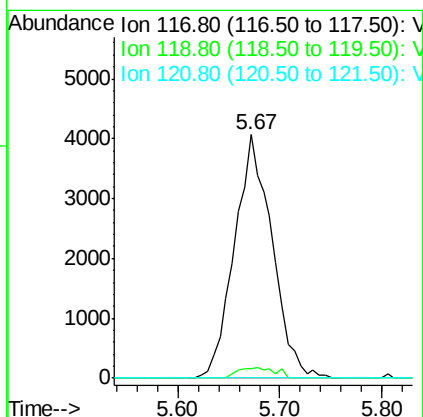
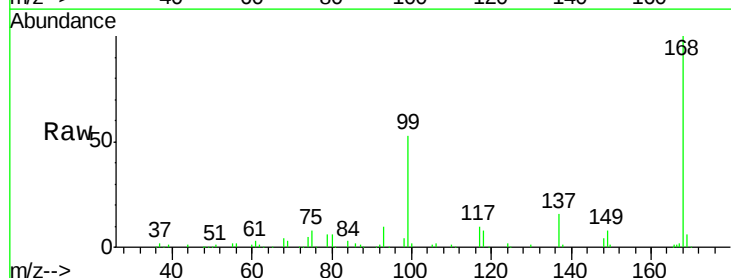
Instrument :  
 MSVOA\_X  
 ClientSampleId :

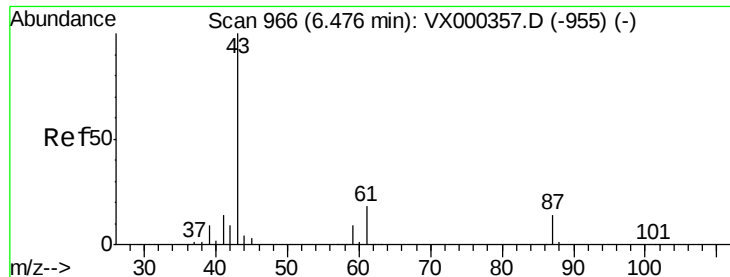
| Tot Ion   | 75  | Resp  | 8205  |
|-----------|-----|-------|-------|
| Ion Ratio | 100 | Lower | Upper |
| 75        | 100 |       |       |
| 110       | 7.9 | 17.9  | 53.7# |
| 77        | 0.0 | 24.0  | 36.0# |



#38  
 Carbon Tetrachloride  
 Concen: 5.847 ug/l  
 RT: 5.67 min Scan# 834  
 Delta R.T. -0.12 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

| Tgt Ion   | 117 | Resp  | 10413  |
|-----------|-----|-------|--------|
| Ion Ratio | 100 | Lower | Upper  |
| 117       | 100 |       |        |
| 119       | 3.7 | 77.4  | 116.2# |
| 121       | 0.0 | 24.8  | 37.2#  |



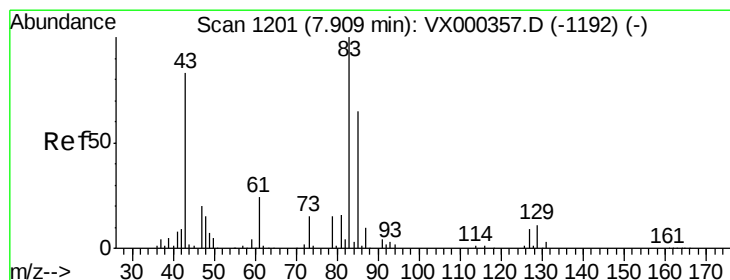
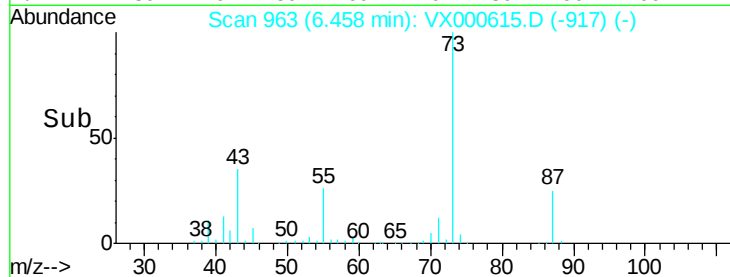
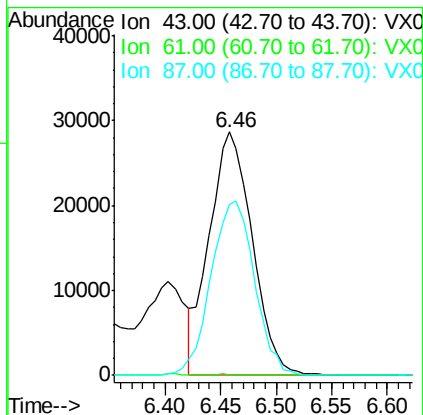
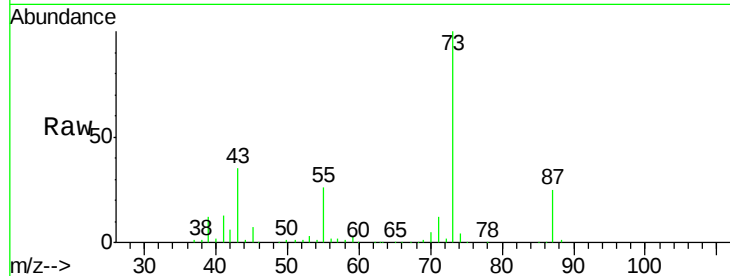


#43

Isopropyl Acetate  
 Concen: 22.255 ug/l  
 RT: 6.46 min Scan# 963  
 Delta R.T. -0.02 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

Instrument :  
 MSVOA\_X  
 ClientSampleId :

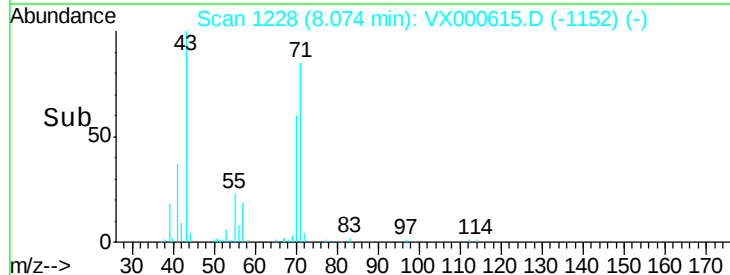
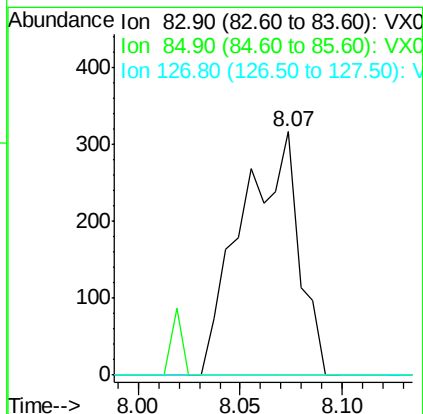
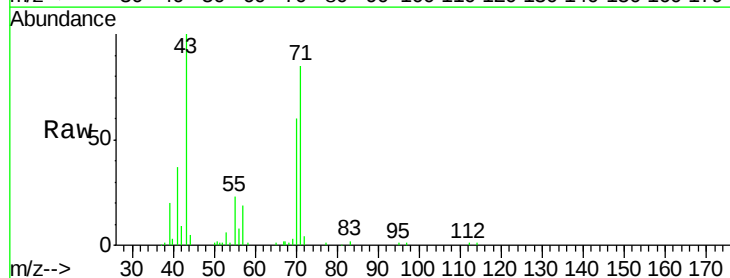
| Tot Ion | 43    | 61    | 87    |
|---------|-------|-------|-------|
| Resp    | 76817 |       |       |
| Ratio   | 100   | 0.2   | 72.4  |
| Lower   |       | 14.4  | 11.0  |
| Upper   |       | 21.6# | 16.4# |

