

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040819\  
 Data File : VX008753.D  
 Acq On : 08 Apr 2019 18:22  
 Operator : JC/SP  
 Sample : K2294-04  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-14-S

Quant Time: Apr 09 06:47:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 178380   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 300442   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 254767   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 106736   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 6.07   | 65  | 123812   | 47.59 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.18% |      |
| 35) Dibromofluoromethane  | 5.50   | 113 | 91764    | 47.77 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 95.54% |      |
| 50) Toluene-d8            | 8.71   | 98  | 371351   | 48.55 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.10% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 122570   | 45.19 | ug/l   | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 90.38% |      |

## Target Compounds

|                                |       |     |        |               | Qvalue |
|--------------------------------|-------|-----|--------|---------------|--------|
| 3) Chloromethane               | 1.32  | 50  | 544    | Below Cal     | 96     |
| 5) Bromomethane                | 1.64  | 94  | 704    | 2.381 ug/l    | 89     |
| 6) Chloroethane                | 1.72  | 64  | 77     | Below Cal #   | 43     |
| 8) Diethyl Ether               | 2.19  | 74  | 483    | 0.332 ug/l #  | 35     |
| 10) Methyl Iodide              | 2.51  | 142 | 272    | 4.142 ug/l #  | 86     |
| 11) Tert butyl alcohol         | 3.06  | 59  | 2175   | 3.571 ug/l #  | 88     |
| 13) Acrolein                   | 2.31  | 56  | 403    | 1.334 ug/l #  | 13     |
| 15) Acrylonitrile              | 3.15  | 53  | 401    | 0.249 ug/l #  | 76     |
| 16) Acetone                    | 2.45  | 43  | 18307  | 12.217 ug/l   | 100    |
| 17) Carbon Disulfide           | 2.57  | 76  | 1624   | Below Cal #   | 89     |
| 18) Methyl Acetate             | 2.78  | 43  | 4813   | 1.324 ug/l    | 99     |
| 20) Methylene Chloride         | 2.86  | 84  | 22034  | 8.784 ug/l    | 98     |
| 25) 2-Butanone                 | 4.69  | 43  | 5228   | 2.207 ug/l    | 98     |
| 28) Bromochloromethane         | 5.03  | 49  | 45     | Below Cal #   | 22     |
| 29) Tetrahydrofuran            | 5.15  | 42  | 1966   | 1.251 ug/l    | 91     |
| 30) Chloroform                 | 5.21  | 83  | 1372   | 0.341 ug/l #  | 82     |
| 36) 1,1-Dichloropropene        | 5.67  | 75  | 14456  | 4.402 ug/l #  | 51     |
| 38) Carbon Tetrachloride       | 5.67  | 117 | 17202  | 6.329 ug/l #  | 16     |
| 40) Benzene                    | 6.15  | 78  | 3780   | 0.386 ug/l    | 99     |
| 43) Isopropyl Acetate          | 6.45  | 43  | 12200  | 1.777 ug/l    | 98     |
| 48) Methyl methacrylate        | 7.68  | 41  | 8650   | 2.490 ug/l #  | 18     |
| 49) 1,4-Dioxane                | 7.87  | 88  | 188    | 2.889 ug/l #  | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43  | 84628  | 19.144 ug/l # | 51     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75  | 36715  | 9.393 ug/l #  | 57     |
| 57) 1,3-Dichloropropane        | 9.54  | 76  | 7269   | 1.748 ug/l #  | 43     |
| 59) 2-Hexanone                 | 9.54  | 43  | 118590 | 34.520 ug/l # | 52     |
| 64) Tetrachloroethene          | 9.34  | 164 | 696    | 0.369 ug/l    | 92     |
| 68) m/p-Xylenes                | 10.36 | 106 | 1310   | 0.346 ug/l    | 84     |
| 74) N-amyl acetate             | 10.69 | 43  | 9862   | 1.895 ug/l #  | 56     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75  | 62661  | 21.370 ug/l # | 34     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105 | 2551   | 0.344 ug/l    | 99     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75  | 62661  | 58.909 ug/l # | 9      |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105 | 4085   | 0.543 ug/l    | 100    |
| 95) Naphthalene                | 13.83 | 128 | 49422  | 5.627 ug/l    | 100    |

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Sample : K2294-04  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-14-S

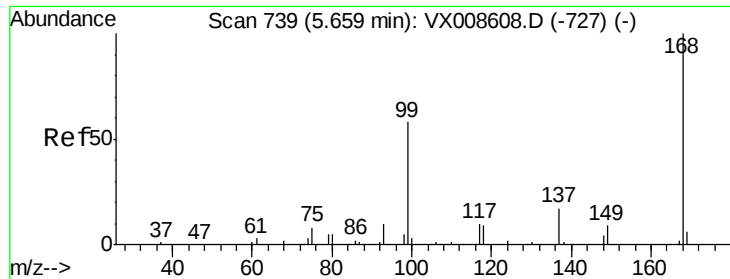
Quant Time: Apr 09 06:47:13 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration

| Internal Standards | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|--------------------|------|------|----------|------|-------|----------|
|--------------------|------|------|----------|------|-------|----------|

|       |  |  |  |  |  |  |
|-------|--|--|--|--|--|--|
| ----- |  |  |  |  |  |  |
| ----- |  |  |  |  |  |  |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampleId :

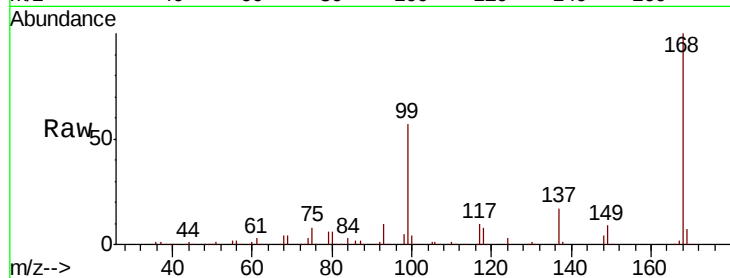
TP-14-S

Tot Ion:168 Resp: 178380

Ion Ratio Lower Upper

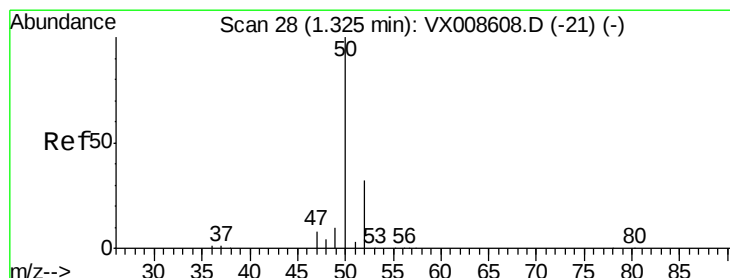
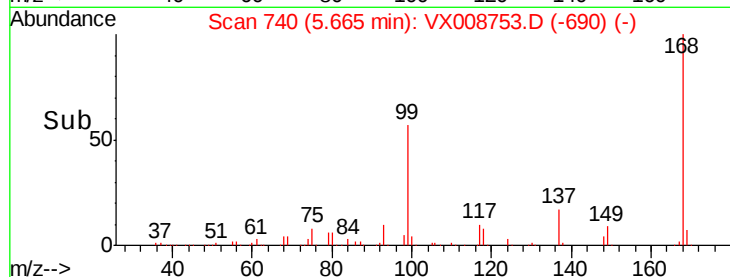
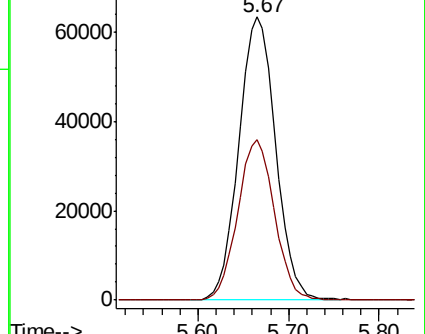
168 100

