

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX030719\  
 Data File : VX007913.D  
 Acq On : 08 Mar 2019 05:10  
 Operator : JC/SP  
 Sample : K1760-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z2-10

Quant Time: Mar 08 08:23:17 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 08 06:16:52 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 281124   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 439418   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 429072   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 209173   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07  | 65   | 156735   | 52.85 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 105.70% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 143854   | 51.18 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 102.36% |          |
| 50) Toluene-d8              | 8.71  | 98   | 549863   | 53.27 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 106.54% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 202723   | 56.01 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 112.02% |          |

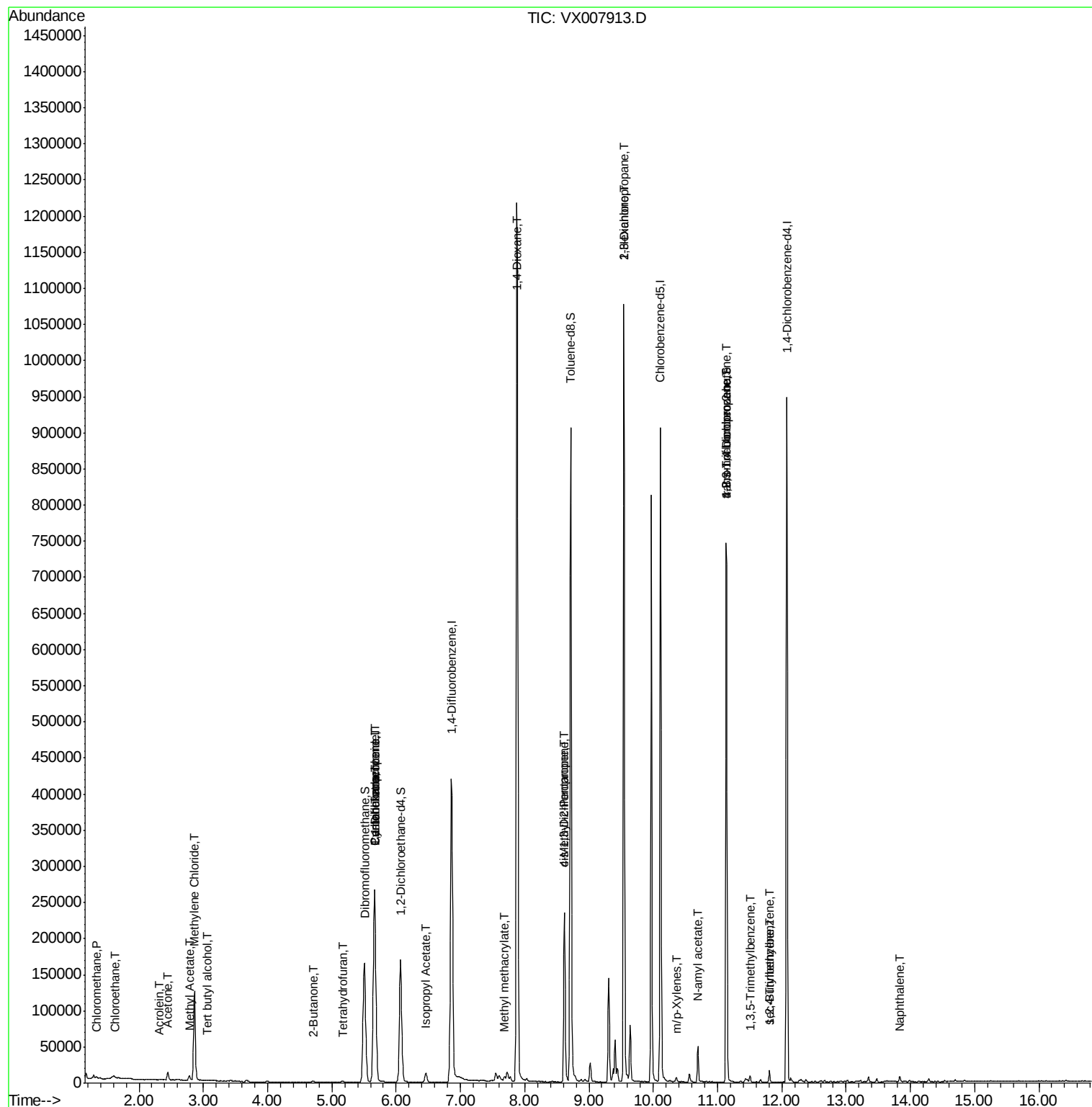
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 3) Chloromethane               | 1.33  | 50   | 890      | 0.288     | ug/l   | 91     |
| 5) Bromomethane                | 1.65  | 94   | 89       | Below Cal |        | 88     |
| 6) Chloroethane                | 1.63  | 64   | 515      | 0.252     | ug/l # | 54     |
| 11) Tert butyl alcohol         | 3.07  | 59   | 513      | 0.774     | ug/l   | 95     |
| 13) Acrolein                   | 2.31  | 56   | 20       | 1.594     | ug/l # | 1      |
| 16) Acetone                    | 2.45  | 43   | 11793    | 6.870     | ug/l   | 99     |
| 17) Carbon Disulfide           | 2.57  | 76   | 849      | Below Cal | #      | 62     |
| 18) Methyl Acetate             | 2.78  | 43   | 9047     | 2.481     | ug/l   | 98     |
| 20) Methylene Chloride         | 2.86  | 84   | 56501    | 20.682    | ug/l   | 98     |
| 25) 2-Butanone                 | 4.71  | 43   | 2379     | 0.979     | ug/l   | 92     |
| 29) Tetrahydrofuran            | 5.16  | 42   | 1034     | 0.682     | ug/l # | 83     |
| 31) Cyclohexane                | 5.66  | 56   | 4364     | 0.958     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 17836    | 4.483     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.67  | 117  | 24328    | 6.440     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 6.46  | 43   | 15769    | 2.257     | ug/l   | 99     |
| 48) Methyl methacrylate        | 7.68  | 41   | 8038     | 2.188     | ug/l # | 16     |
| 49) 1,4-Dioxane                | 7.87  | 88   | 187      | 2.478     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 76228    | 16.962    | ug/l # | 50     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 37522    | 8.481     | ug/l # | 60     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 8478     | 1.725     | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43   | 123984   | 35.536    | ug/l # | 50     |
| 68) m/p-Xylenes                | 10.36 | 106  | 1492     | 0.262     | ug/l   | 93     |
| 74) N-amyl acetate             | 10.69 | 43   | 11270    | 1.745     | ug/l # | 53     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 92717    | 21.123    | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 4050     | 0.348     | ug/l   | 95     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 92717    | 67.521    | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 7318     | 0.613     | ug/l   | 94     |
| 85) sec-Butylbenzene           | 11.80 | 105  | 7318     | 0.530     | ug/l # | 55     |
| 95) Naphthalene                | 13.83 | 128  | 5131     | 0.372     | ug/l # | 95     |

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

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Instrument :  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X030619W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 08 06:16:52 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampled :

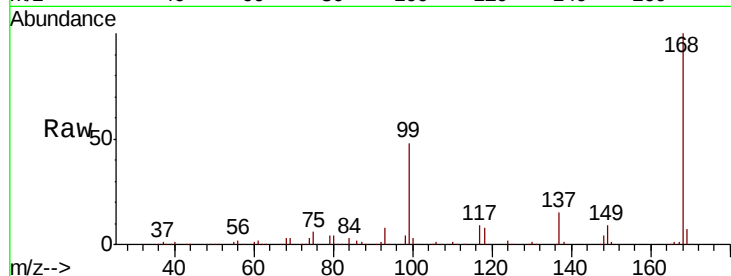
Z2-10

Tgt Ion:168 Resp: 281124

Ion Ratio Lower Upper

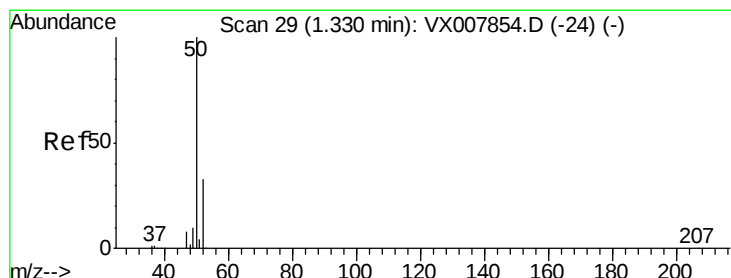
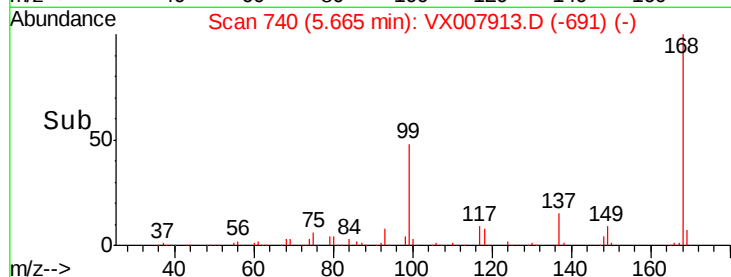
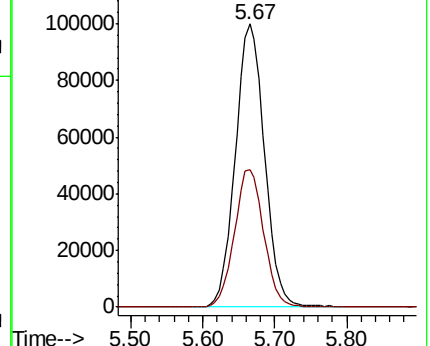
168 100

99 48.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.288 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007913.D

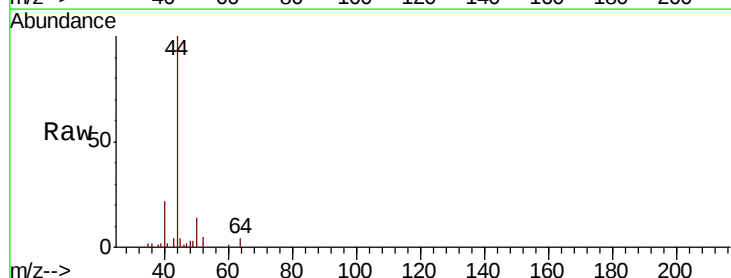
Acq: 08 Mar 2019 05:10

Tgt Ion: 50 Resp: 890

Ion Ratio Lower Upper

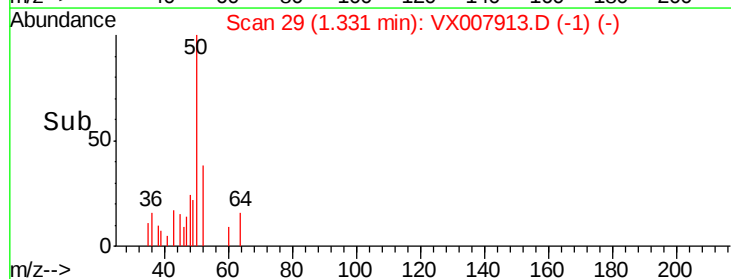
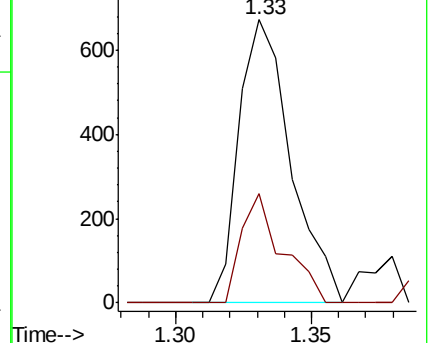
50 100

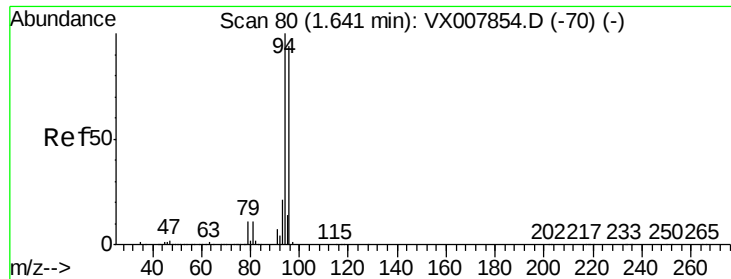
52 38.4 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampled :