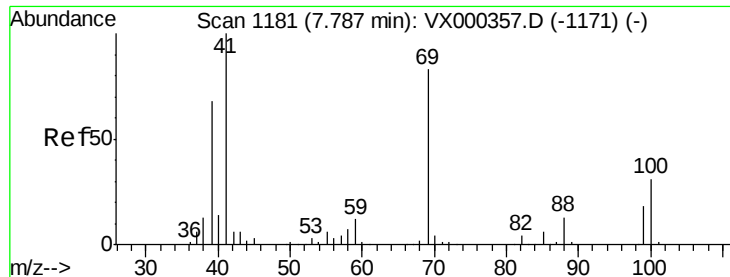


#47

Bromodichloromethane  
 Concen: 0.351 ug/l  
 RT: 8.07 min Scan# 1228  
 Delta R.T. 0.16 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

| Tgt Ion | 83  | 85    | 127   |
|---------|-----|-------|-------|
| Resp    | 611 |       |       |
| Ratio   | 100 | 0.0   | 0.0   |
| Lower   |     | 51.4  | 7.0   |
| Upper   |     | 77.0# | 10.6# |





#48

Methvl methacrylate

Concen: 1.601 ug/l

RT: 7.68 min Scan# 1164

Delta R.T. -0.10 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :  
MSVOA\_X  
ClientSampleId :

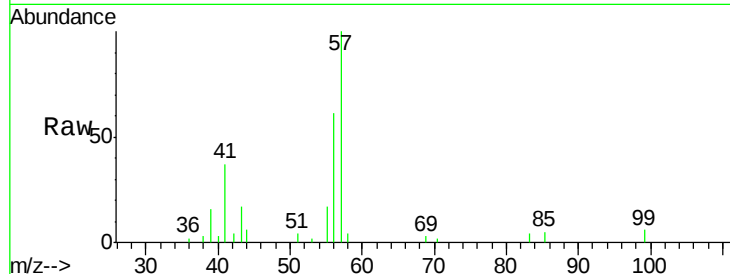
Tot Ion: 41 Resp: 2683

Ion Ratio Lower Upper

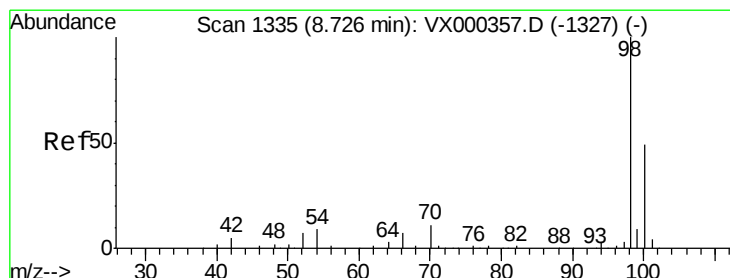
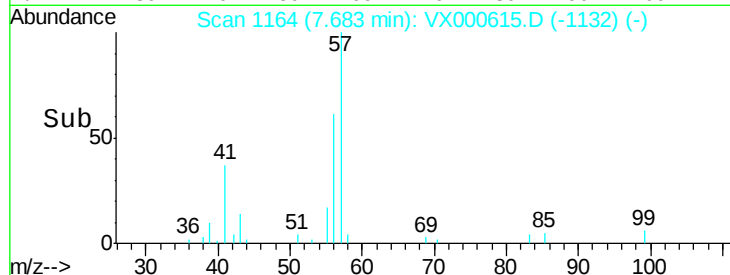
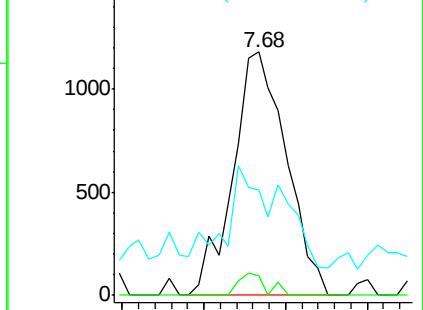
41 100

69 4.7 68.2 102.4#

39 22.4 54.6 81.8#



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



#50

Toluene-d8

Concen: 48.902 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000615.D

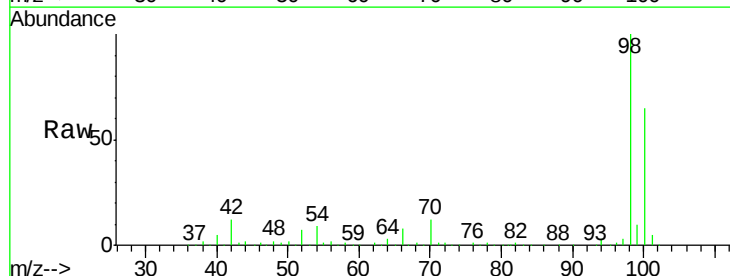
Acq: 01 Apr 2018 01:30

Tgt Ion: 98 Resp: 231271

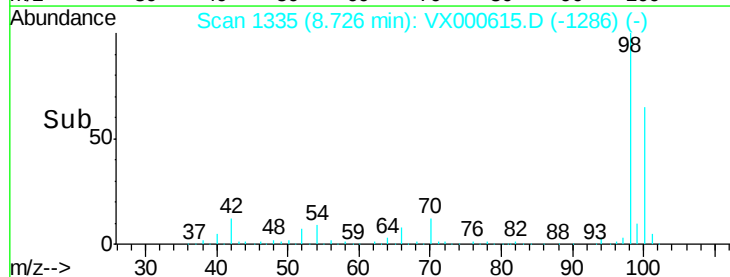
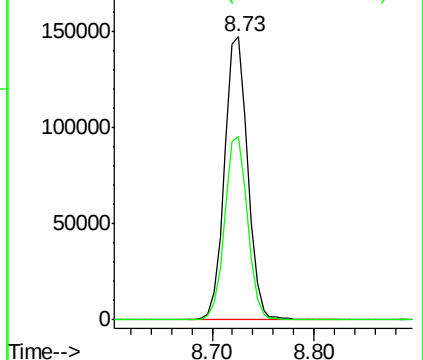
Ion Ratio Lower Upper