99 56.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: Below Cal

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008753.D

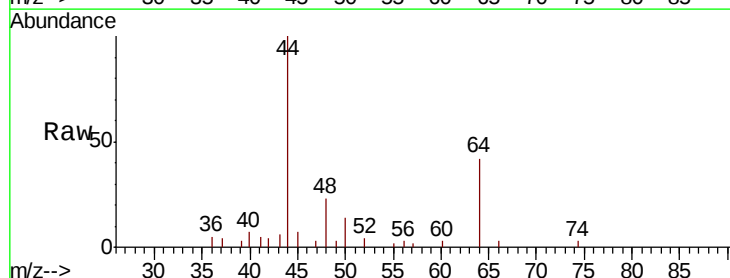
Acq: 08 Apr 2019 18:22

Tgt Ion: 50 Resp: 544

Ion Ratio Lower Upper

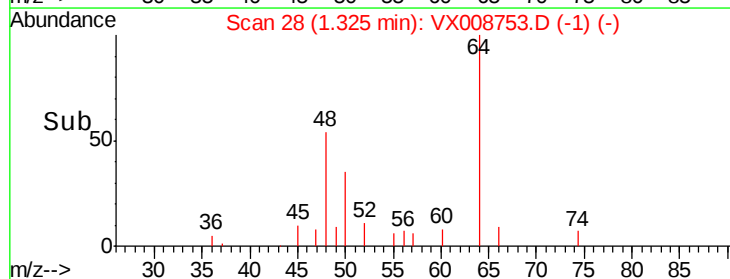
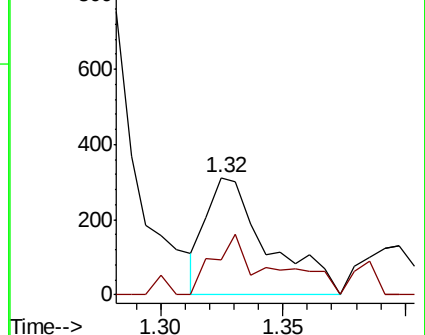
50 100

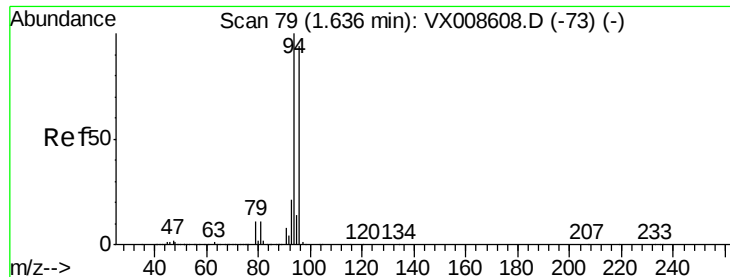
52 30.2 25.8 38.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 2.381 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampled :

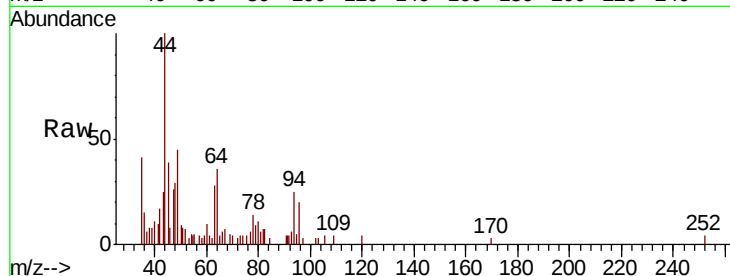
TP-14-S

Tot Ion: 94 Resp: 704

Ion Ratio Lower Upper

94 100

96 83.0 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

300

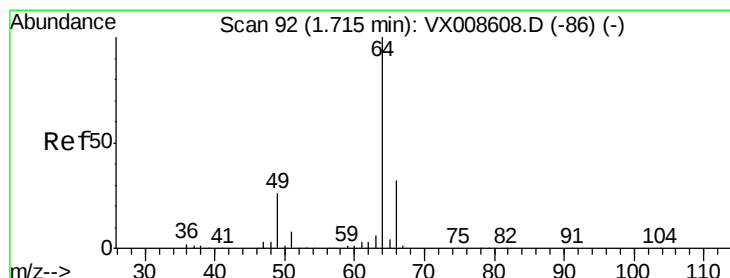
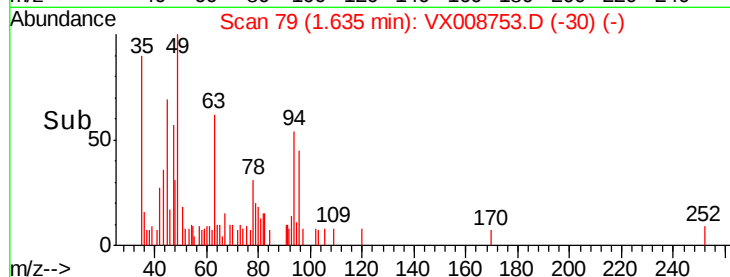
200