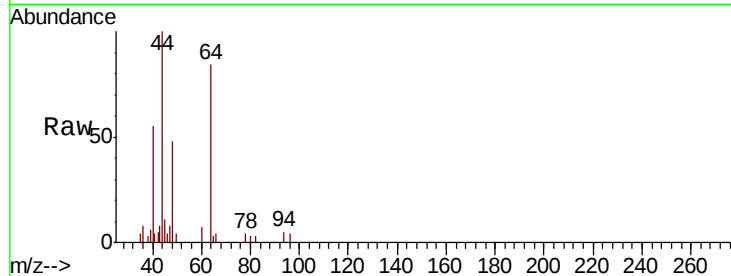
Z2-10

Tgt Ion: 94 Resp: 89

Ion Ratio Lower Upper

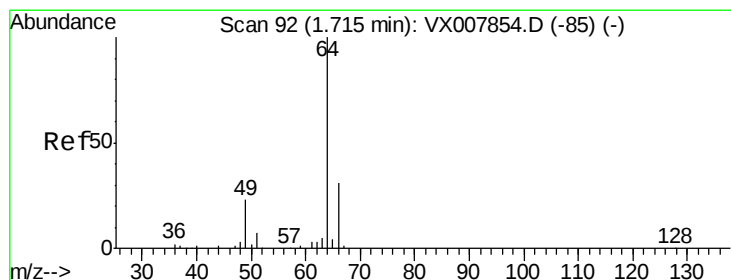
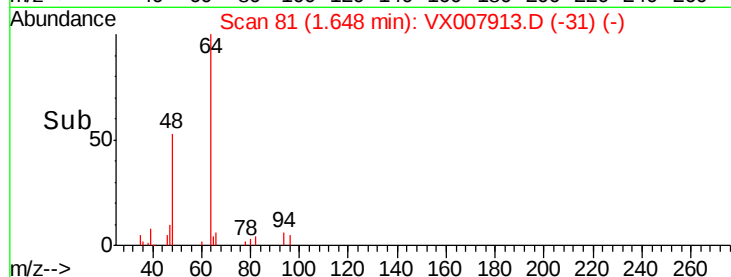
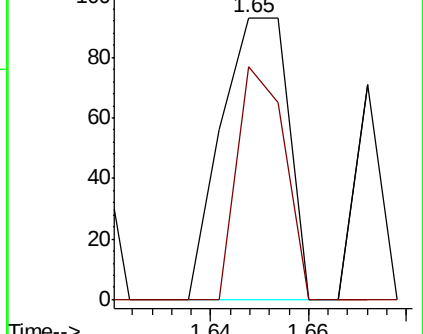
94 100

96 82.8 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.252 ug/l

RT: 1.63 min Scan# 78

Delta R.T. -0.09 min

Lab File: VX007913.D

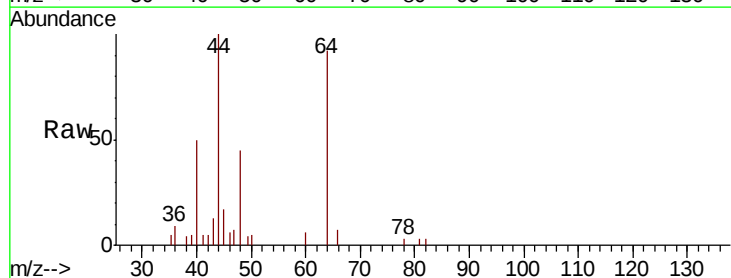
Acq: 08 Mar 2019 05:10

Tgt Ion: 64 Resp: 515

Ion Ratio Lower Upper

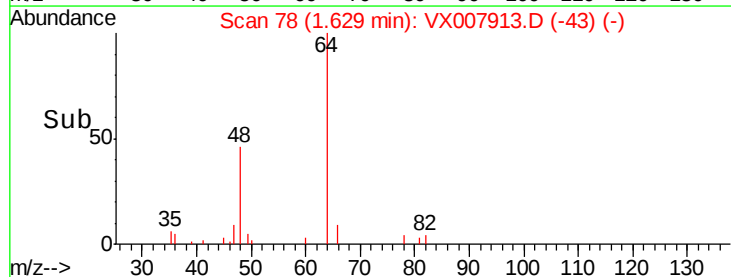
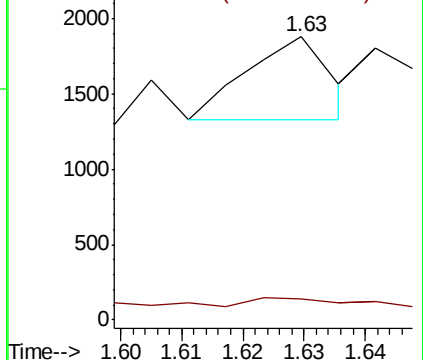
64 100

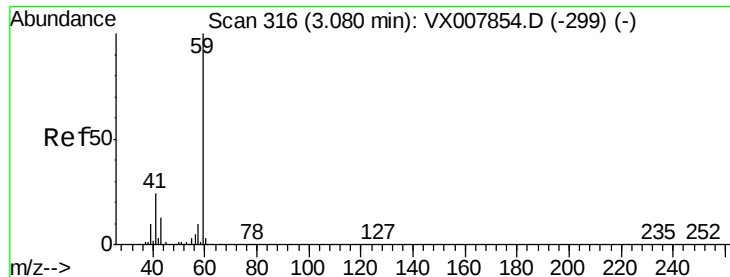
66 5.9 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

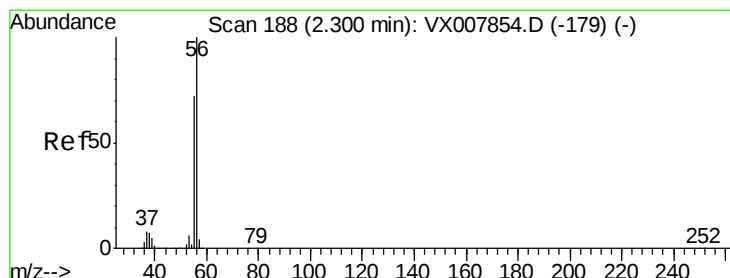
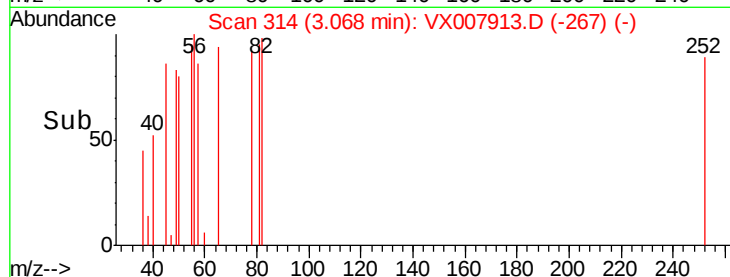
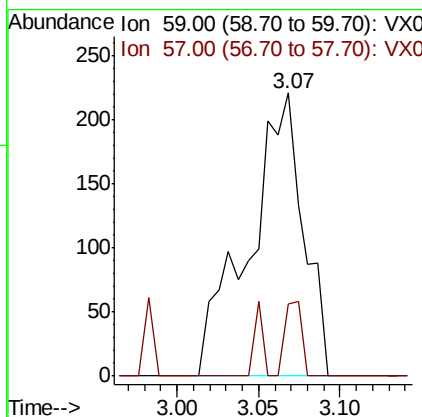
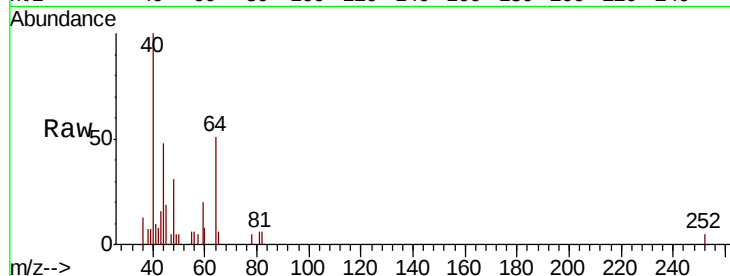




#11  
Tert butyl alcohol  
Concen: 0.774 ug/l  
RT: 3.07 min Scan# 314  
Delta R.T. -0.01 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

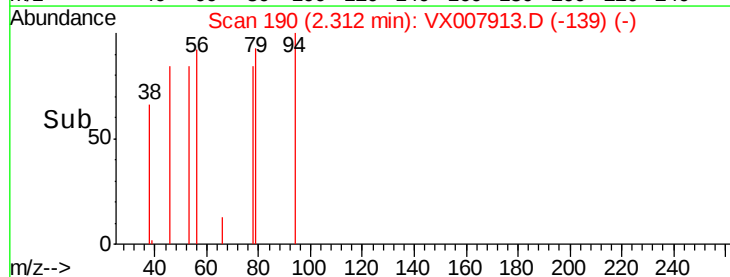
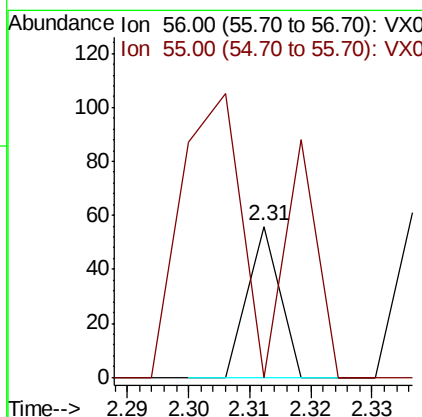
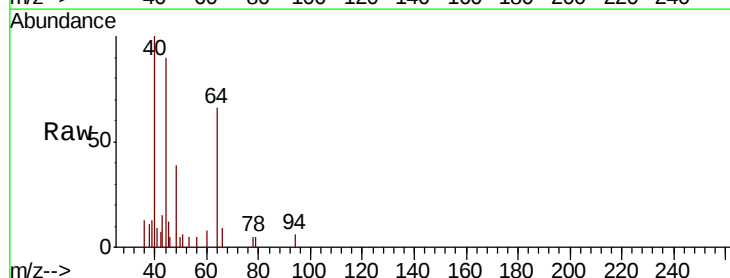
Instrument :  
MSVOA\_X  
ClientSampleId :  
Z2-10

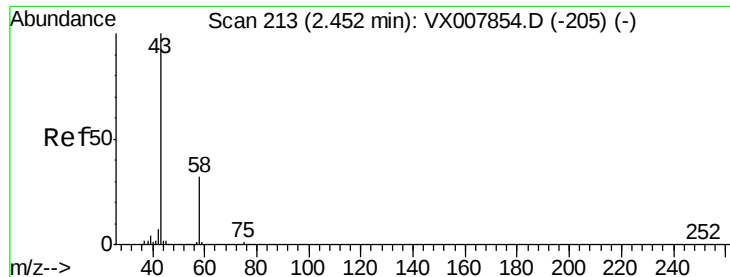
Tgt Ion: 59 Resp: 513  
Ion Ratio Lower Upper  
59 100  
57 8.2 8.2 12.2



#13  
Acrolein  
Concen: 1.594 ug/l  
RT: 2.31 min Scan# 190  
Delta R.T. 0.01 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Tgt Ion: 56 Resp: 20  
Ion Ratio Lower Upper  
56 100  
55 510.0 57.8 86.6#





#16

Acetone

Concen: 6.870 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampleId :

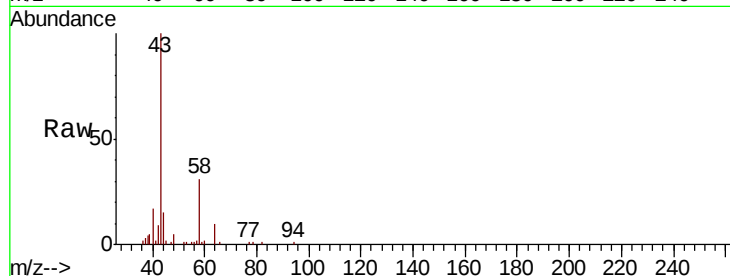
Z2-10

Tgt Ion: 43 Resp: 11793

Ion Ratio Lower Upper

43 100

58 31.4 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

8000

6000

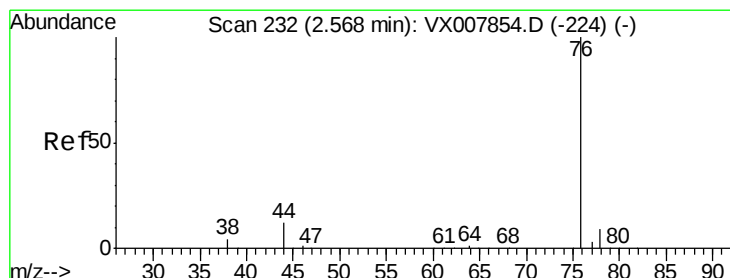
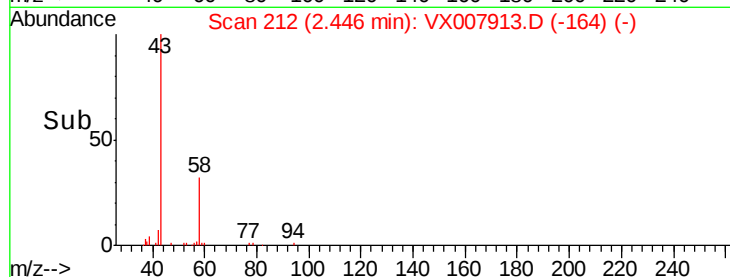
4000