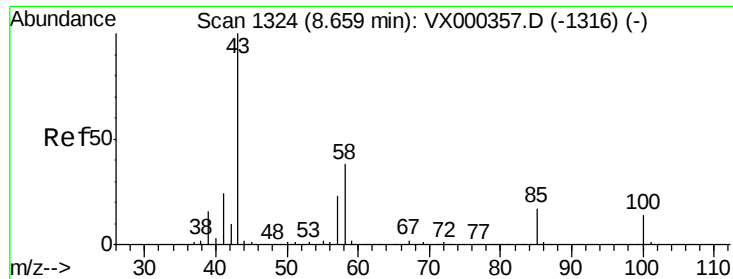
98 100

100 63.6 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 0.343 ug/l

RT: 8.68 min Scan# 1328

Delta R.T. 0.02 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

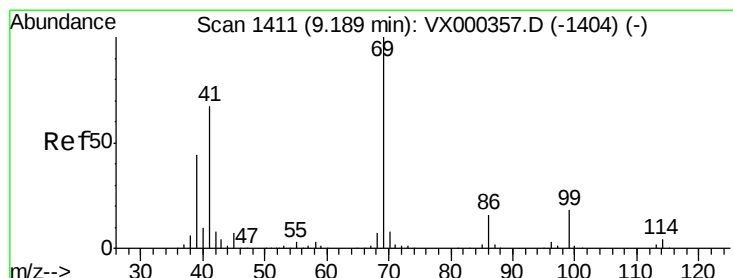
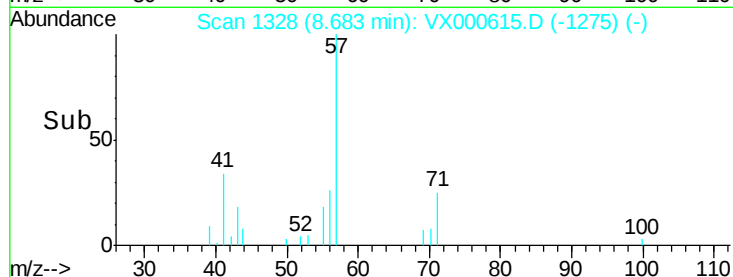
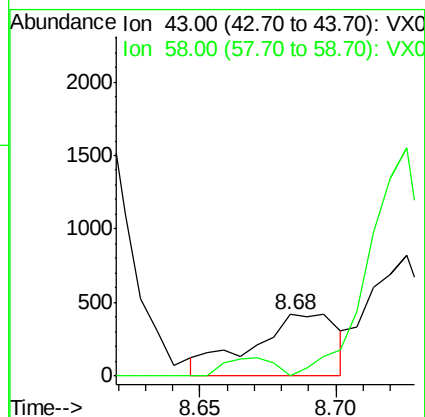
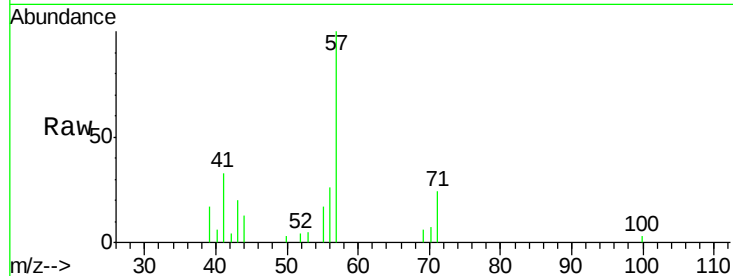
ClientSampled :

Tot Ion: 43 Resp: 917

Ion Ratio Lower Upper

43 100

58 17.1 30.3 45.5#



#56

Ethyl methacrylate

Concen: 2.014 ug/l

RT: 8.93 min Scan# 1368

Delta R.T. -0.26 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

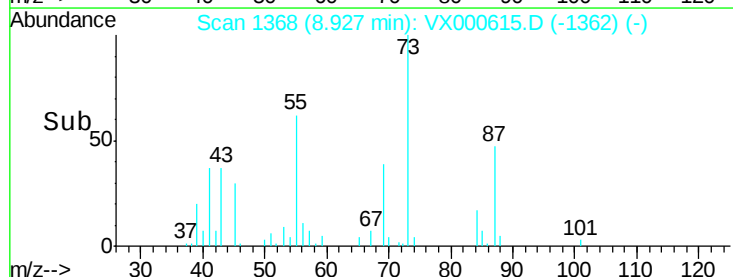
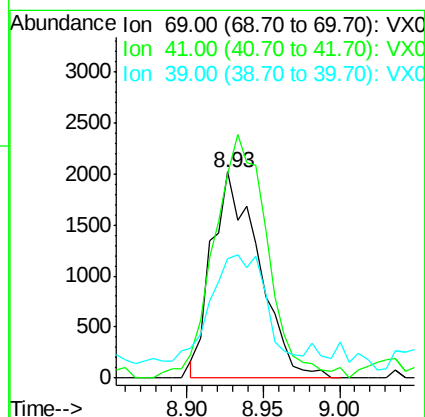
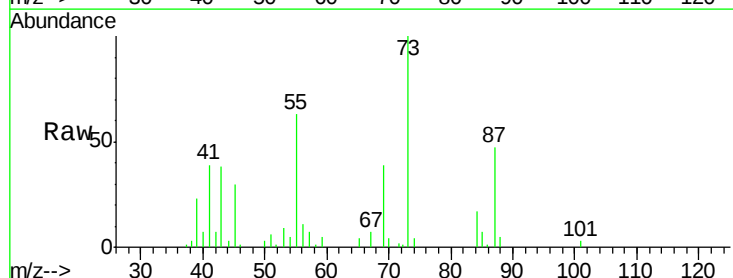
Tgt Ion: 69 Resp: 4326