100

0

1.60 1.65 1.70

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX008753.D

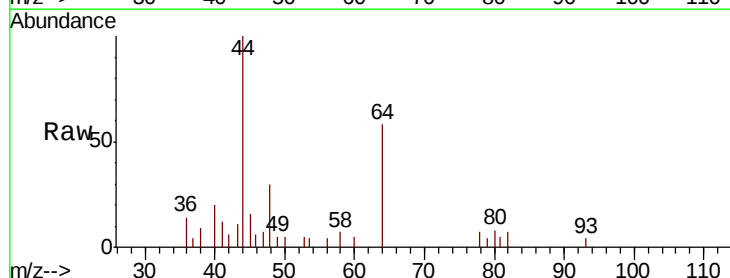
Acq: 08 Apr 2019 18:22

Tgt Ion: 64 Resp: 77

Ion Ratio Lower Upper

64 100

66 0.0 25.4 38.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

800

600

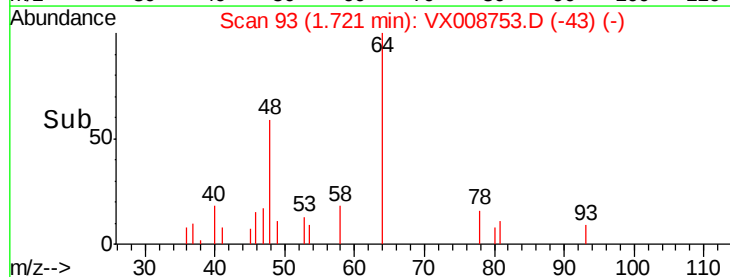
400

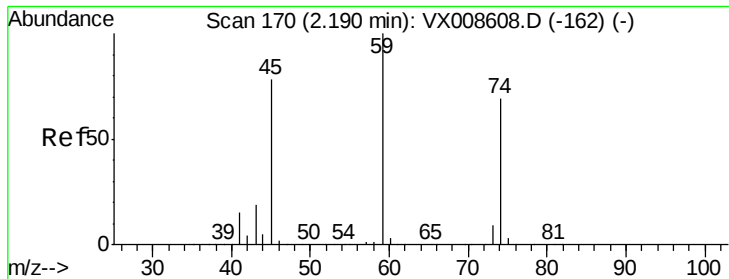
200

0

1.71 1.72 1.73 1.73

Time-->

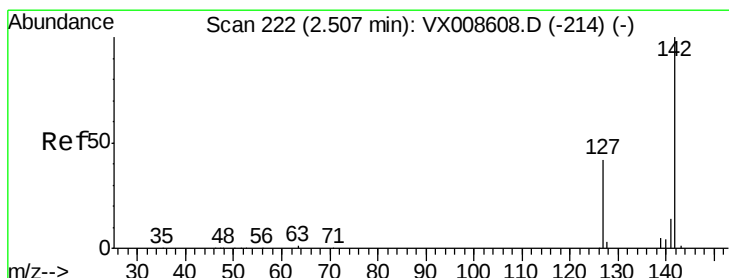
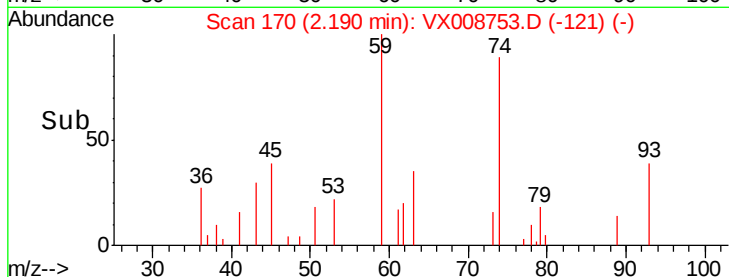
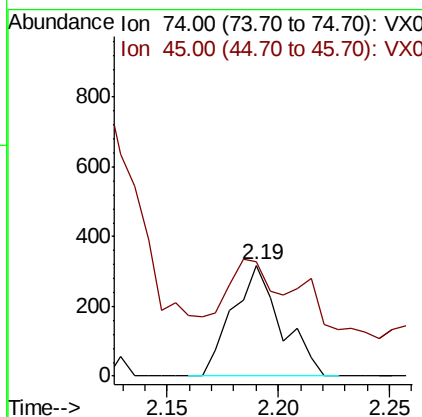
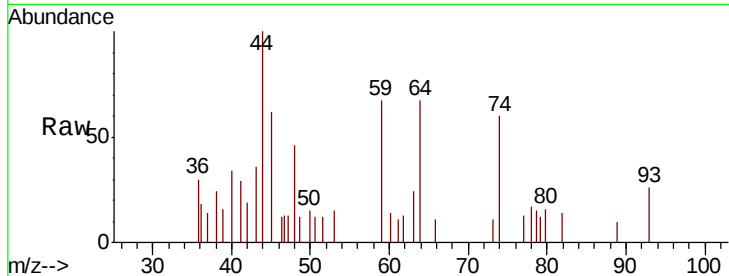




#8  
 Diethyl Ether  
 Concen: 0.332 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. -0.00 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

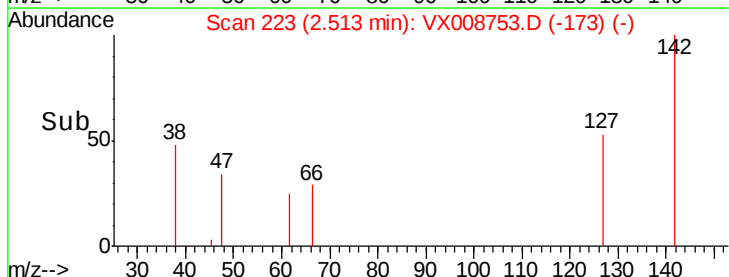
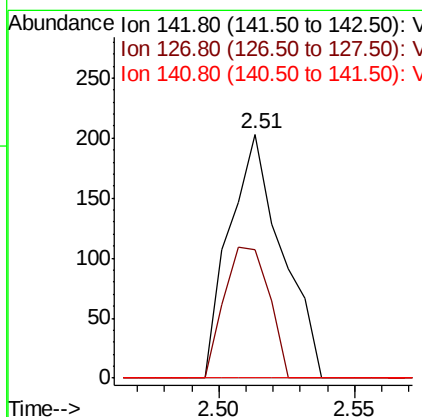
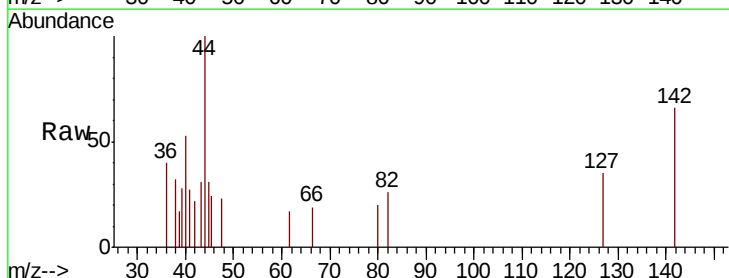
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 TP-14-S

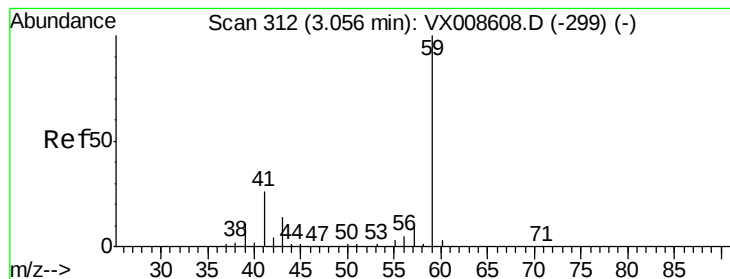
Tot Ion: 74 Resp: 483  
 Ion Ratio Lower Upper  
 74 100  
 45 43.3 56.5 169.5#



#10  
 Methyl Iodide  
 Concen: 4.142 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. 0.01 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Tgt Ion:142 Resp: 272  
 Ion Ratio Lower Upper  
 142 100  
 127 46.0 33.0 49.6  
 141 0.0 11.4 17.2#



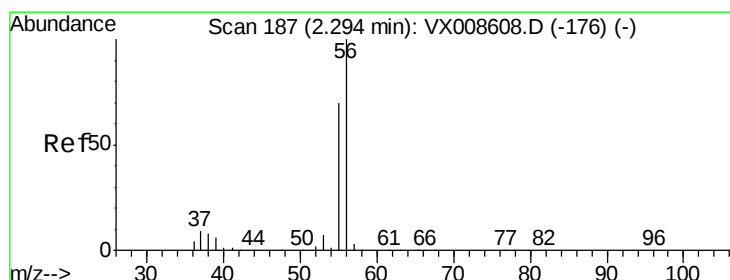
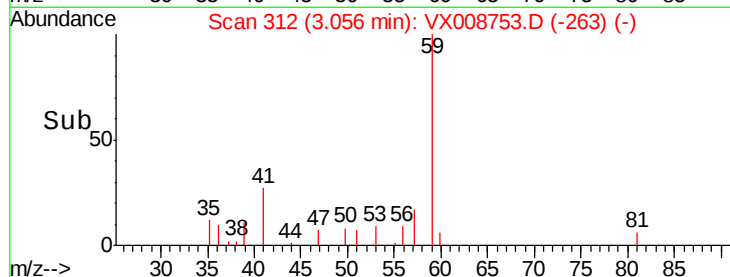
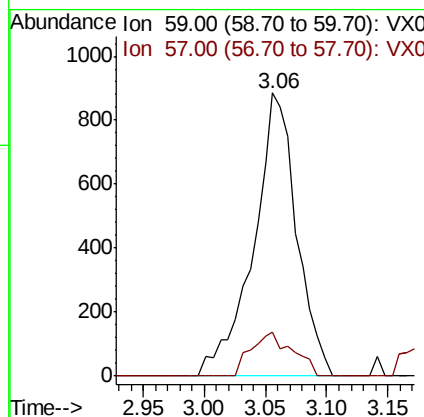
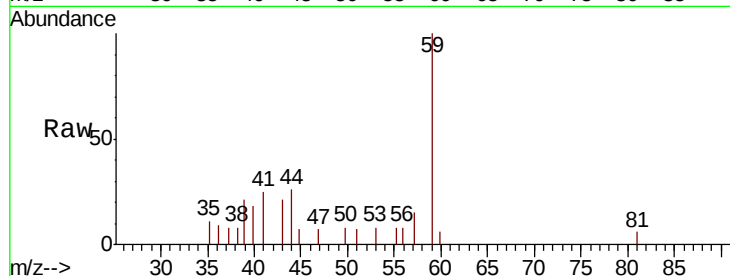