2000

0

2.40 2.45 2.50 2.55

Time-->



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007913.D

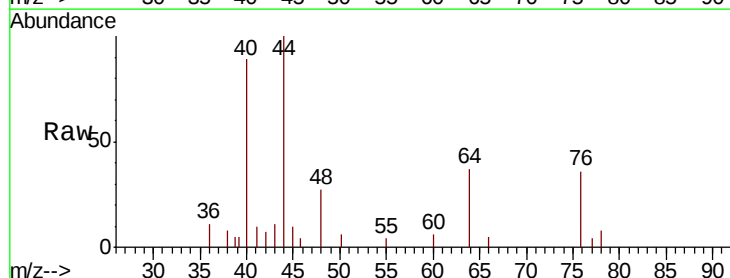
Acq: 08 Mar 2019 05:10

Tgt Ion: 76 Resp: 849

Ion Ratio Lower Upper

76 100

78 22.7 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

500

400

300

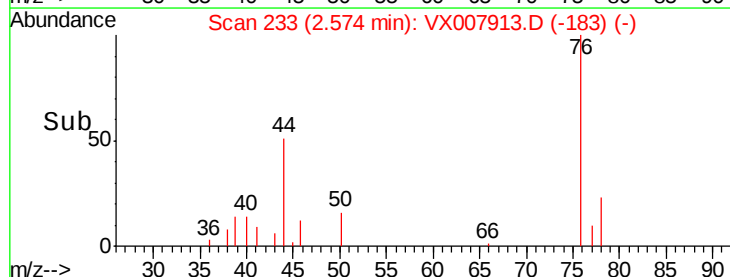
200

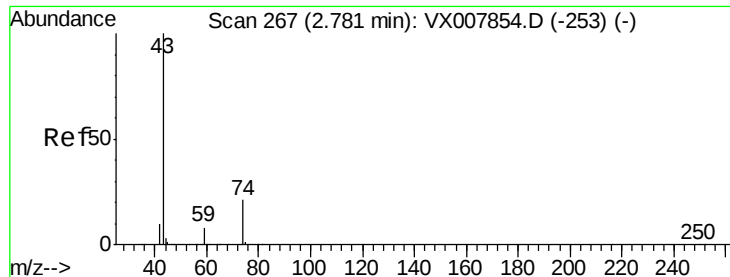
100

0

2.55 2.60

Time-->

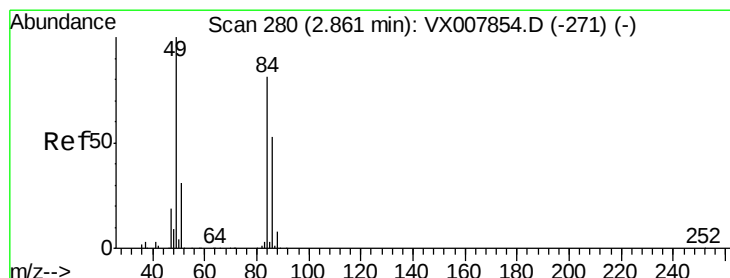
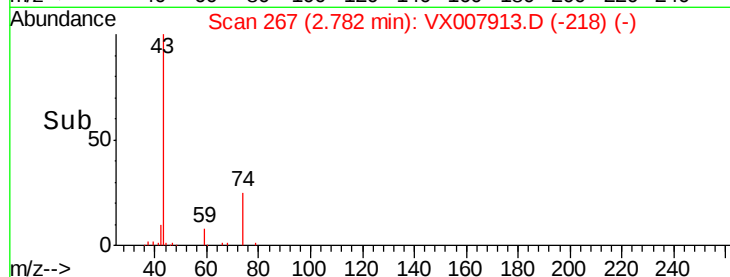
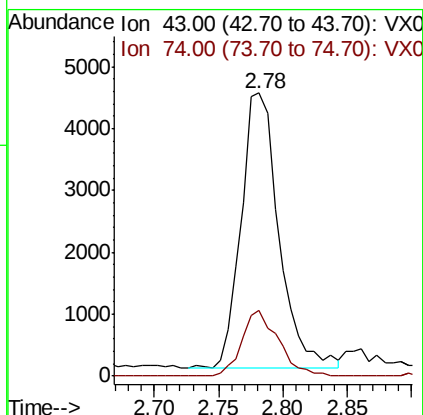
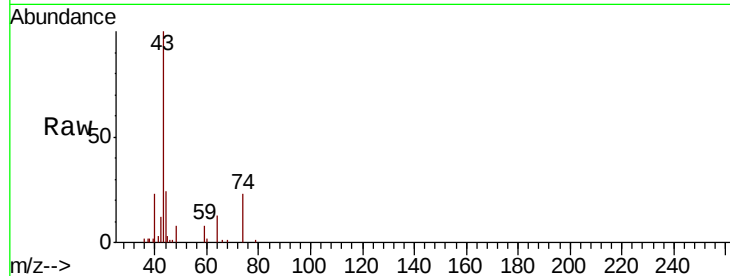




#18  
Methyl Acetate  
Concen: 2.481 ug/l  
RT: 2.78 min Scan# 267  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

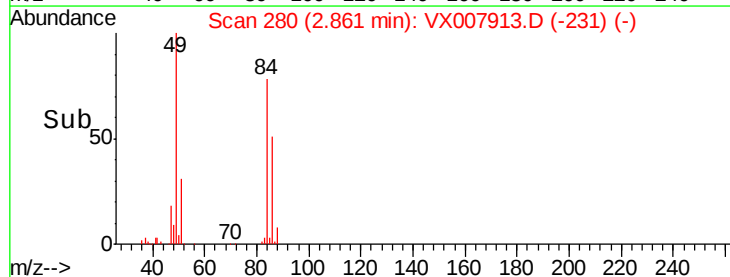
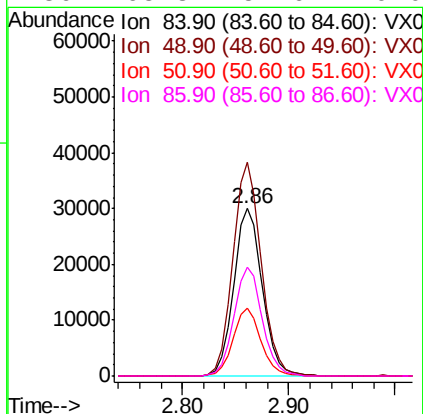
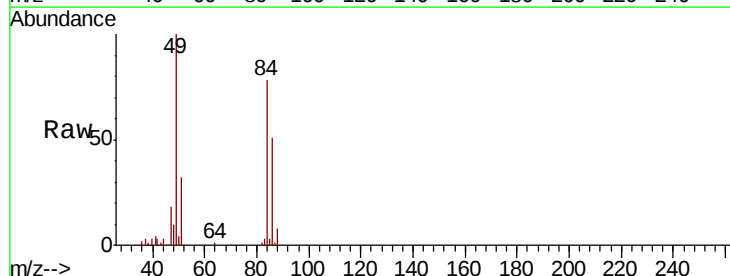
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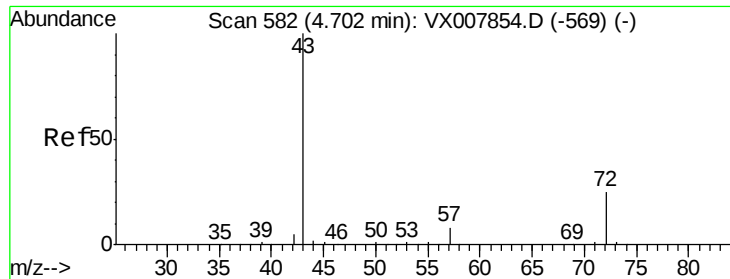
Tgt Ion: 43 Resp: 9047  
Ion Ratio Lower Upper  
43 100  
74 23.1 17.8 26.6



#20  
Methylene Chloride  
Concen: 20.682 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Tgt Ion: 84 Resp: 56501  
Ion Ratio Lower Upper  
84 100  
49 127.7 99.3 148.9  
51 40.4 31.3 46.9  
86 65.3 52.6 79.0





#25

2-Butanone

Concen: 0.979 ug/l

RT: 4.71 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampleId :

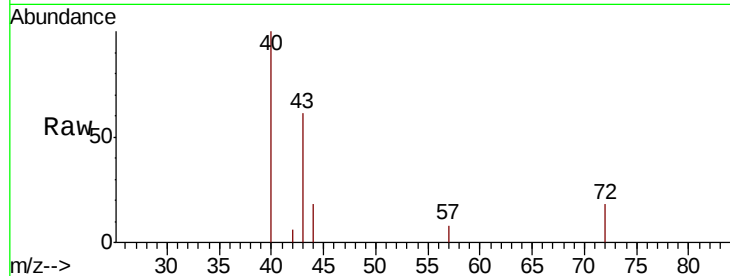
Z2-10

Tgt Ion: 43 Resp: 2379

Ion Ratio Lower Upper

43 100

72 29.1 19.9 29.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

800

600

400

200

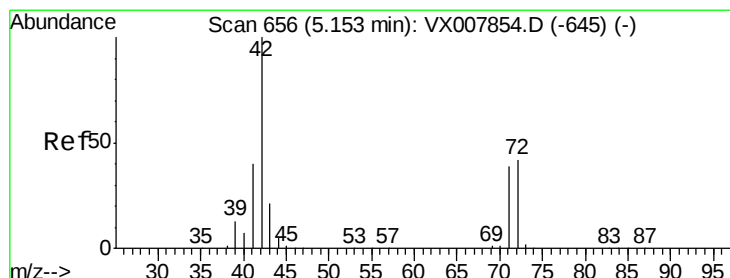
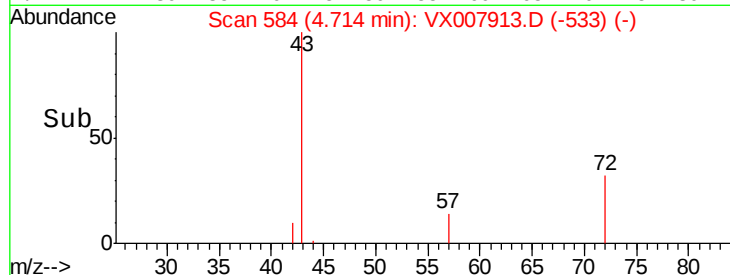
0

4.60

4.70

4.80

Time-->



#29

Tetrahydrofuran

Concen: 0.682 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

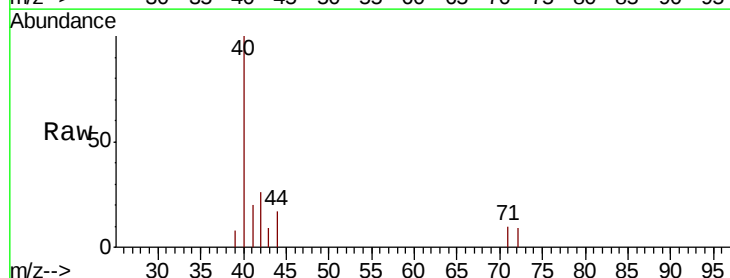
Tgt Ion: 42 Resp: 1034

Ion Ratio Lower Upper

42 100

72 31.3 33.8 50.6#

71 29.0 31.5 47.3#



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

400

300

200

100

0

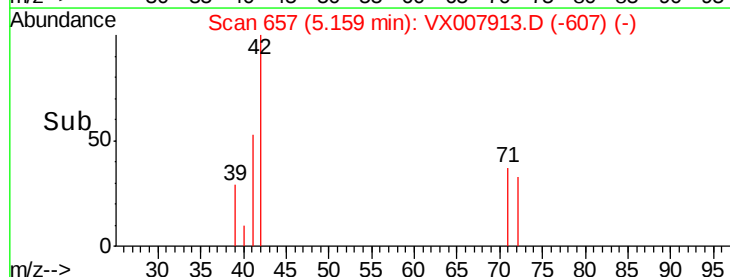
5.10

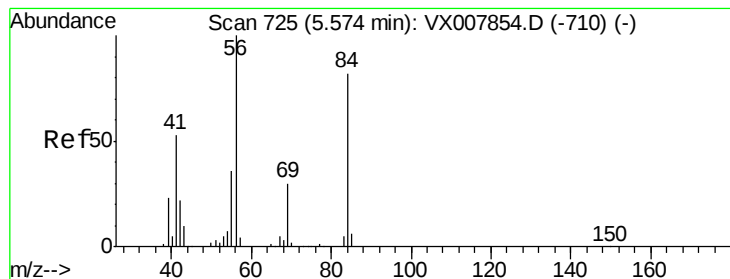
5.15

5.20

5.25

Time-->





#31

Cyclohexane

Concen: 0.958 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampled :

Z2-10

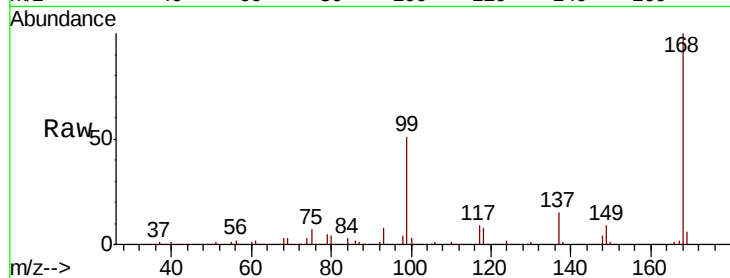
Tgt Ion: 56 Resp: 4364

Ion Ratio Lower Upper

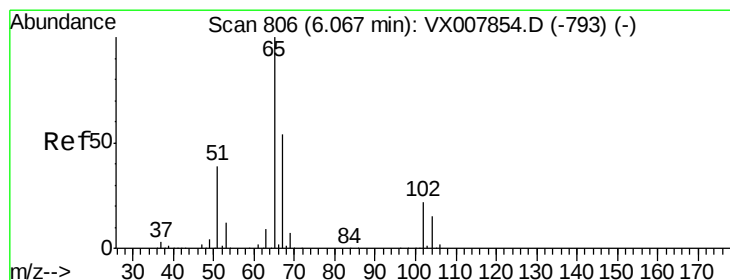
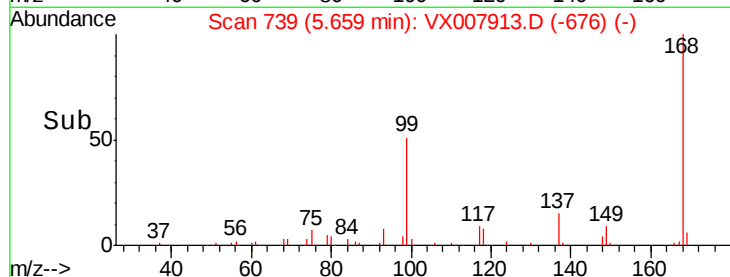
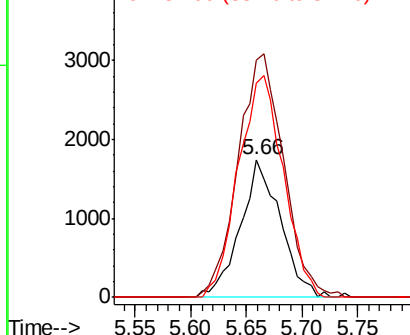
56 100

69 172.0 24.0 36.0#

84 155.3 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.851 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007913.D

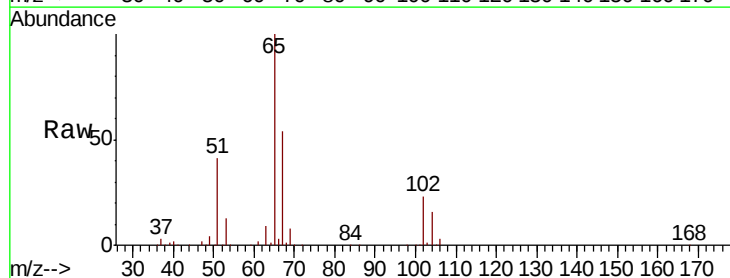
Acq: 08 Mar 2019 05:10

Tgt Ion: 65 Resp: 156735

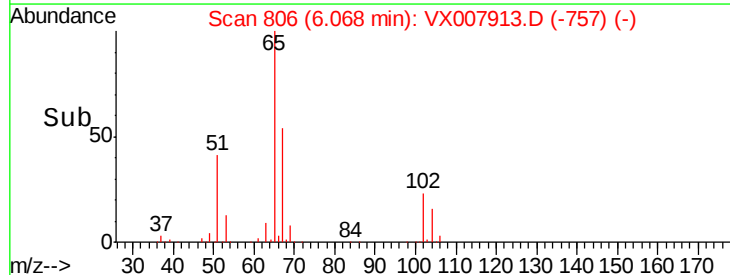
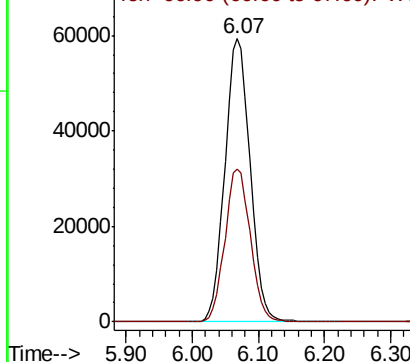
Ion Ratio Lower Upper

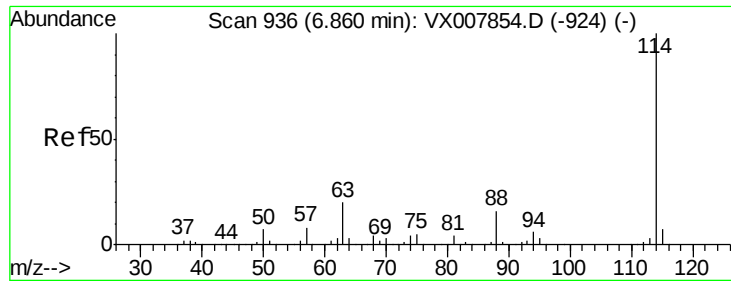
65 100

67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0  
Ion 66.90 (66.60 to 67.60): VX0

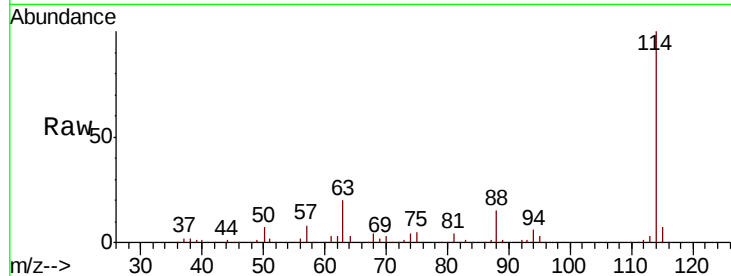




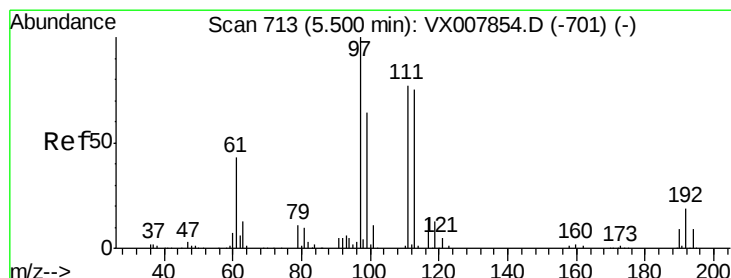
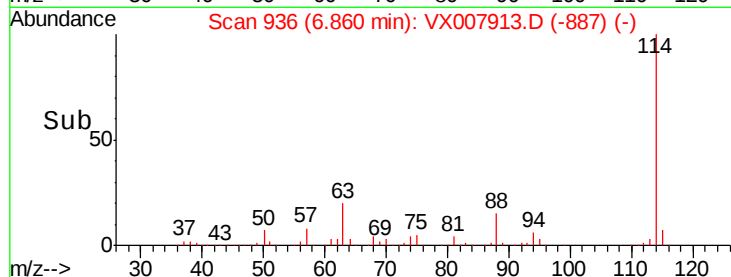
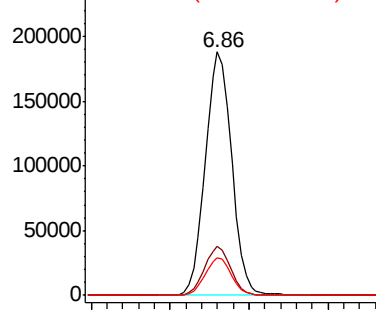
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z2-10

Tgt Ion:114 Resp: 439418  
Ion Ratio Lower Upper  
114 100  
63 19.9 0.0 39.8  
88 15.4 0.0 31.4

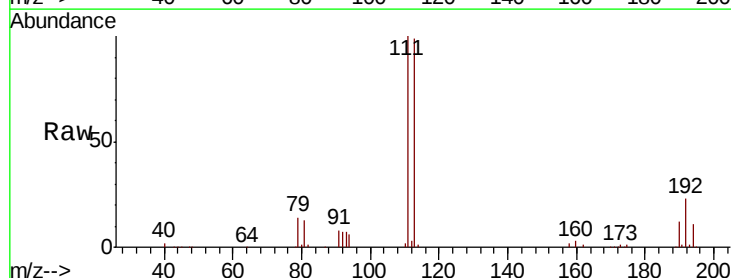


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VX0  
Ion 87.90 (87.60 to 88.60): VX0

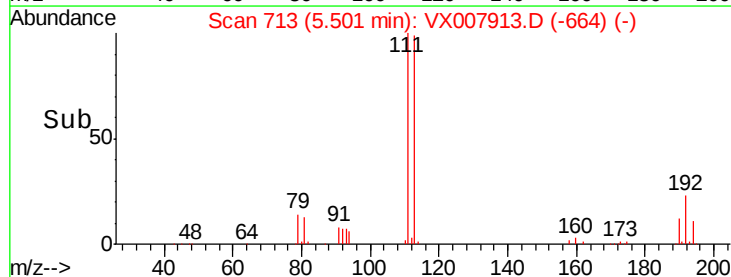
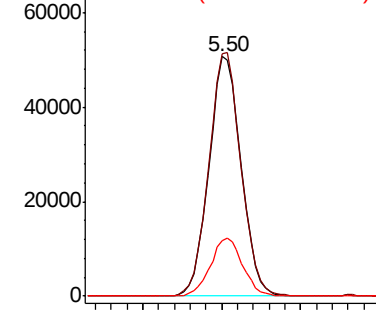


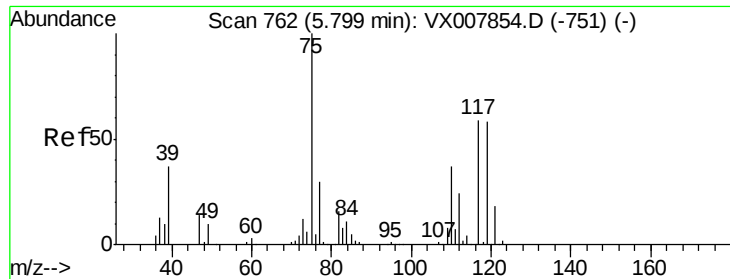
#35  
Dibromofluoromethane  
Concen: 51.179 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Tgt Ion:113 Resp: 143854  
Ion Ratio Lower Upper  
113 100  
111 101.5 81.4 122.0  
192 24.2 19.4 29.0



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: 4.483 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampled :

Z2-10

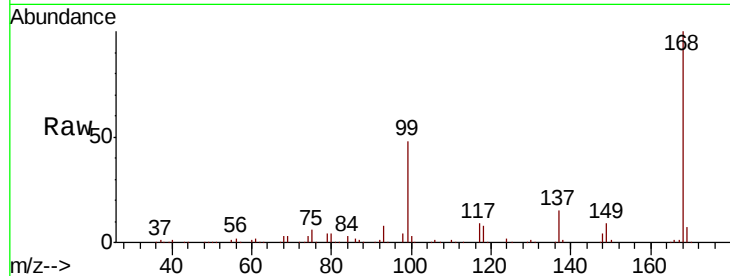
Tgt Ion: 75 Resp: 17836

Ion Ratio Lower Upper

75 100

110 9.1 18.4 55.0#

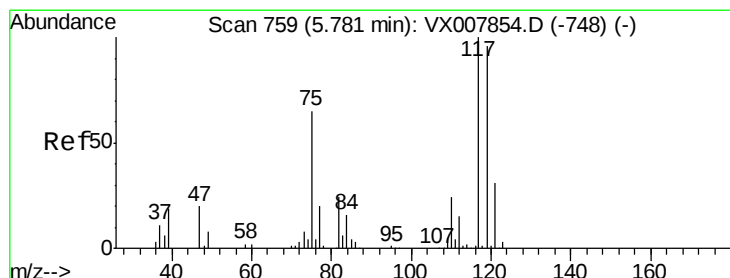
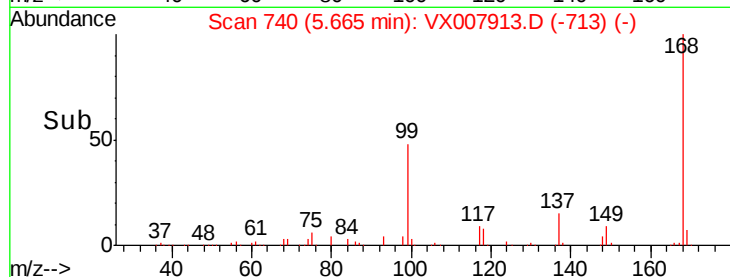
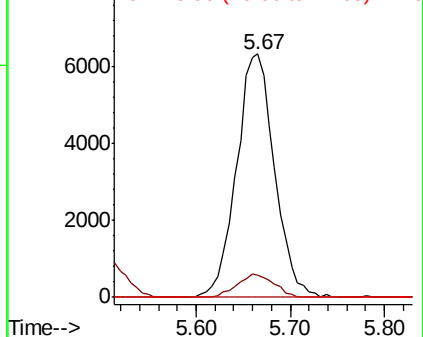
77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0