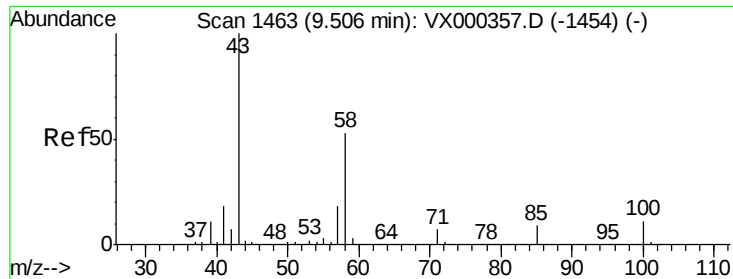
Ion Ratio Lower Upper

69 100

41 129.5 53.0 79.6#

39 50.9 35.3 52.9

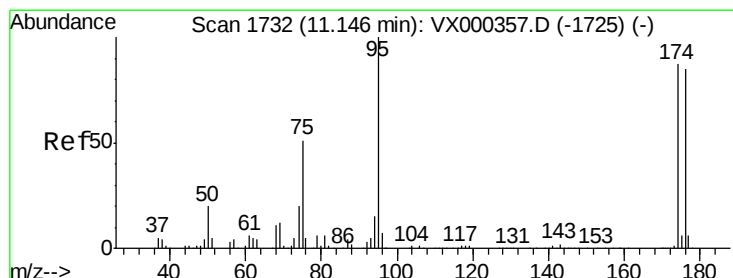
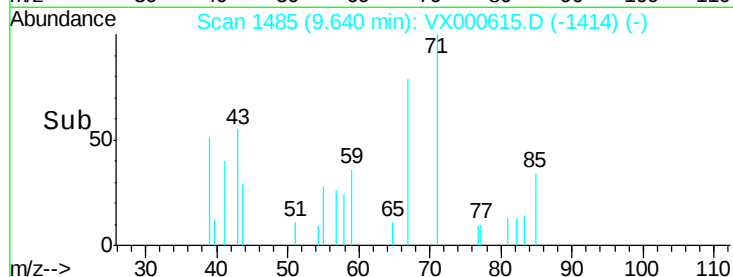
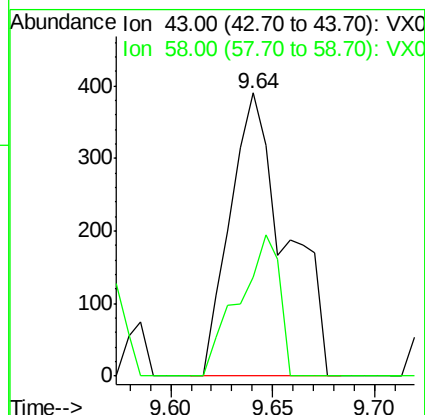
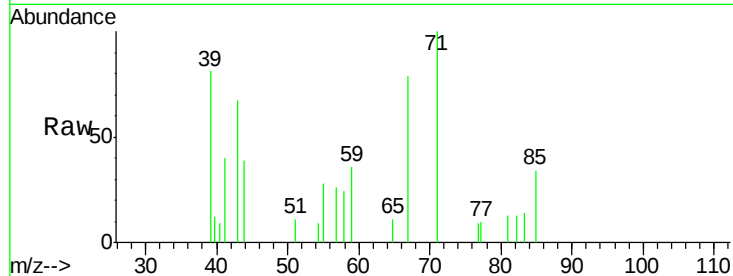




#59  
2-Hexanone  
Concen: 0.329 ug/l  
RT: 9.64 min Scan# 1485  
Delta R.T. 0.13 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

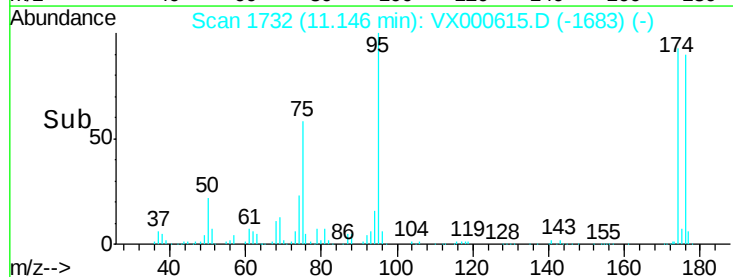
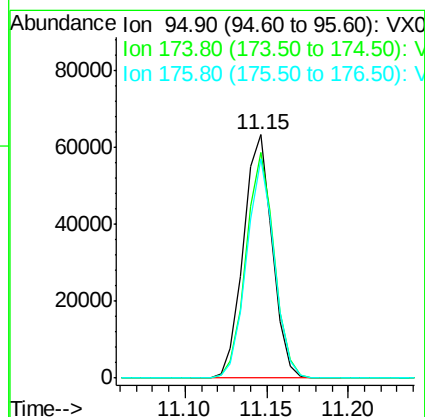
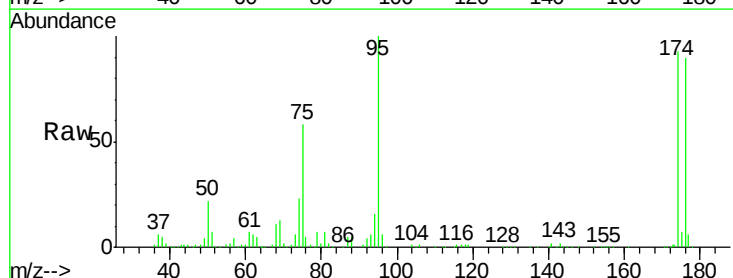
Instrument :  
MSVOA\_X  
ClientSampled :

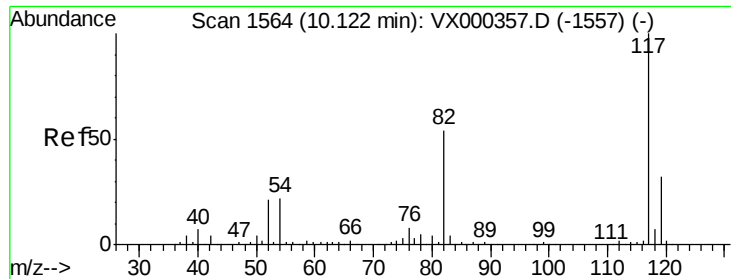
Tot Ion: 43 Resp: 746  
Ion Ratio Lower Upper  
43 100  
58 36.5 26.6 79.7



#62  
4-Bromofluorobenzene  
Concen: 40.539 ug/l  
RT: 11.15 min Scan# 1732  
Delta R.T. 0.00 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Tgt Ion: 95 Resp: 78349  
Ion Ratio Lower Upper  
95 100  
174 90.2 0.0 173.6  
176 86.3 0.0 164.6