#11

Tert butyl alcohol  
 Concen: 3.571 ug/l  
 RT: 3.06 min Scan# 312  
 Delta R.T. -0.00 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 TP-14-S

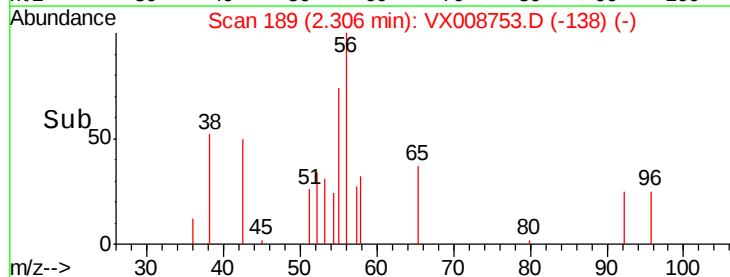
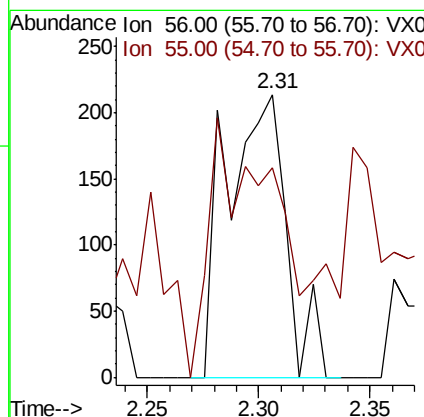
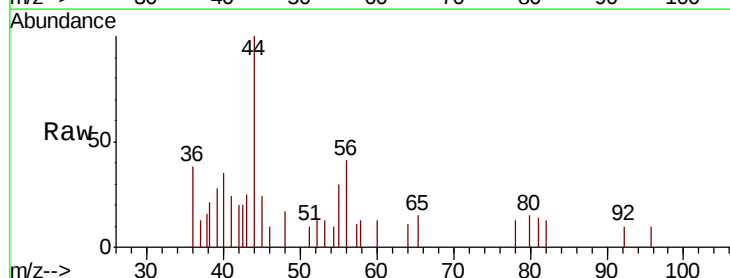
Tot Ion: 59 Resp: 2175  
 Ion Ratio Lower Upper  
 59 100  
 57 14.9 8.3 12.5#

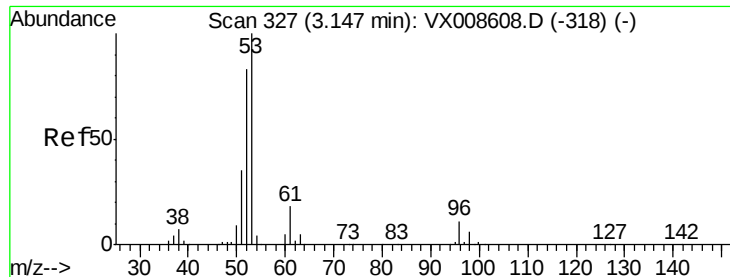


#13

Acrolein  
 Concen: 1.334 ug/l  
 RT: 2.31 min Scan# 189  
 Delta R.T. 0.01 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Tgt Ion: 56 Resp: 403  
 Ion Ratio Lower Upper  
 56 100  
 55 0.0 58.0 87.0#





#15

Acrylonitrile

Concen: 0.249 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampled :

TP-14-S

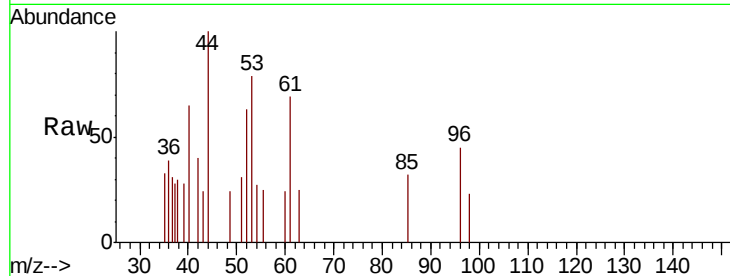
Tot Ion: 53 Resp: 401

Ion Ratio Lower Upper

53 100

52 75.8 66.5 99.7

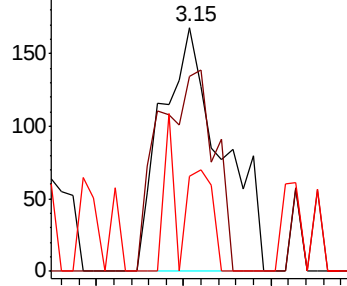
51 0.0 28.6 42.8#



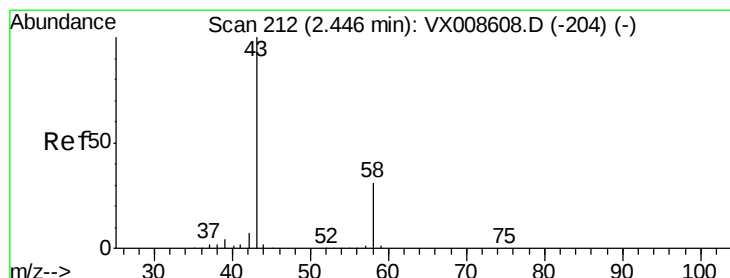
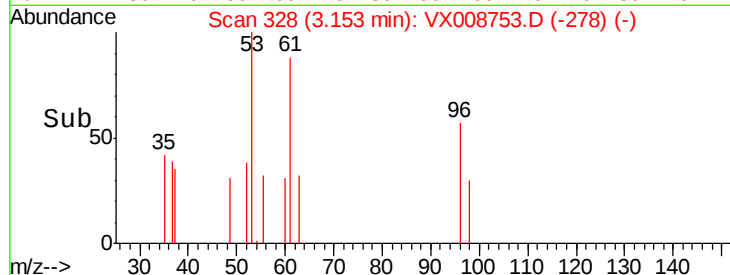
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 12.217 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008753.D