#38

Carbon Tetrachloride

Concen: 6.440 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

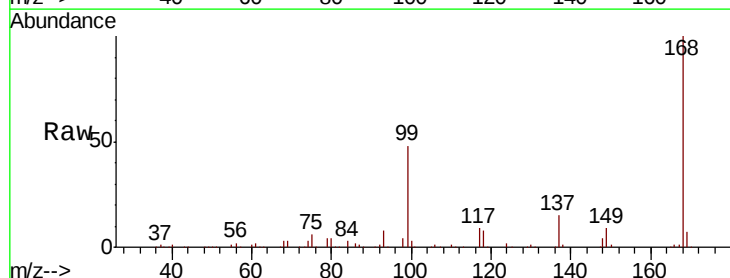
Tgt Ion: 117 Resp: 24328

Ion Ratio Lower Upper

117 100

119 4.9 76.2 114.2#

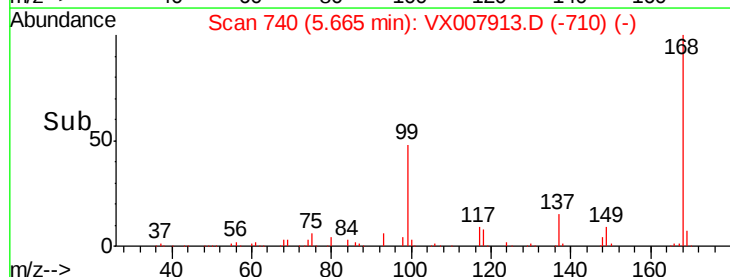
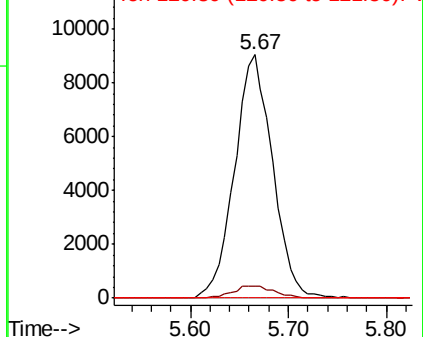
121 0.0 24.6 36.8#

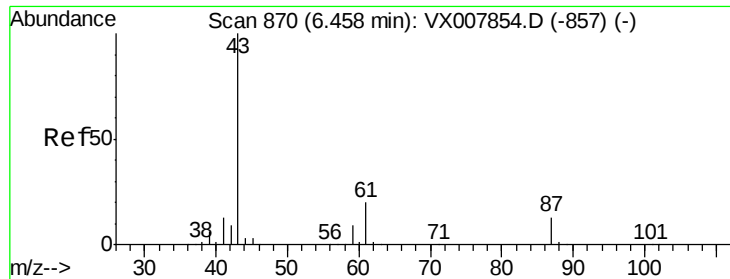


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#43

Isopropyl Acetate

Concen: 2.257 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampleId :

Z2-10

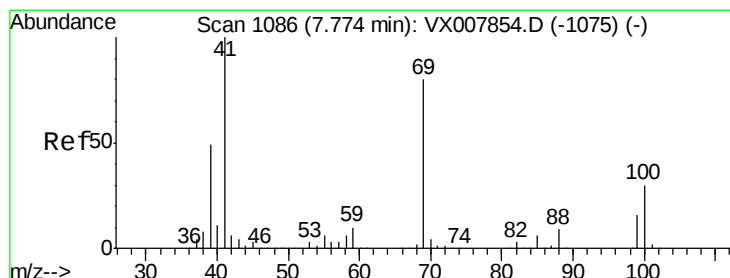
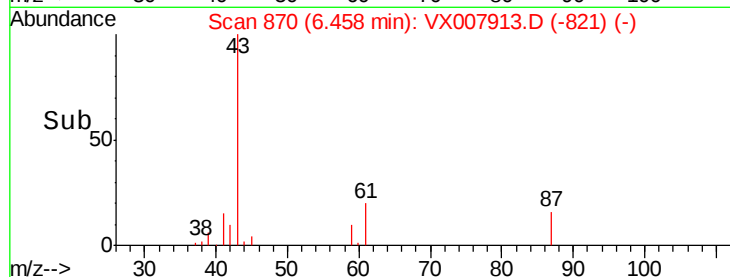
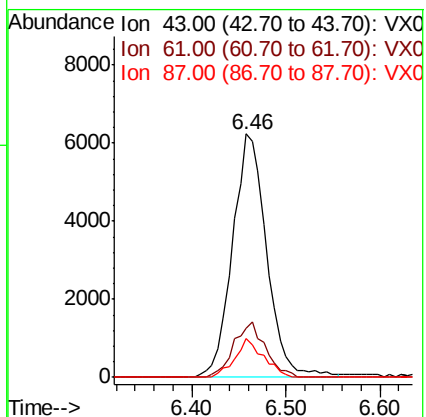
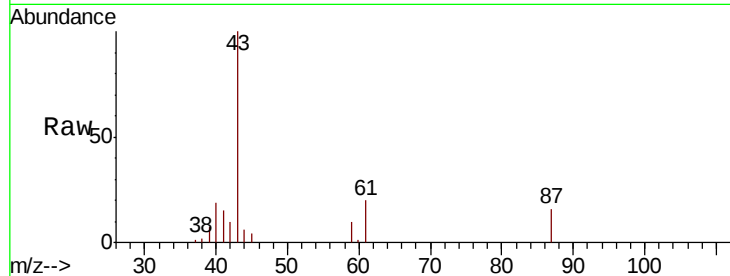
Tgt Ion: 43 Resp: 15769

Ion Ratio Lower Upper

43 100

61 21.0 16.3 24.5

87 13.1 10.5 15.7



#48

Methyl methacrylate

Concen: 2.188 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

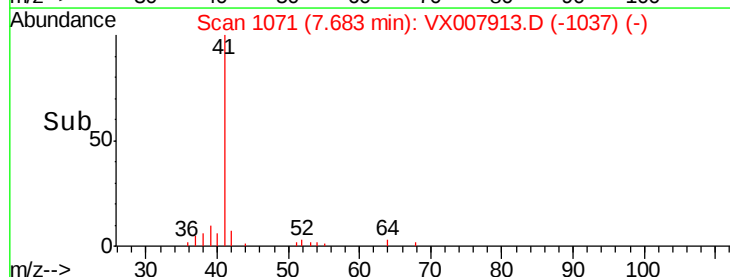
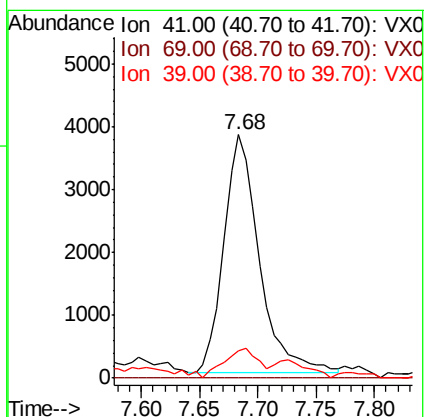
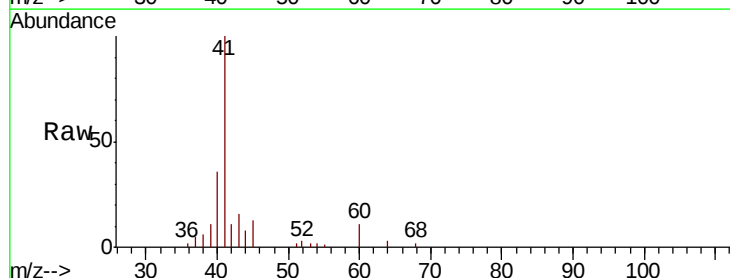
Tgt Ion: 41 Resp: 8038

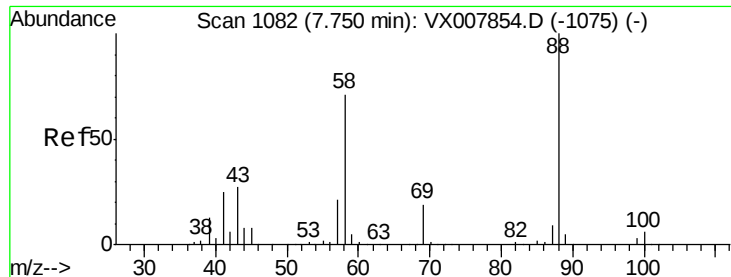
Ion Ratio Lower Upper

41 100

69 0.0 65.2 97.8#

39 0.0 39.4 59.2#





#49

1,4-Dioxane

Concen: 2.478 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.12 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampleId :

Z2-10

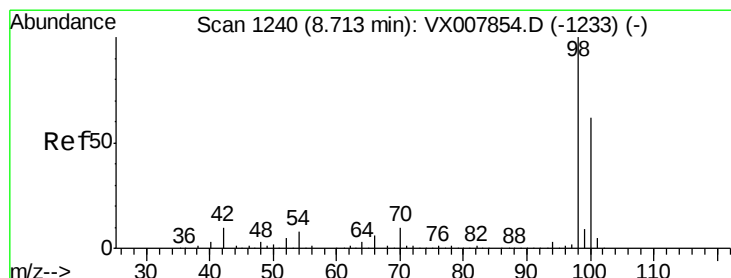
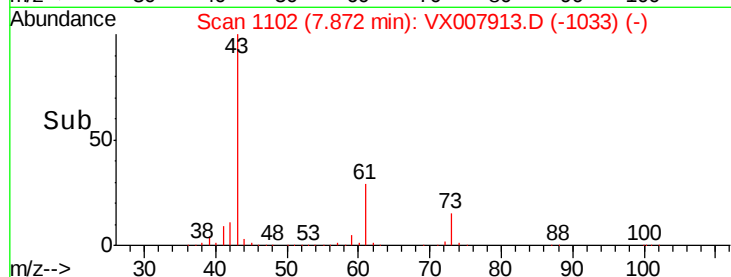
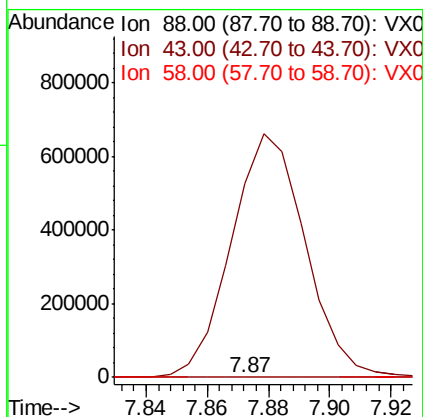
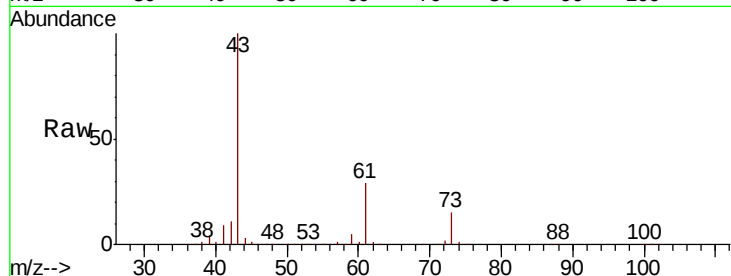
Tgt Ion: 88 Resp: 187

Ion Ratio Lower Upper

88 100

43 598890.4 25.1 37.7#

58 2572.2 57.8 86.6#



#50

Toluene-d8

Concen: 53.267 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007913.D

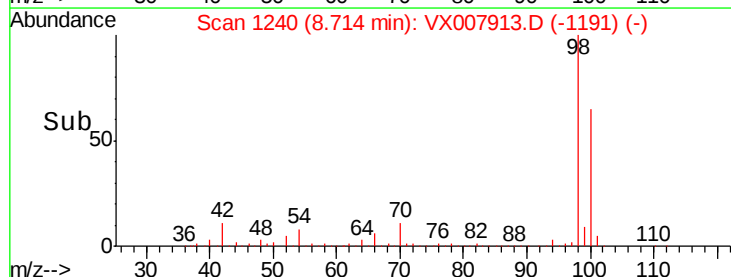
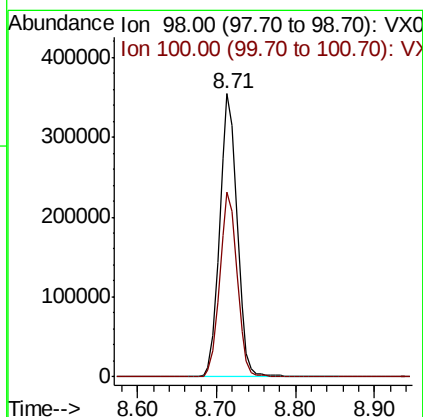
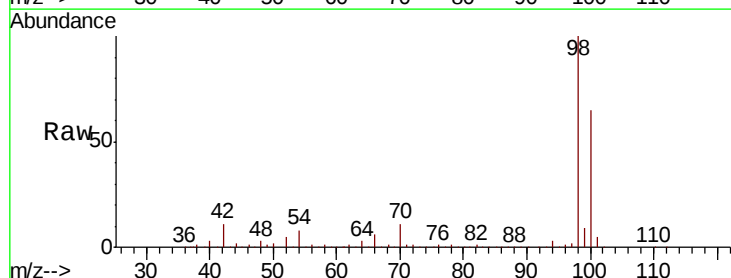
Acq: 08 Mar 2019 05:10

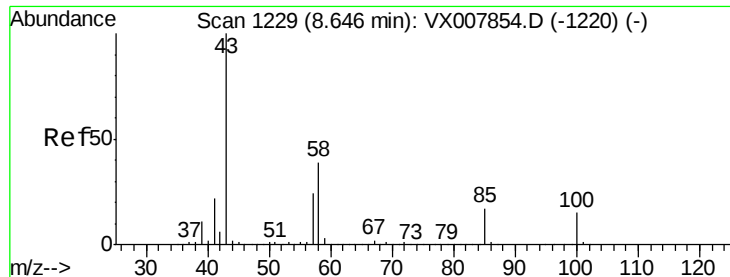
Tgt Ion: 98 Resp: 549863

Ion Ratio Lower Upper

98 100

100 64.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 16.962 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampled :