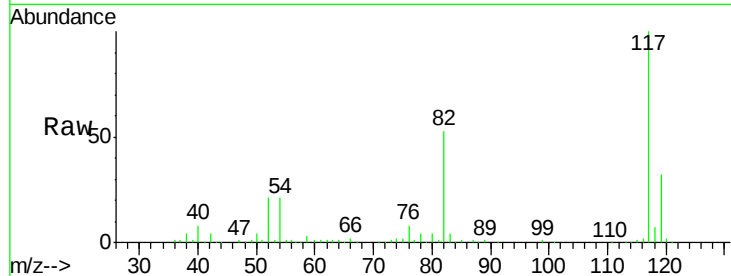




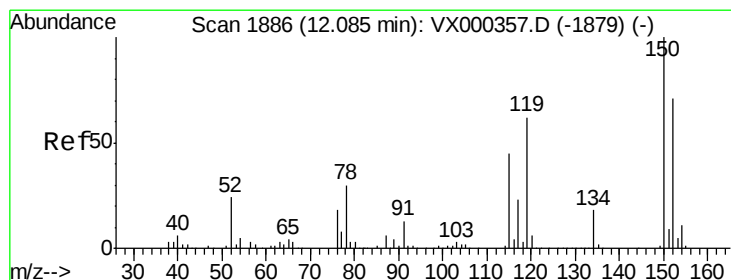
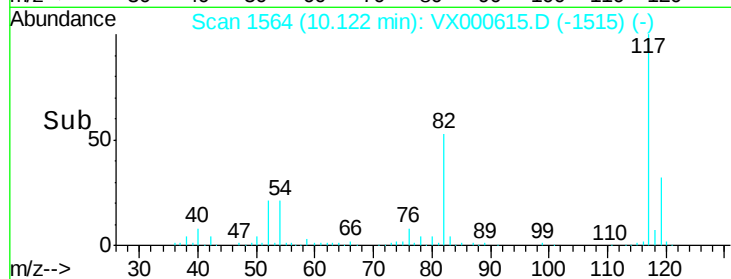
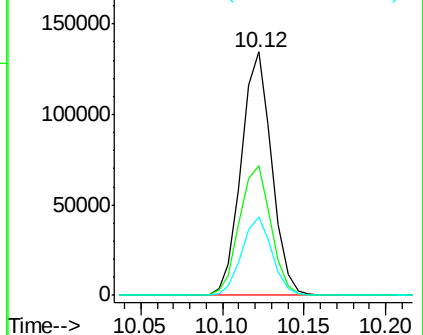
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1564  
Delta R.T. -0.00 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:117 Resp: 175749  
Ion Ratio Lower Upper  
117 100  
82 53.3 43.8 65.8  
119 32.3 24.9 37.3

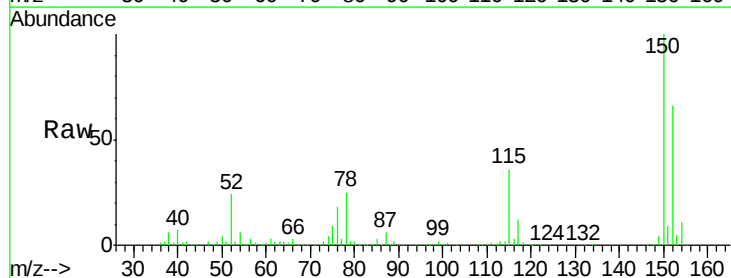


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX  
Ion 118.90 (118.60 to 119.60): V

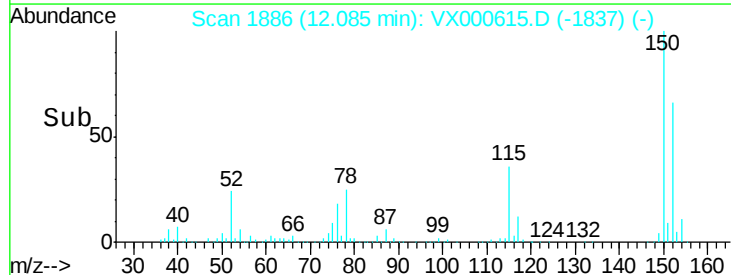
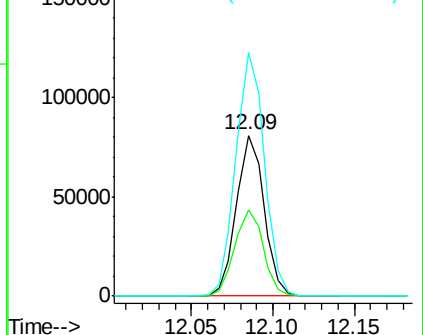


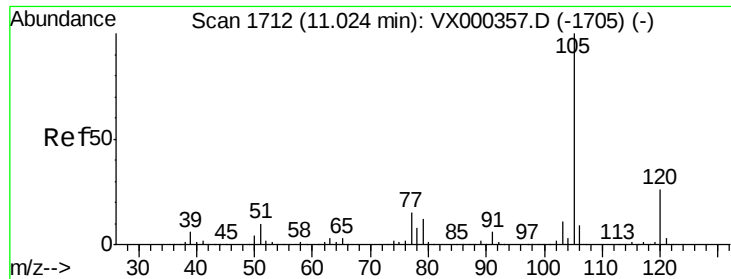
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.09 min Scan# 1886  
Delta R.T. -0.00 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Tgt Ion:152 Resp: 96025  
Ion Ratio Lower Upper  
152 100  
115 55.5 39.8 119.3  
150 156.4 0.0 344.4



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

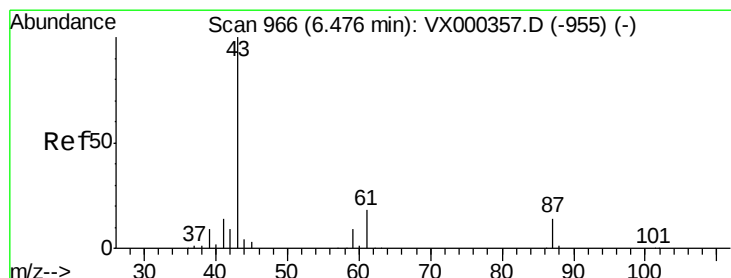
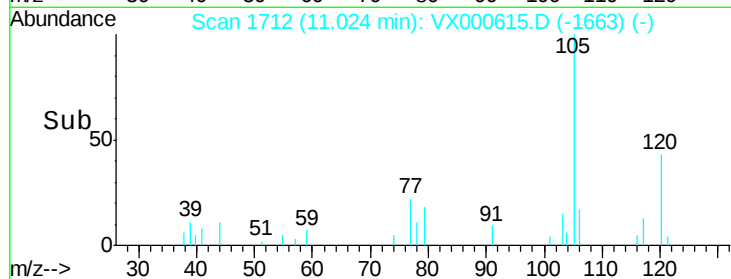
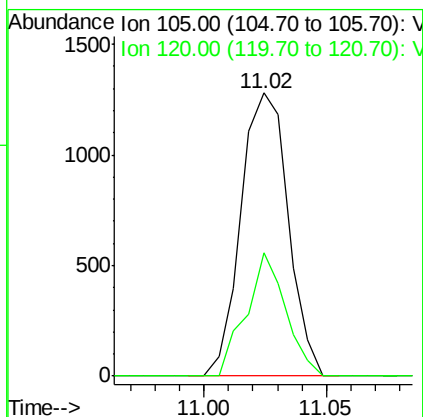
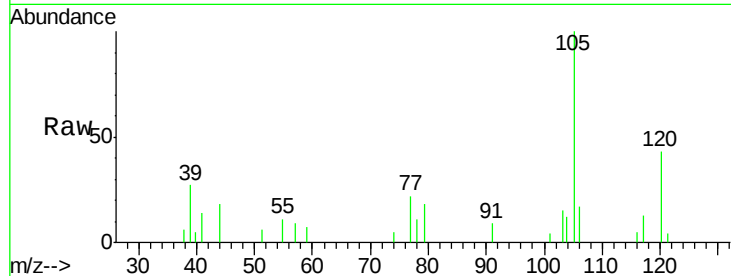




#73  
Isopropylbenzene  
Concen: 0.271 ug/l  
RT: 11.02 min Scan# 1712  
Delta R.T. -0.00 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