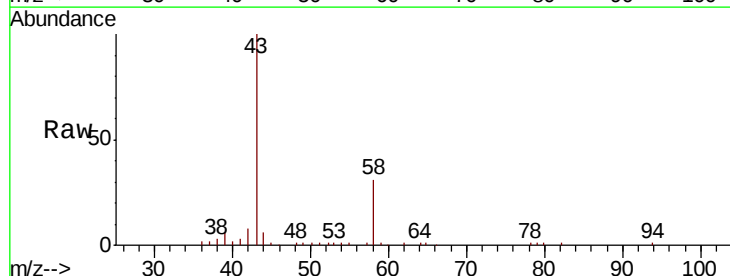
Acq: 08 Apr 2019 18:22

Tgt Ion: 43 Resp: 18307

Ion Ratio Lower Upper

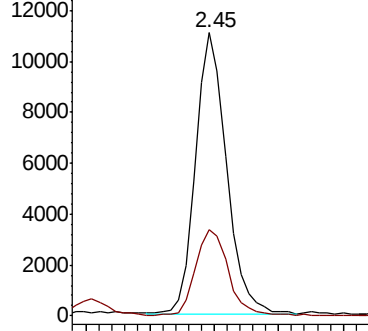
43 100

58 30.9 24.8 37.2

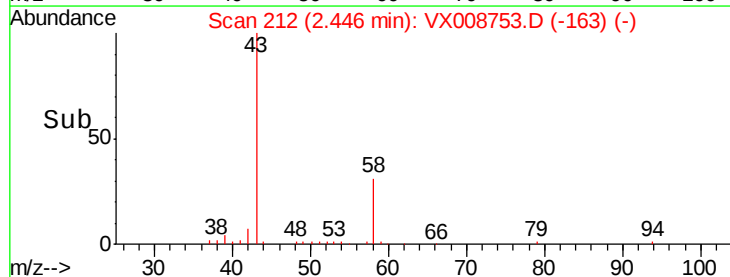


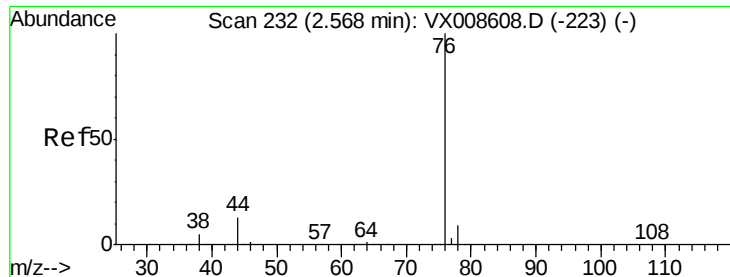
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampleId :

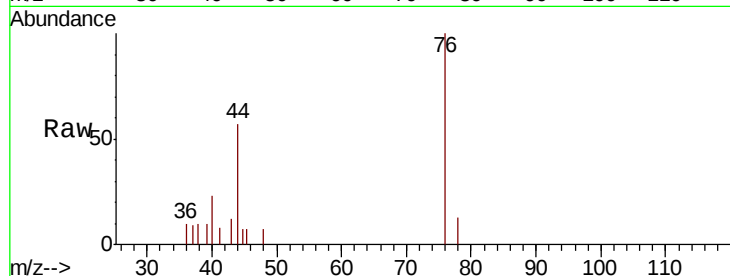
TP-14-S

Tot Ion: 76 Resp: 1624

Ion Ratio Lower Upper

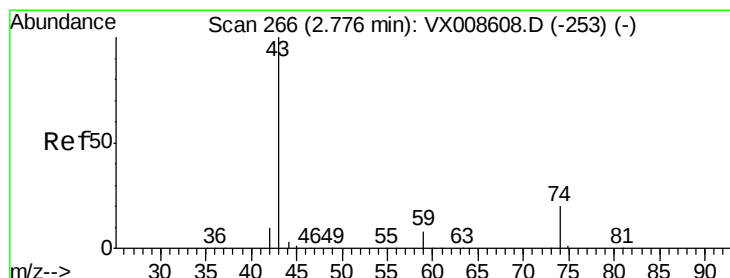
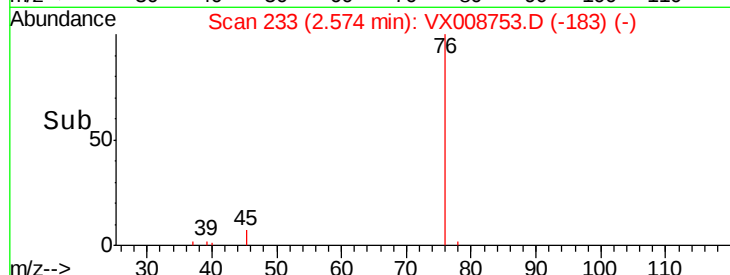
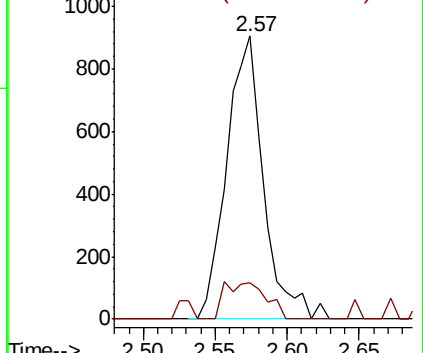
76 100

78 12.7 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 1.324 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX008753.D

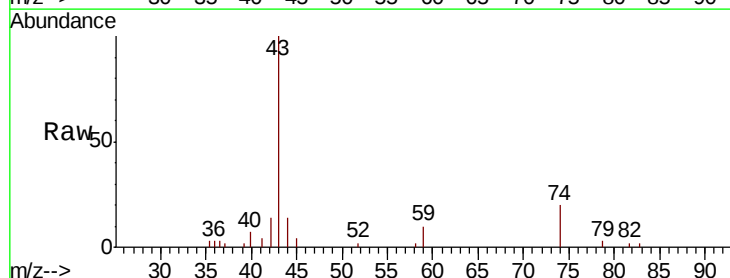
Acq: 08 Apr 2019 18:22

Tgt Ion: 43 Resp: 4813

Ion Ratio Lower Upper

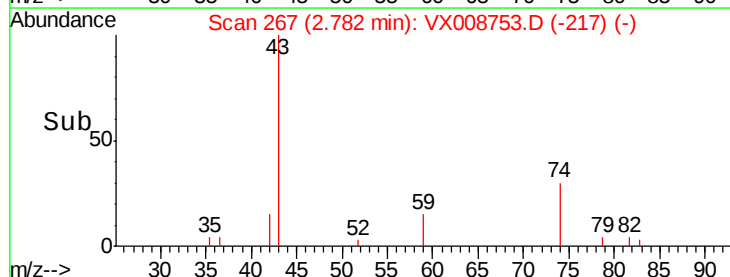
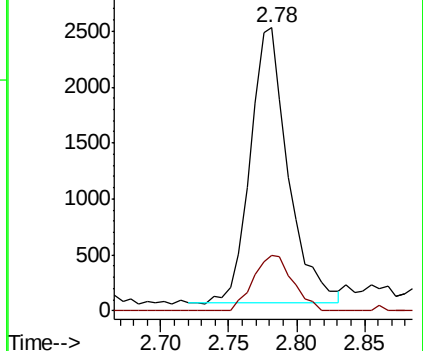
43 100

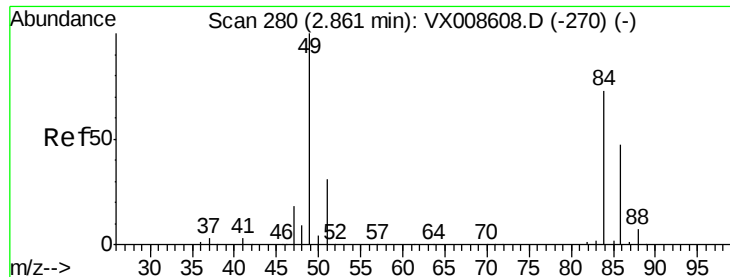
74 20.8 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