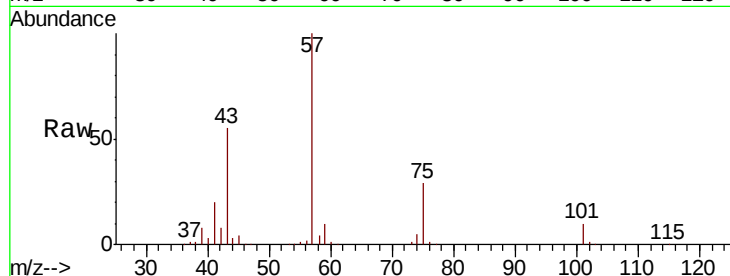
Z2-10

Tgt Ion: 43 Resp: 76228

Ion Ratio Lower Upper

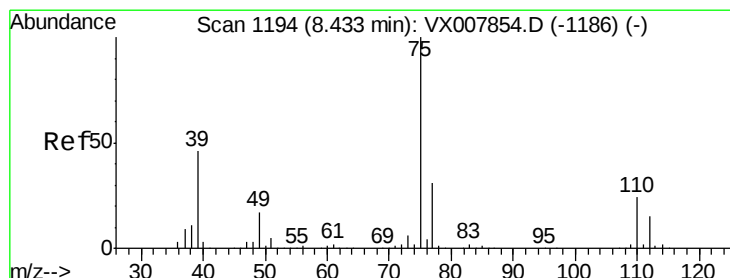
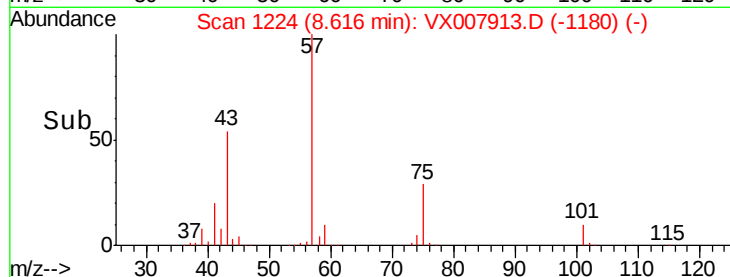
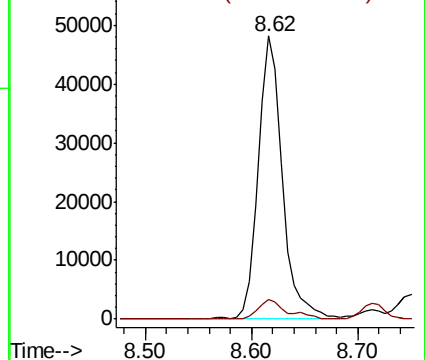
43 100

58 8.3 31.3 46.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.481 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

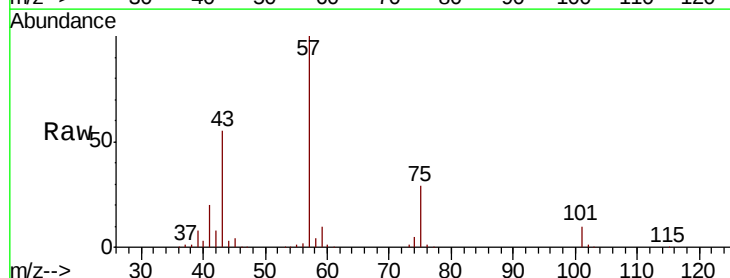
Tgt Ion: 75 Resp: 37522

Ion Ratio Lower Upper

75 100

77 0.5 25.0 37.6#

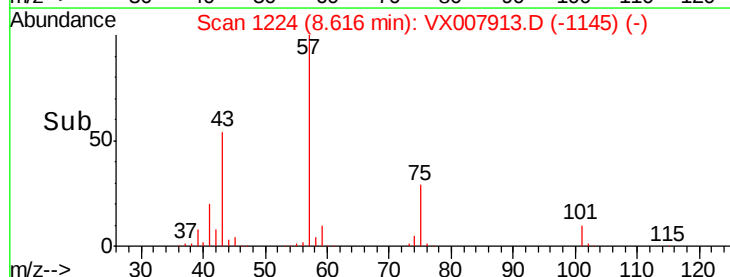
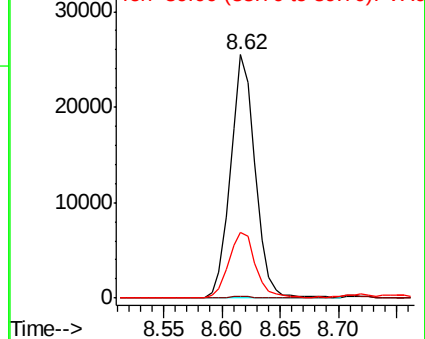
39 26.9 36.6 54.8#

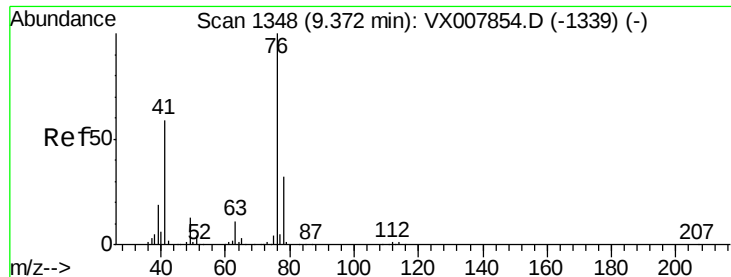


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

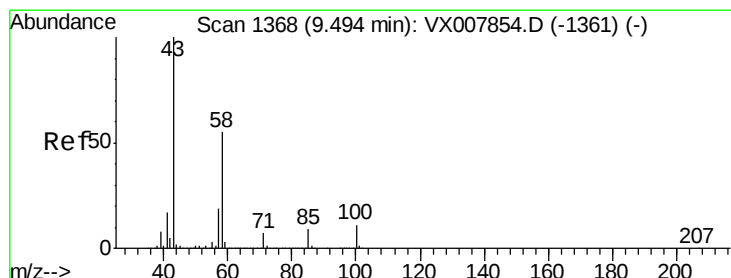
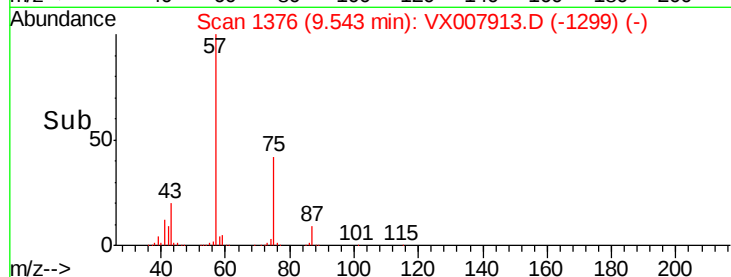
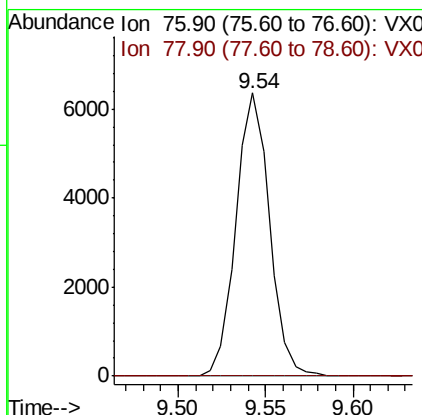
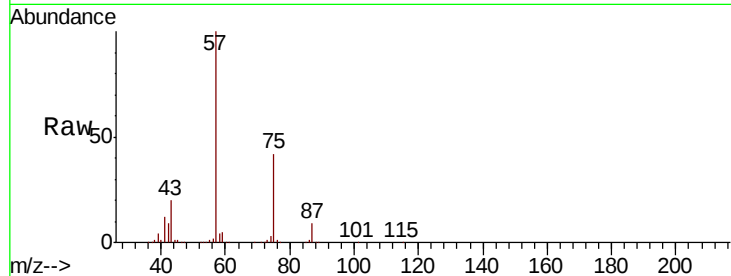




#57  
 1,3-Dichloropropane  
 Concen: 1.725 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.17 min  
 Lab File: VX007913.D  
 Acq: 08 Mar 2019 05:10

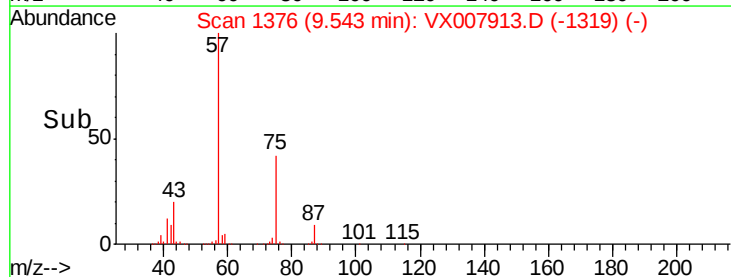
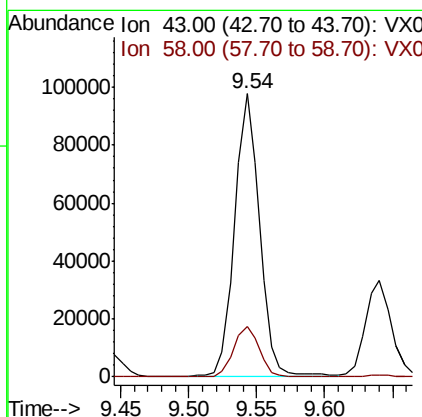
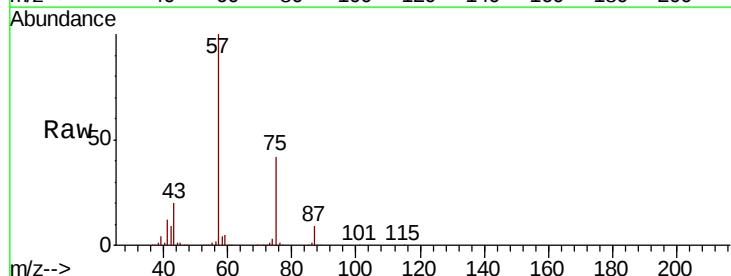
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z2-10

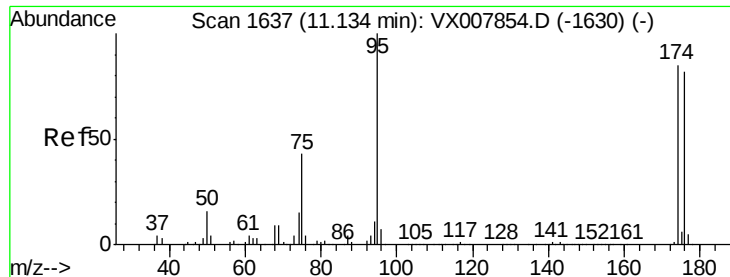
Tgt Ion: 76 Resp: 8478  
 Ion Ratio Lower Upper  
 76 100  
 78 0.0 25.5 38.3#



#59  
 2-Hexanone  
 Concen: 35.536 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.05 min  
 Lab File: VX007913.D  
 Acq: 08 Mar 2019 05:10

Tgt Ion: 43 Resp: 123984  
 Ion Ratio Lower Upper  
 43 100  
 58 19.0 27.6 82.7#





#62

4-Bromofluorobenzene

Concen: 56.013 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampleId :

Z2-10

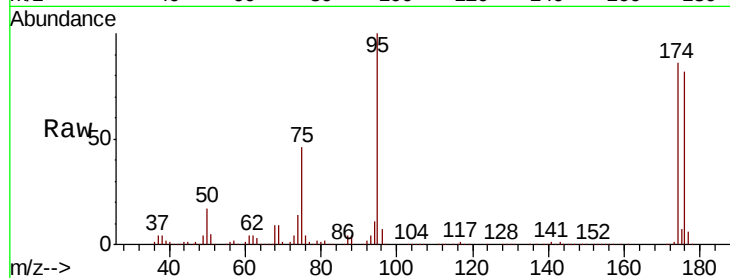
Tgt Ion: 95 Resp: 202723

Ion Ratio Lower Upper

95 100

174 92.7 0.0 182.8

176 89.2 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX007854.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX007854.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX007854.D (-1630) (-)

11.13

200000

150000

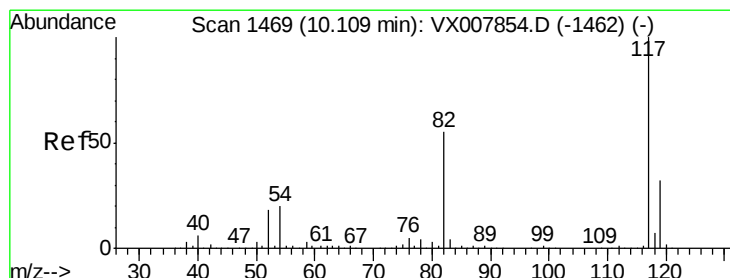
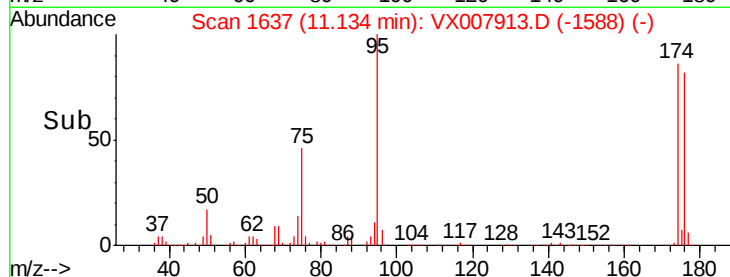
100000