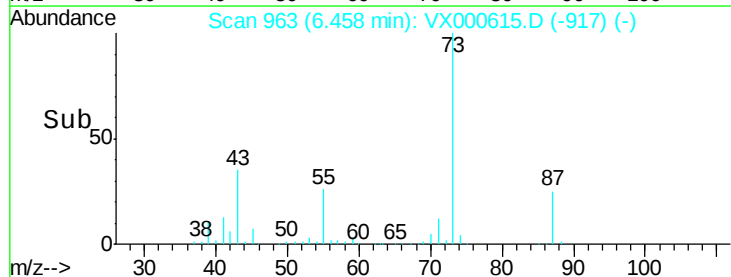
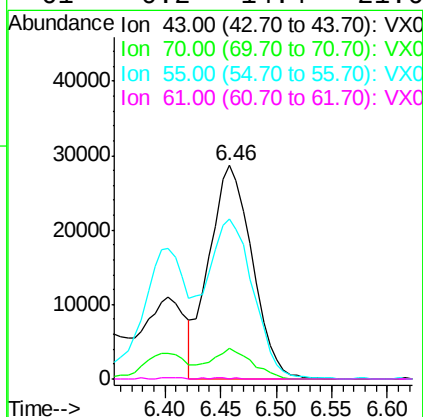
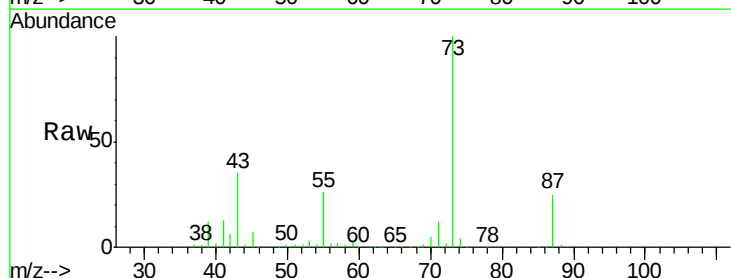
Instrument :  
MSVOA\_X  
ClientSampled :

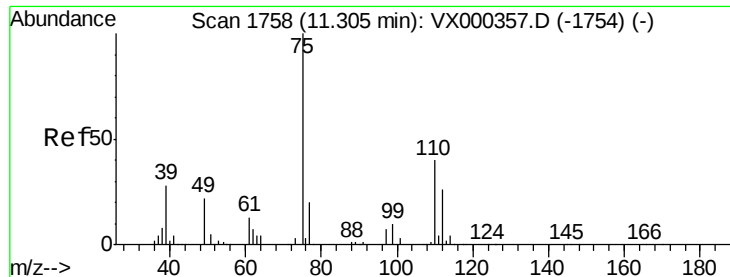
Tot Ion:105 Resp: 1724  
Ion Ratio Lower Upper  
105 100  
120 36.4 13.6 40.7



#74  
N-ethyl acetate  
Concen: 26.127 ug/l  
RT: 6.46 min Scan# 963  
Delta R.T. -0.02 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Tgt Ion: 43 Resp: 76817  
Ion Ratio Lower Upper  
43 100  
70 13.6 0.0 0.0#  
55 77.0 0.0 0.0#  
61 0.2 14.4 21.6#





#76

1,2,3-Trichloropropane

Concen: 22.554 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

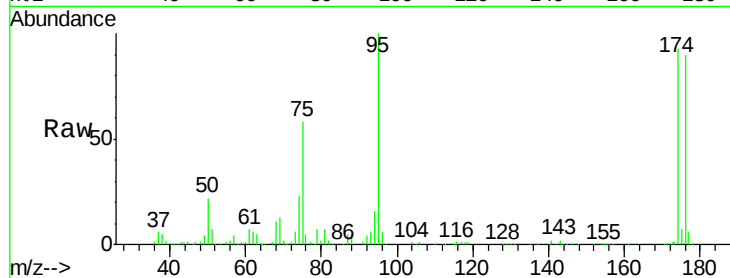
ClientSampleId :

Tot Ion: 75 Resp: 46544

Ion Ratio Lower Upper

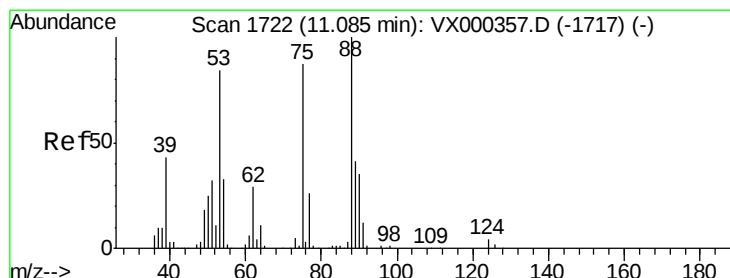
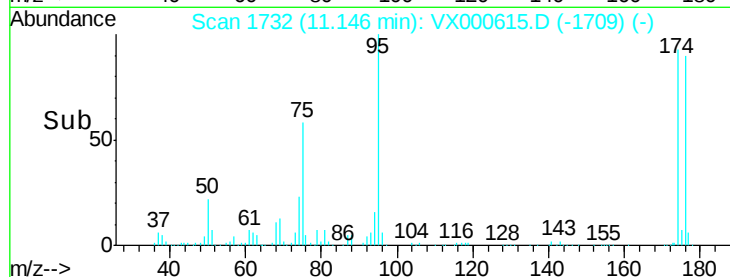
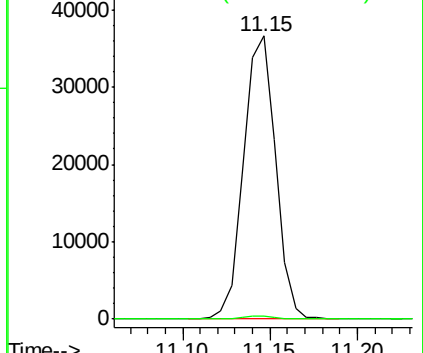
75 100

77 1.1 21.4 64.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 73.020 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

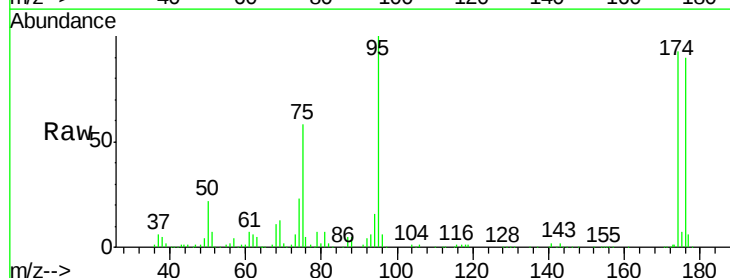
Tgt Ion: 75 Resp: 46544

Ion Ratio Lower Upper

75 100

53 0.3 80.7 121.1#

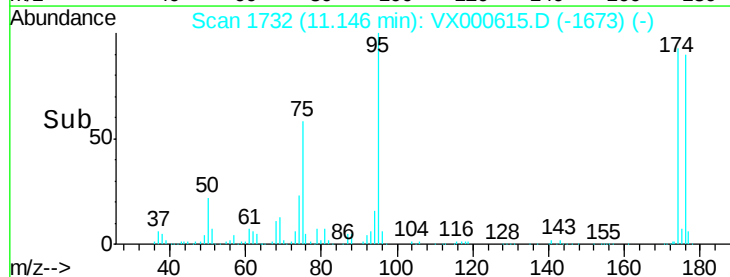
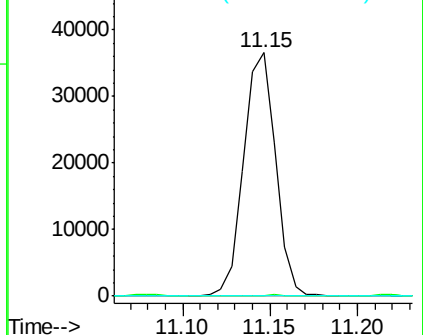
89 0.1 39.4 59.0#