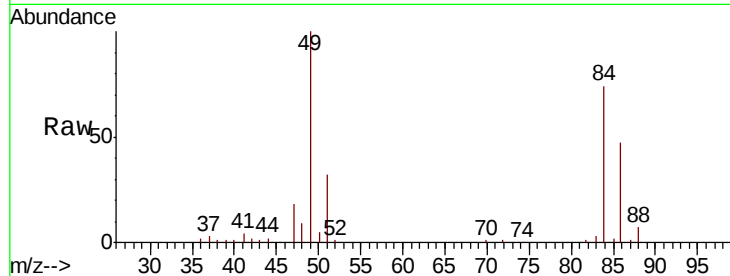




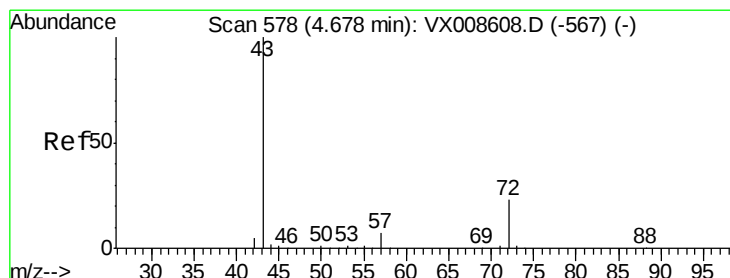
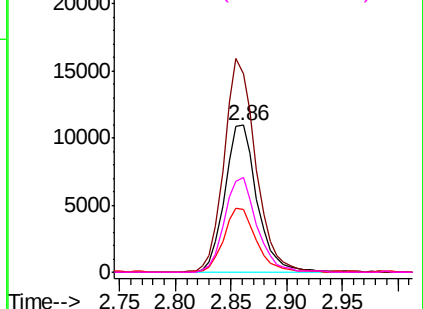
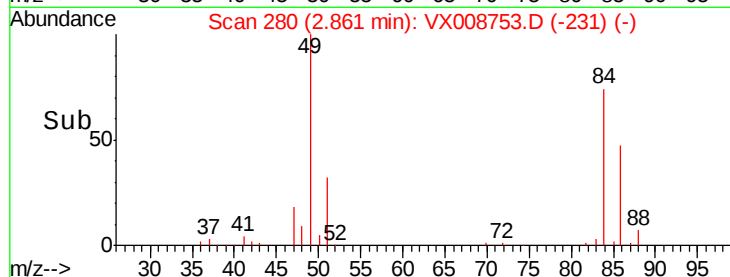
#20  
Methvlene Chloride  
Concen: 8.784 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-14-S

Tot Ion: 84 Resp: 22034  
Ion Ratio Lower Upper  
84 100  
49 134.6 109.7 164.5  
51 42.9 33.6 50.4  
86 64.0 51.4 77.2

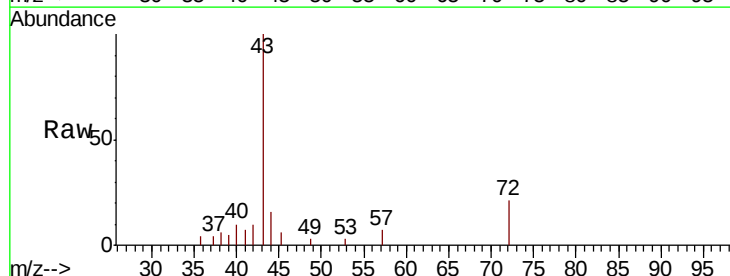


Abundance Ion 83.90 (83.60 to 84.60): VX0  
Ion 48.90 (48.60 to 49.60): VX0  
Ion 50.90 (50.60 to 51.60): VX0  
Ion 85.90 (85.60 to 86.60): VX0

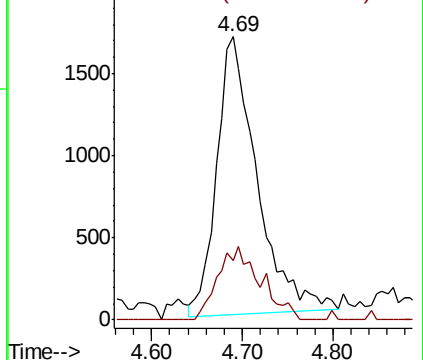
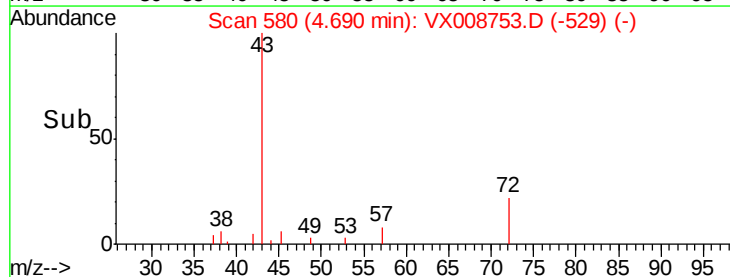


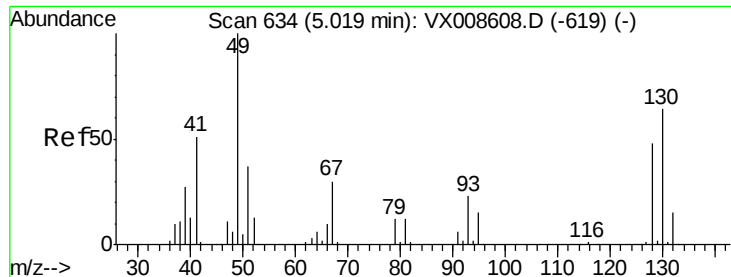
#25  
2-Butanone  
Concen: 2.207 ug/l  
RT: 4.69 min Scan# 580  
Delta R.T. 0.01 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Tgt Ion: 43 Resp: 5228  
Ion Ratio Lower Upper  
43 100  
72 21.8 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0





#28

Bromochloromethane

Concen: Below Cal

RT: 5.03 min Scan# 635

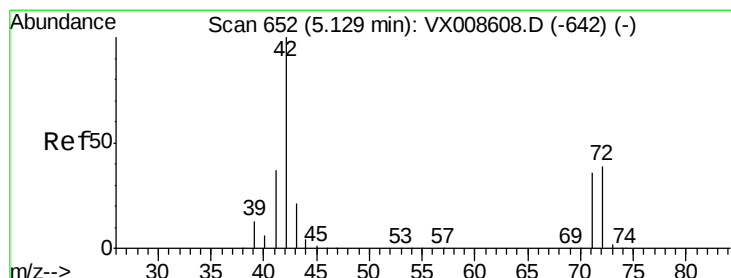
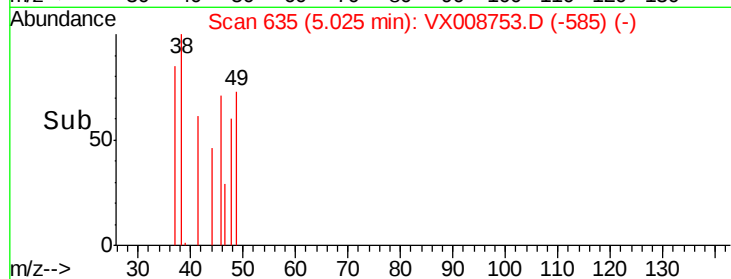
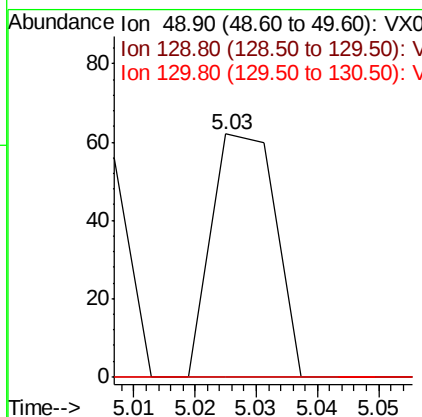
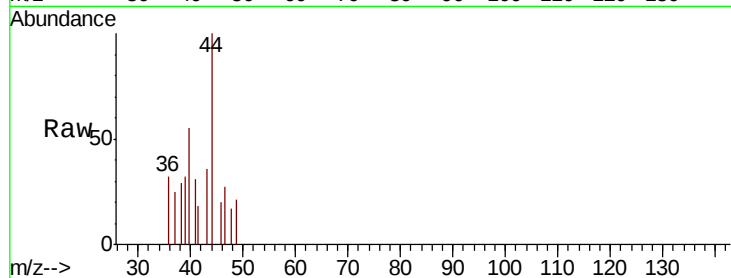
Delta R.T. 0.01 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :  
MSVOA\_X  
ClientSampled :  
TP-14-S

Tot Ion: 49 Resp: 45  
Ion Ratio Lower Upper  
49 100  
129 0.0 0.0 3.6  
130 0.0 49.3 73.9#