50000

0

Time-->

11.10 11.20 11.30



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

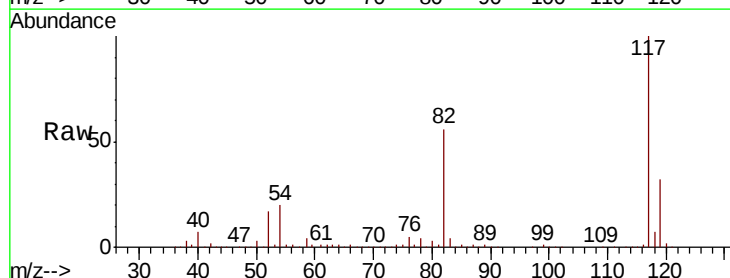
Tgt Ion: 117 Resp: 429072

Ion Ratio Lower Upper

117 100

82 55.7 44.3 66.5

119 32.3 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX007854.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX007854.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX007854.D (-1462) (-)

10.11

400000

300000

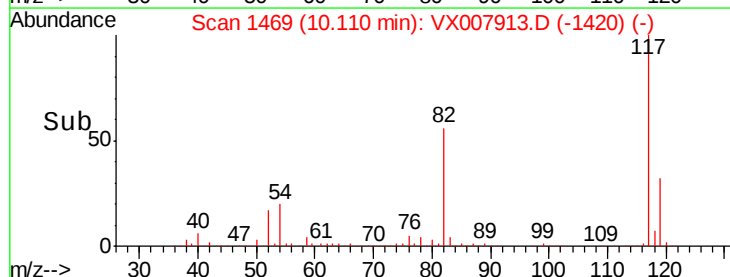
200000

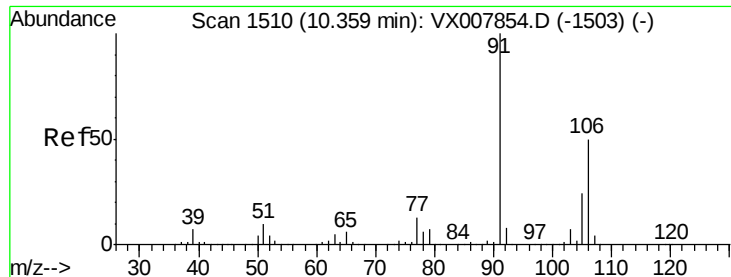
100000

0

Time-->

10.00 10.20

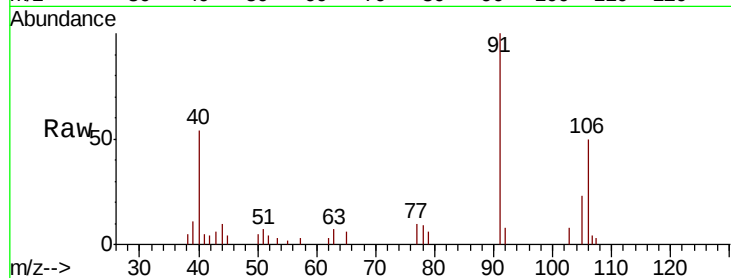




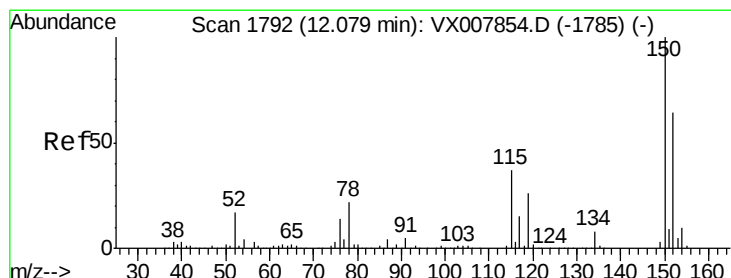
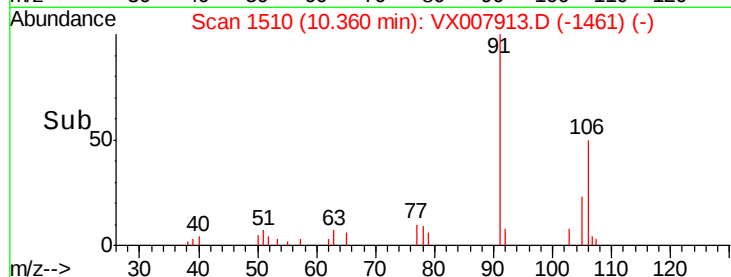
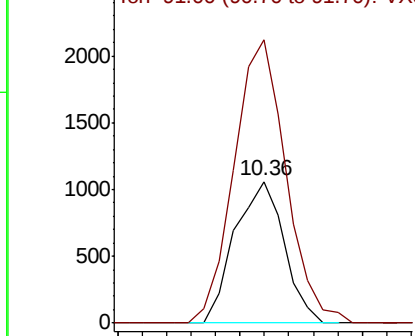
#68  
m/p-Xylenes  
Concen: 0.262 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Instrument :  
MSVOA\_X  
ClientSampled :  
Z2-10

Tgt Ion:106 Resp: 1492  
Ion Ratio Lower Upper  
106 100  
91 210.1 159.8 239.6

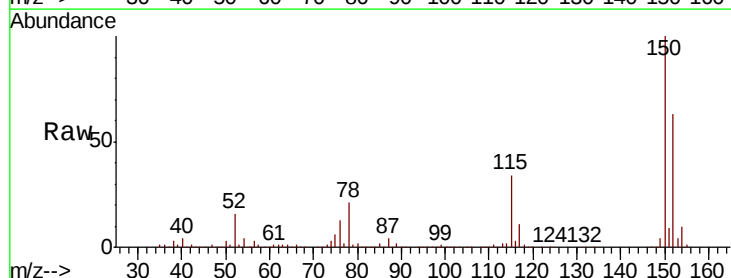


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

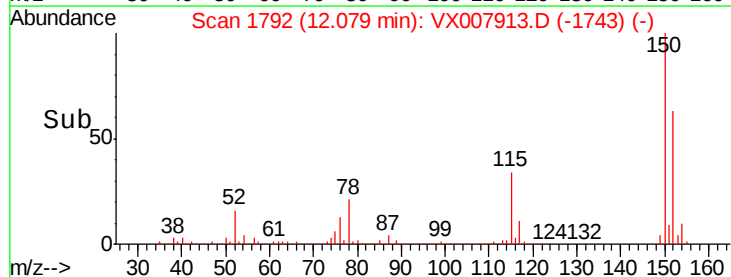
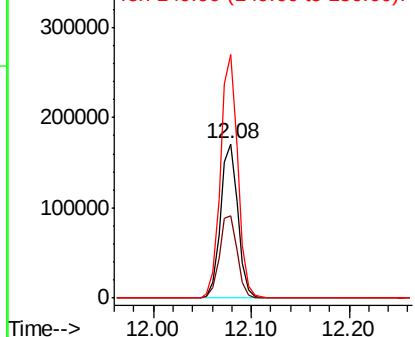


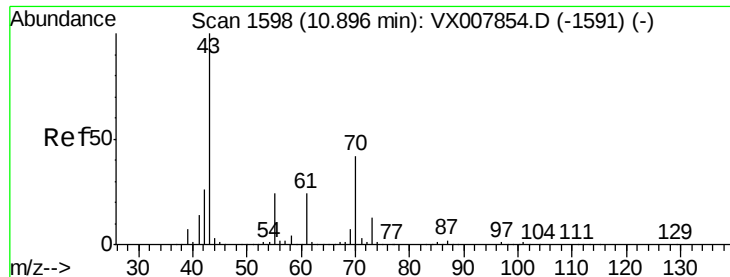
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Tgt Ion:152 Resp: 209173  
Ion Ratio Lower Upper  
152 100  
115 55.2 38.6 115.7  
150 157.1 0.0 348.4



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





#74

N-ethyl acetate

Concen: 1.745 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX007913.D

Acq: 08 Mar 2019 05:10

Instrument :

MSVOA\_X

ClientSampleId :

Z2-10

Tgt Ion: 43 Resp: 11270

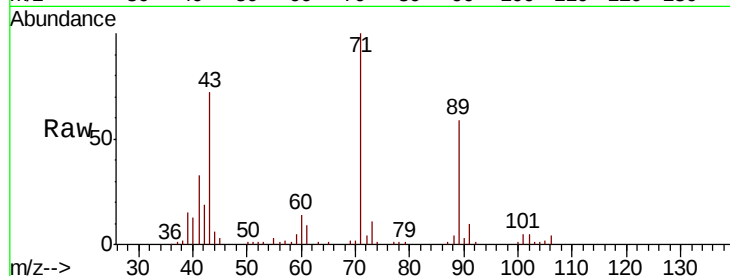
Ion Ratio Lower Upper

43 100

70 2.3 33.5 50.3#

55 4.5 19.2 28.8#

61 11.2 19.0 28.6#

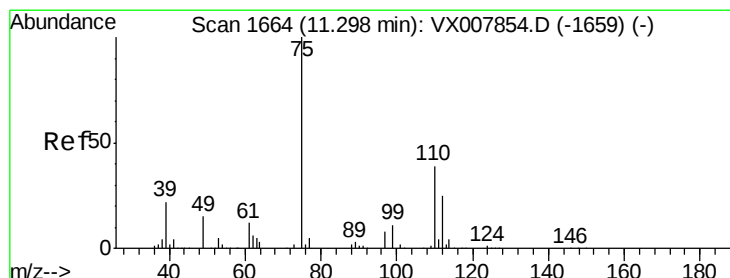
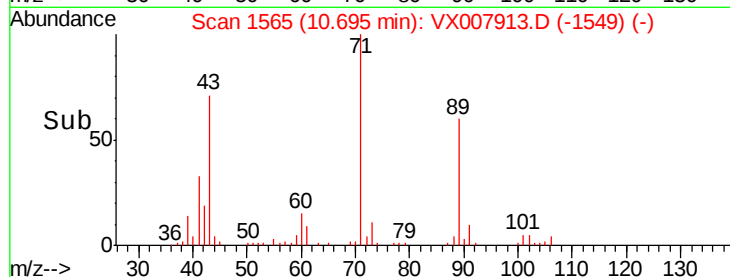
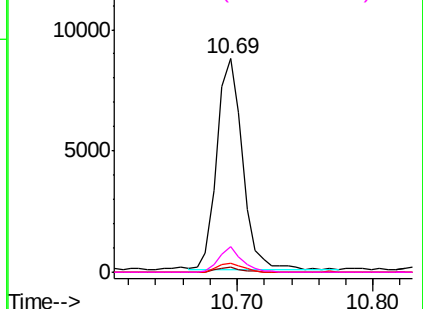


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.123 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007913.D

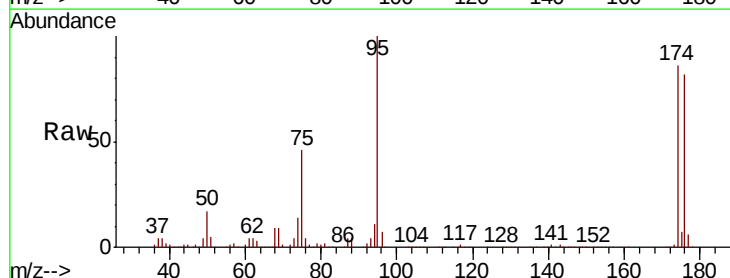
Acq: 08 Mar 2019 05:10

Tgt Ion: 75 Resp: 92717

Ion Ratio Lower Upper

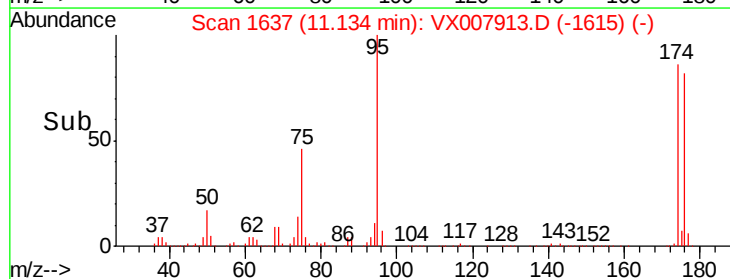
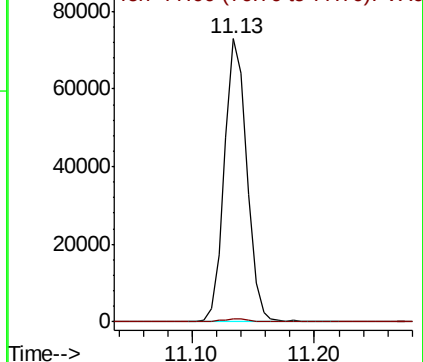
75 100