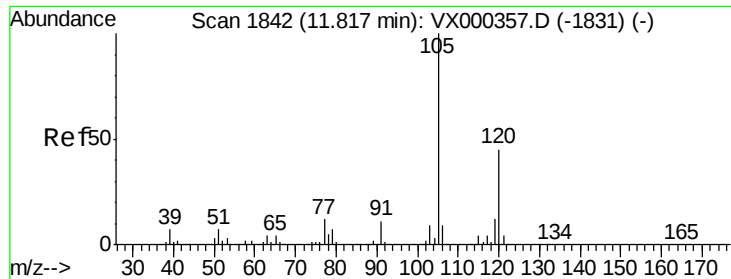


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

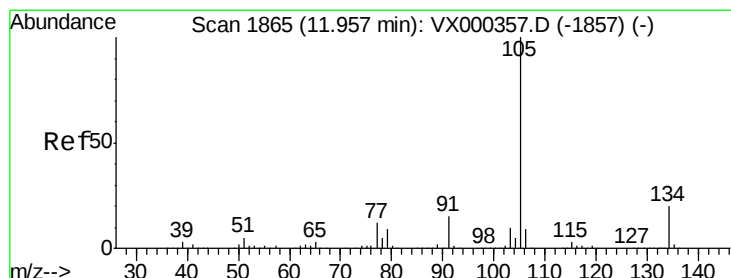
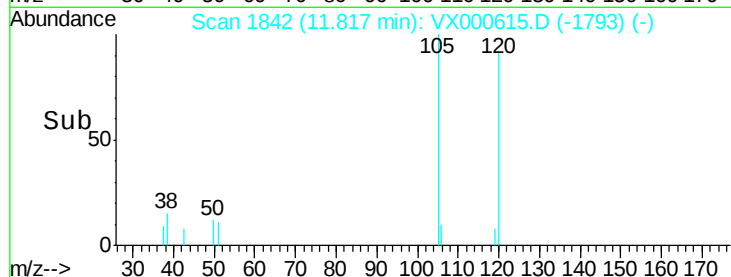
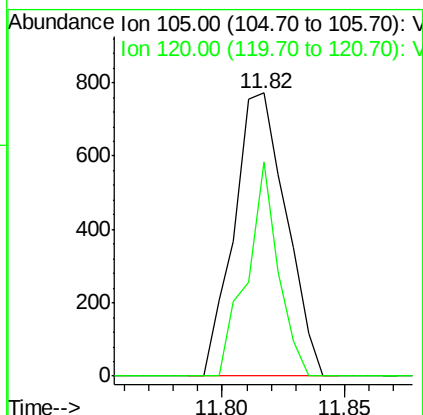
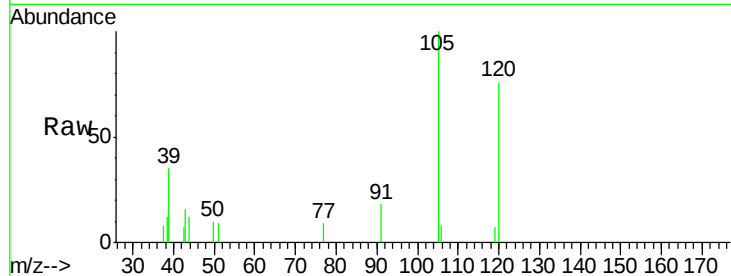




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.203 ug/l  
 RT: 11.82 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

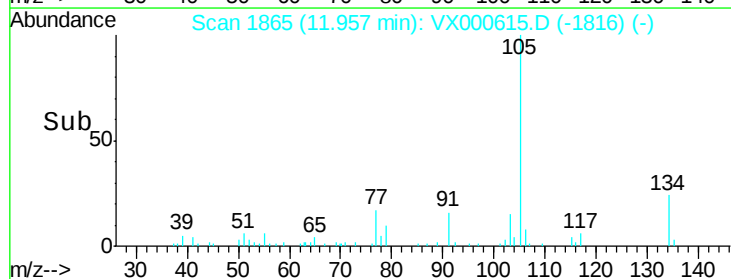
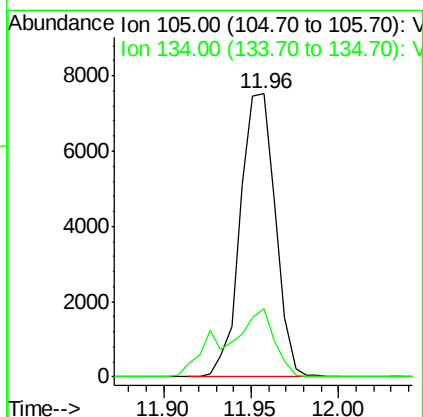
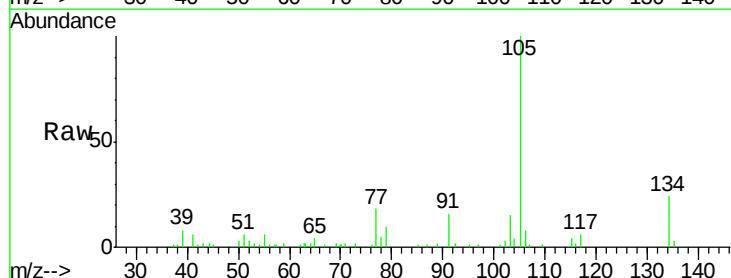
Instrument :  
 MSVOA\_X  
 ClientSampled :

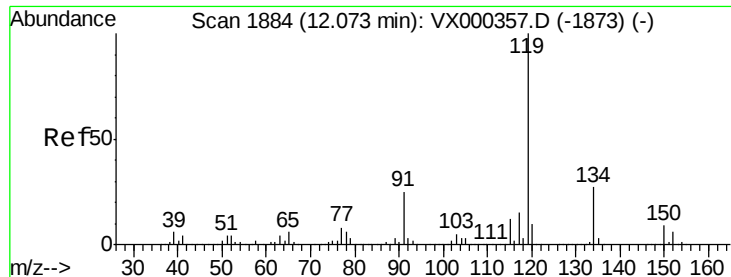
Tot Ion:105 Resp: 1141  
 Ion Ratio Lower Upper  
 105 100  
 120 45.7 22.4 67.3



#85  
 sec-Butylbenzene  
 Concen: 1.571 ug/l  
 RT: 11.96 min Scan# 1865  
 Delta R.T. -0.00 min  
 Lab File: VX000615.D  
 Acq: 01 Apr 2018 01:30