#29

Tetrahydrofuran

Concen: 1.251 ug/l

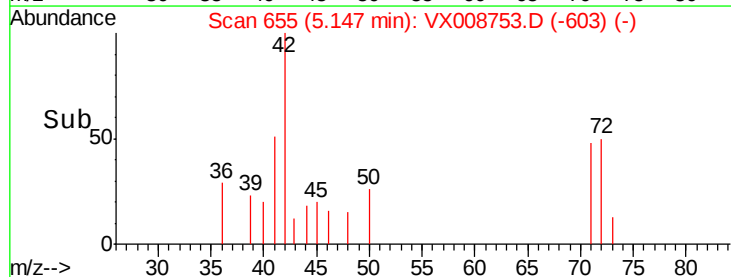
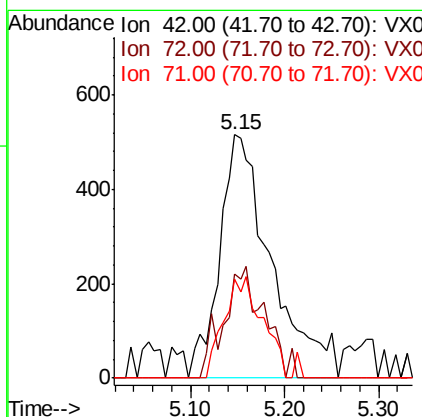
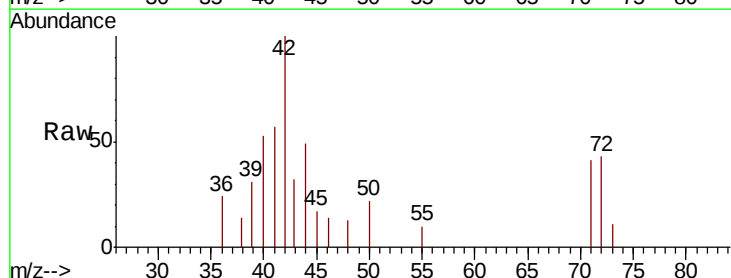
RT: 5.15 min Scan# 655

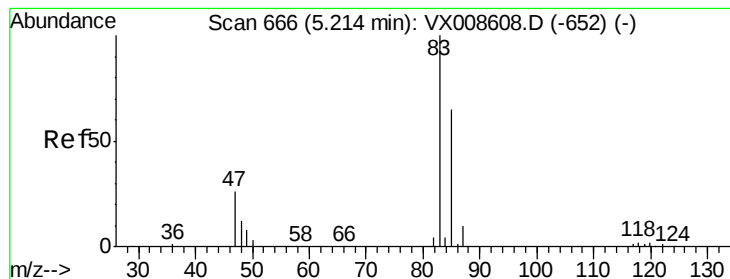
Delta R.T. 0.02 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Tgt Ion: 42 Resp: 1966  
Ion Ratio Lower Upper  
42 100  
72 31.7 30.5 45.7  
71 31.2 28.6 43.0





#30

Chloroform

Concen: 0.341 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampleId :

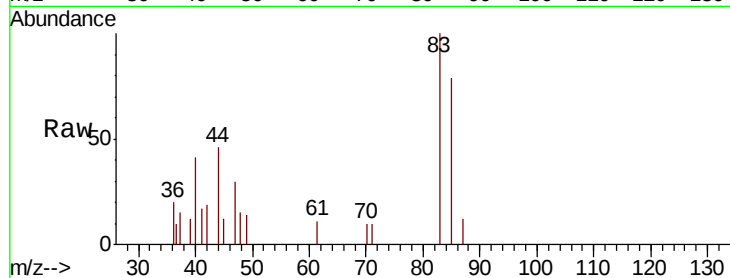
TP-14-S

Tot Ion: 83 Resp: 1372

Ion Ratio Lower Upper

83 100

85 79.1 52.1 78.1#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

5.21

600

500

400

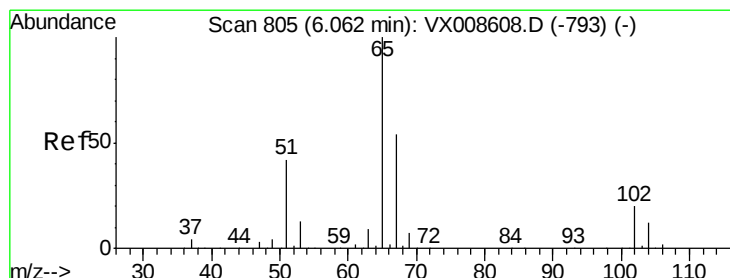
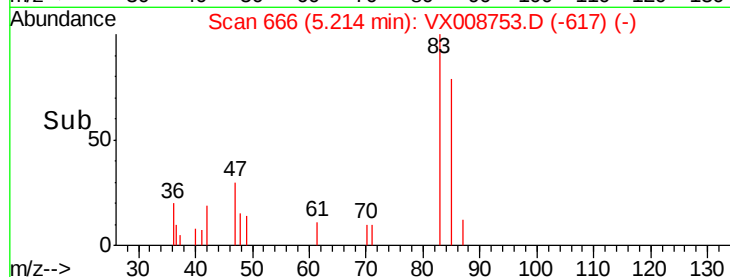
300

200

100

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.587 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX008753.D