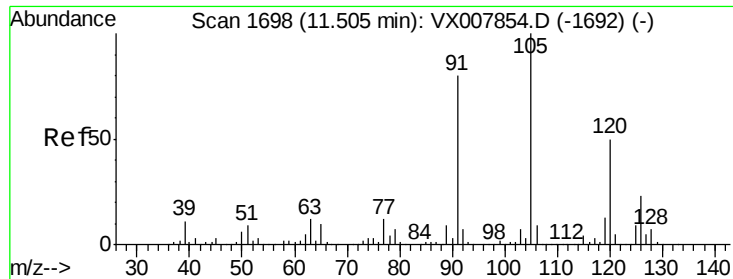
77 1.3 18.9 56.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

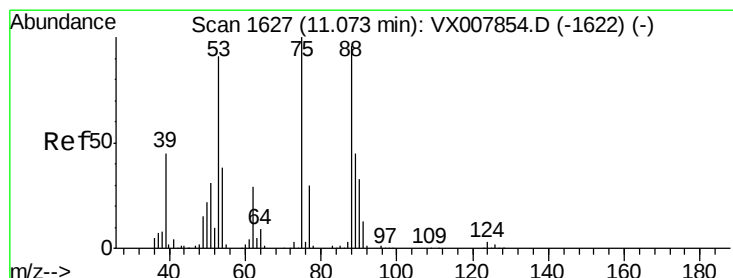
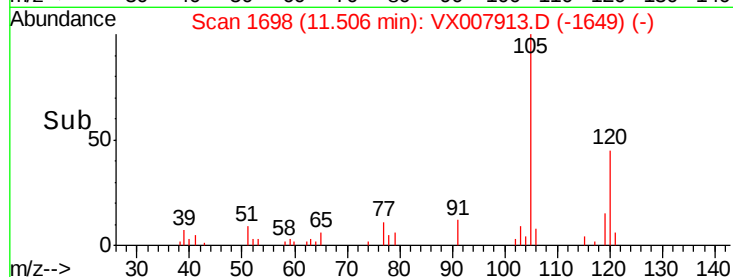
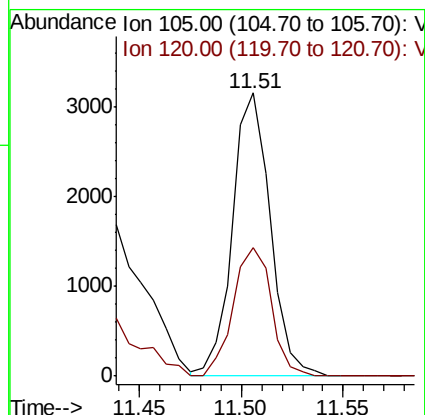
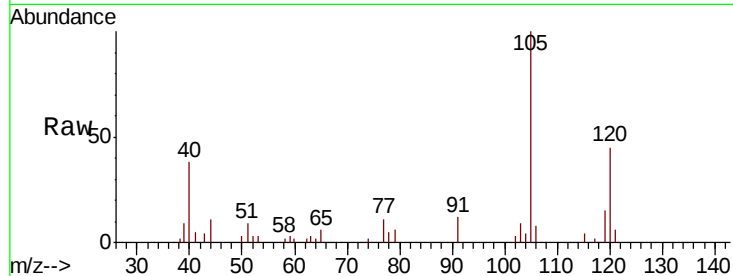




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.348 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. 0.00 min  
 Lab File: VX007913.D  
 Acq: 08 Mar 2019 05:10

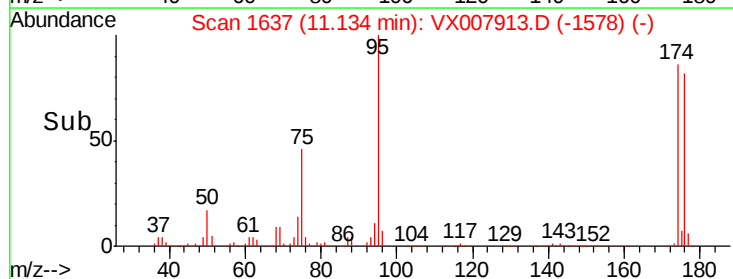
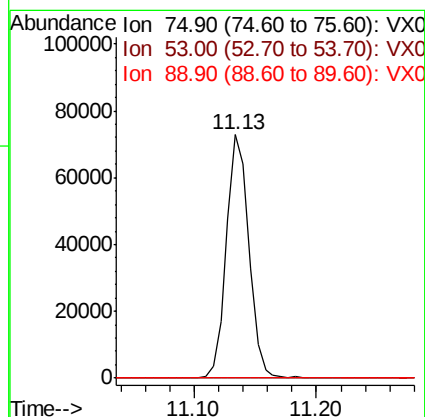
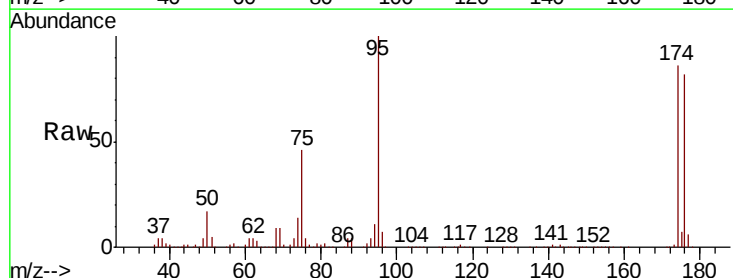
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 Z2-10

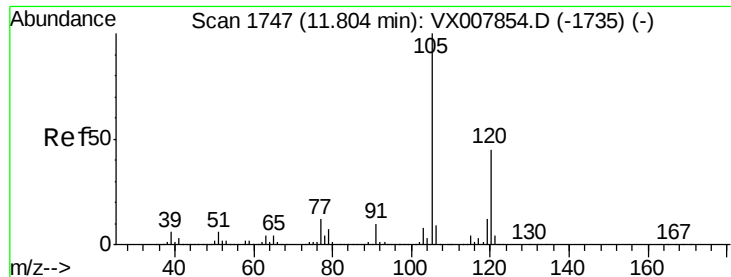
Tgt Ion: 105 Resp: 4050  
 Ion Ratio Lower Upper  
 105 100  
 120 46.0 24.9 74.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 67.521 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX007913.D  
 Acq: 08 Mar 2019 05:10

Tgt Ion: 75 Resp: 92717  
 Ion Ratio Lower Upper  
 75 100  
 53 0.0 76.1 114.1#  
 89 0.0 36.3 54.5#

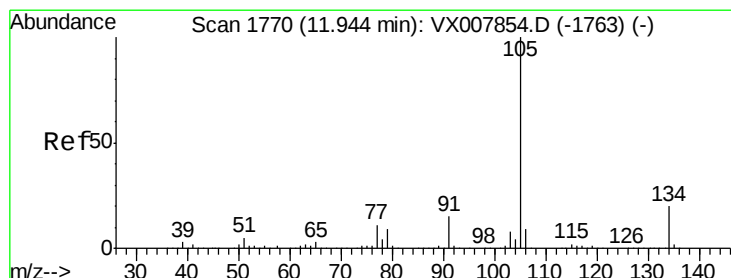
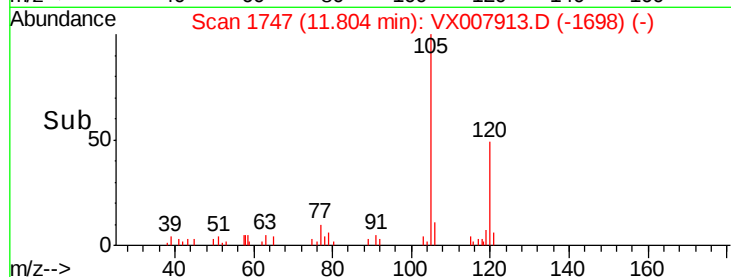
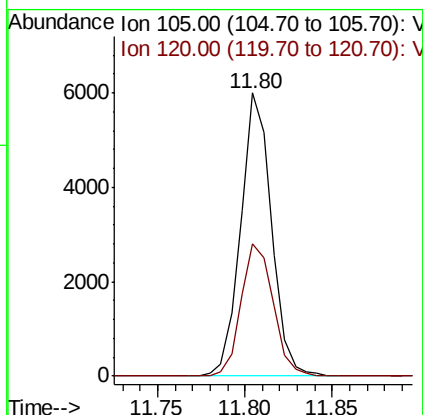
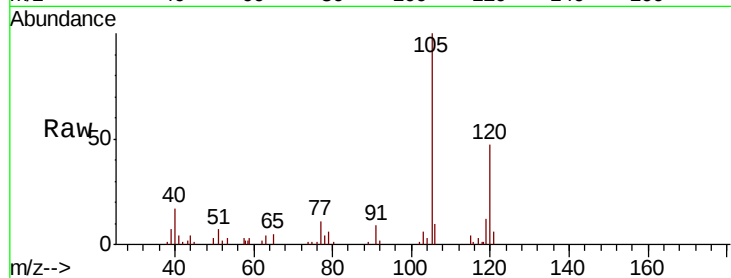




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.613 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX007913.D  
 Acq: 08 Mar 2019 05:10

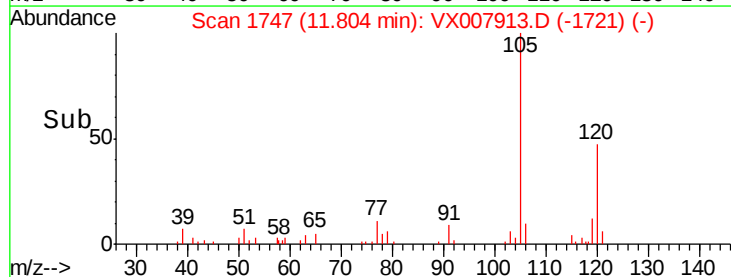
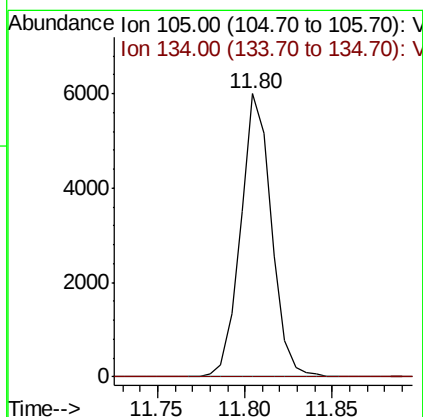
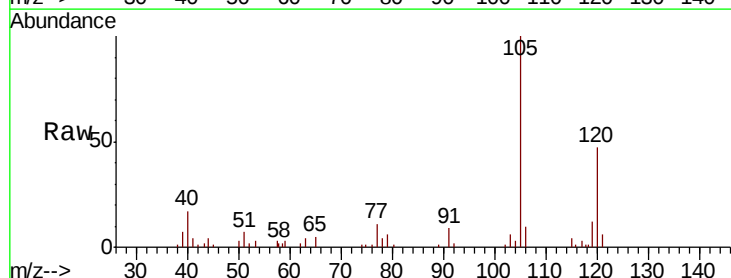
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 Z2-10

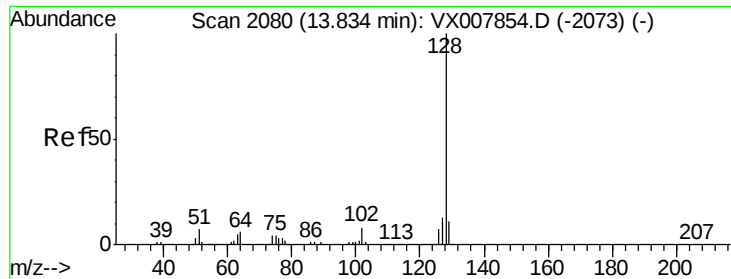
Tgt Ion:105 Resp: 7318  
 Ion Ratio Lower Upper  
 105 100  
 120 48.8 22.6 67.7



#85  
 sec-Butylbenzene  
 Concen: 0.530 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.14 min  
 Lab File: VX007913.D  
 Acq: 08 Mar 2019 05:10

Tgt Ion:105 Resp: 7318  
 Ion Ratio Lower Upper  
 105 100  
 134 0.0 10.4 31.2#

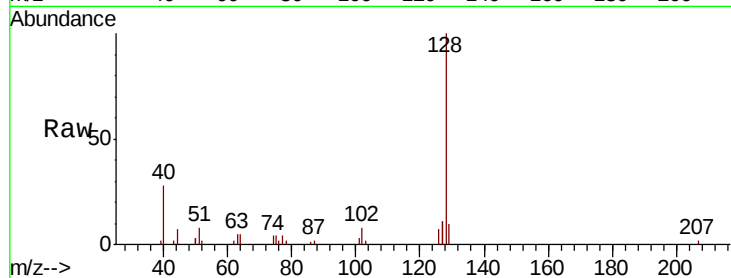




#95  
Naphthalene  
Concen: 0.372 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX007913.D  
Acq: 08 Mar 2019 05:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
Z2-10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 15.9  | 10.3  | 15.5# |
| 129     | 9.9   | 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