Tgt Ion:105 Resp: 10491  
 Ion Ratio Lower Upper  
 105 100  
 134 24.1 10.3 30.8

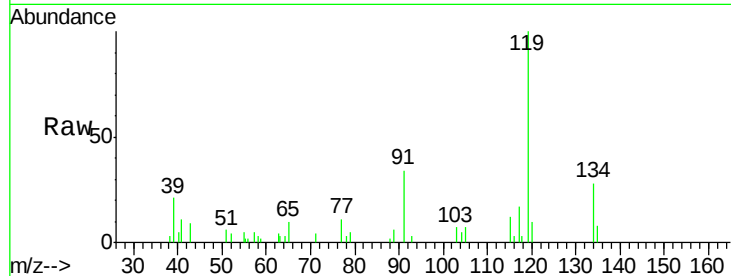




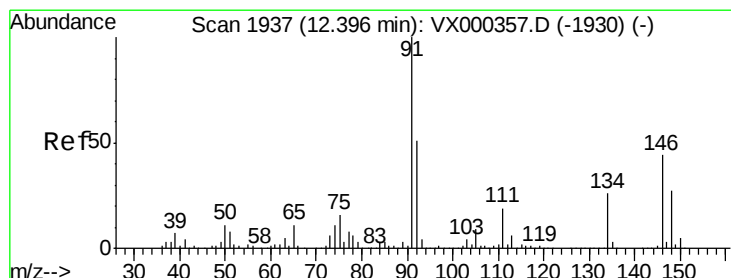
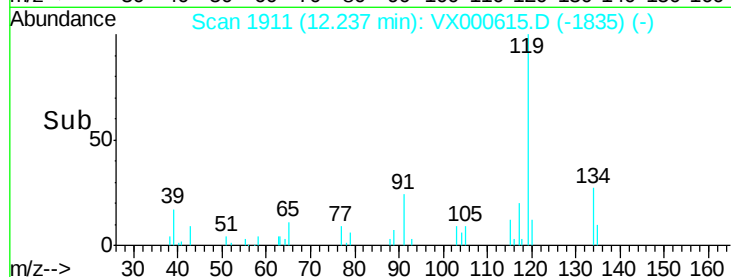
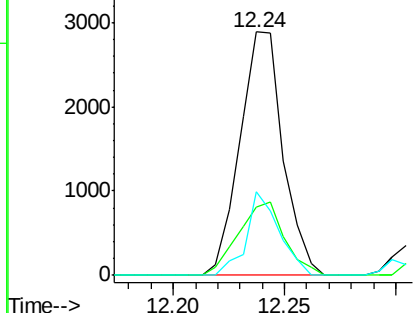
#86  
p-Isopropyltoluene  
Concen: 0.657 ug/l  
RT: 12.24 min Scan# 1911  
Delta R.T. 0.16 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 32.2  | 13.3  | 39.9  |
| 91      | 26.0  | 12.0  | 36.1  |

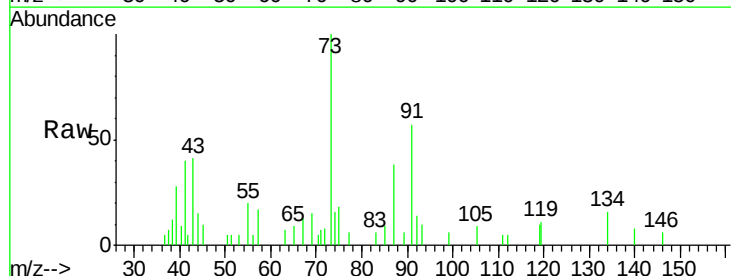


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 134.00 (133.70 to 134.70): V  
Ion 91.00 (90.70 to 91.70): V

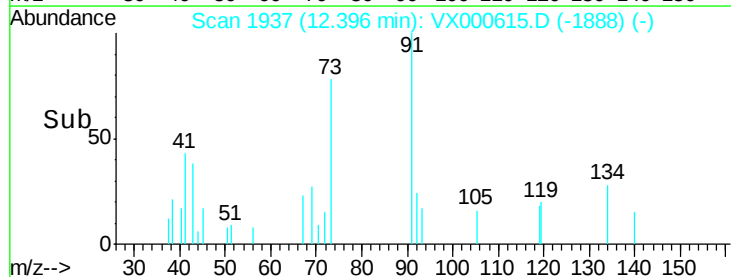
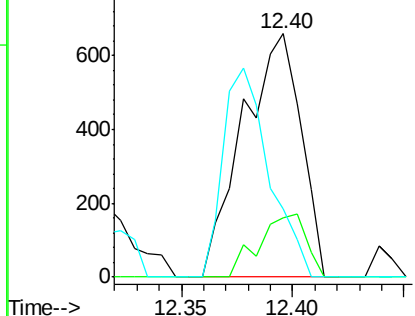


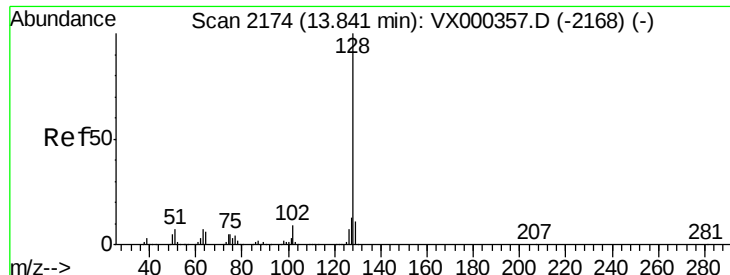
#89  
n-Butylbenzene  
Concen: 0.217 ug/l  
RT: 12.40 min Scan# 1937  
Delta R.T. -0.00 min  
Lab File: VX000615.D  
Acq: 01 Apr 2018 01:30

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 20.8  | 25.9  | 77.8# |
| 134     | 0.0   | 13.1  | 39.3# |



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 92.00 (91.70 to 92.70): VX0  
Ion 134.00 (133.70 to 134.70): V





#95

Naphthalene

Concen: 0.332 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. 0.01 min

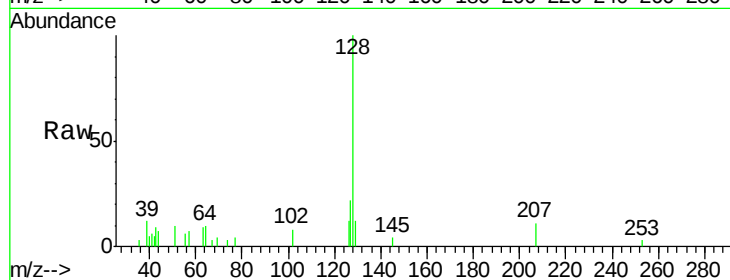
Lab File: VX000615.D

Acq: 01 Apr 2018 01:30

Instrument :

MSVOA\_X

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 128   | Resp: | 2602  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 11.5  | 10.6  | 15.8  |
| 129      | 13.6  | 8.9   | 13.3# |