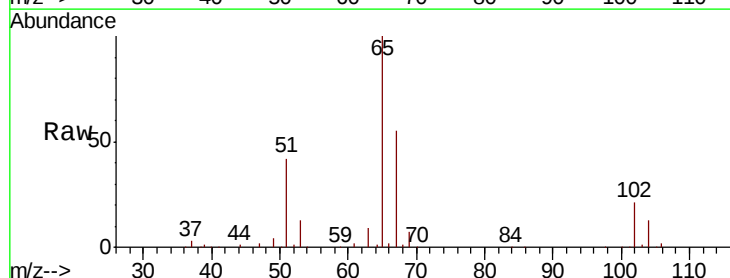
Acq: 08 Apr 2019 18:22

Tgt Ion: 65 Resp: 123812

Ion Ratio Lower Upper

65 100

67 54.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

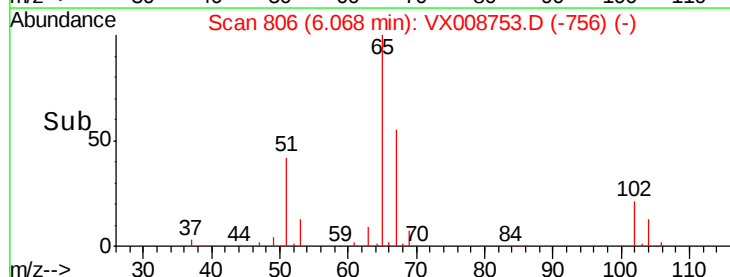
30000

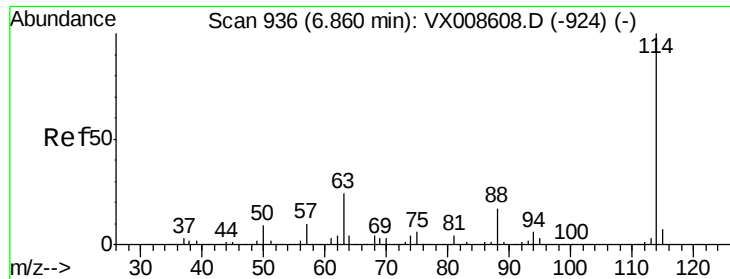
20000

10000

0

Time-->

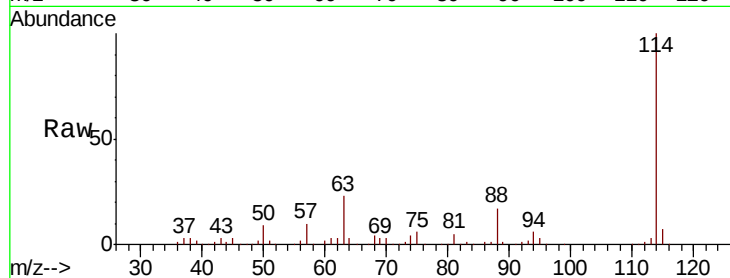




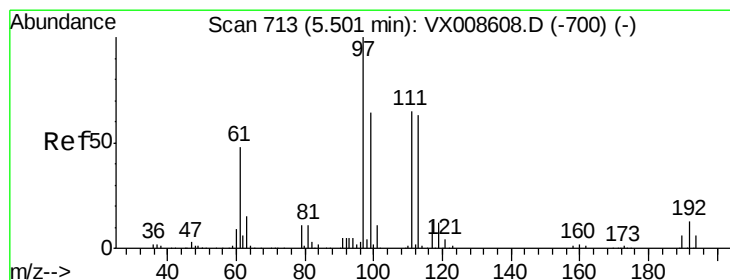
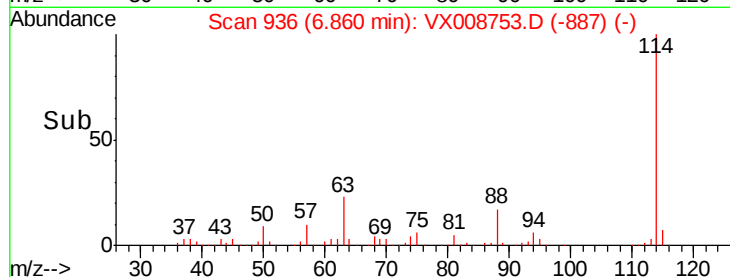
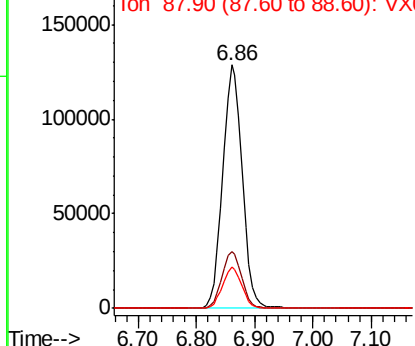
#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 6.86 min Scan# 936  
Delta R.T. -0.00 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-14-S

Tot Ion:114 Resp: 300442  
Ion Ratio Lower Upper  
114 100  
63 23.3 0.0 47.2  
88 16.9 0.0 34.0

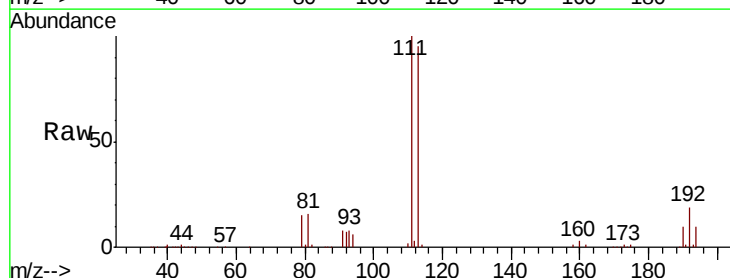


Abundance Ion 113.90 (113.60 to 114.60): V  
Ion 63.00 (62.70 to 63.70): VX0  
Ion 87.90 (87.60 to 88.60): VX0

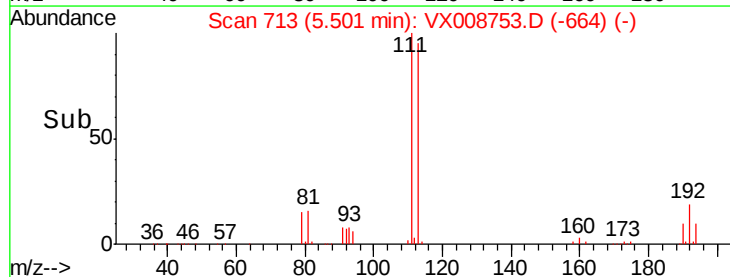
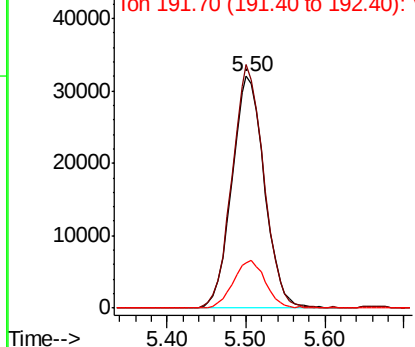


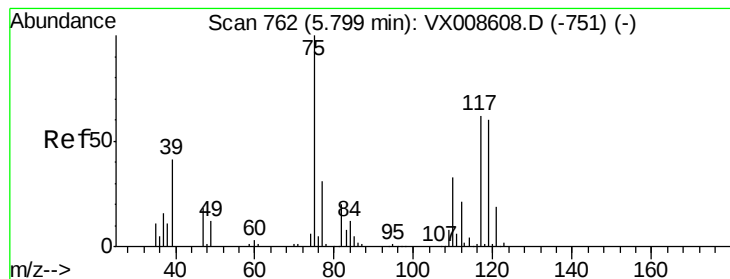
#35  
Dibromofluoromethane  
Concen: 47.771 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. -0.00 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Tgt Ion:113 Resp: 91764  
Ion Ratio Lower Upper  
113 100  
111 102.2 83.4 125.2  
192 20.4 16.1 24.1



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: 4.402 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampleId :

TP-14-S

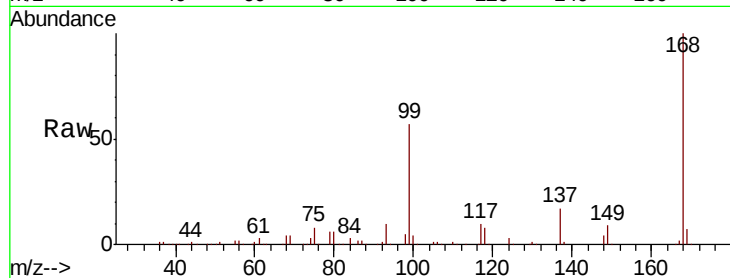
Tot Ion: 75 Resp: 14456

Ion Ratio Lower Upper

75 100

110 9.1 16.4 49.2#

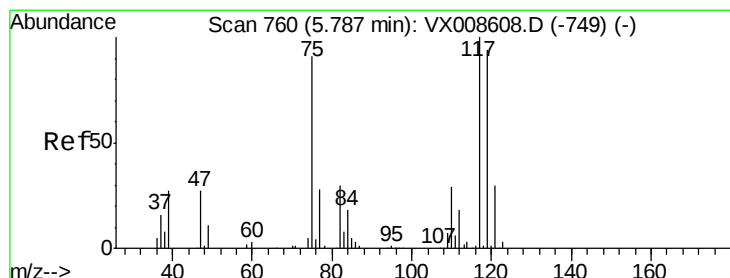
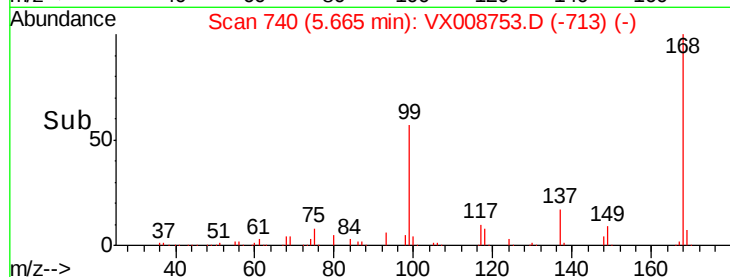
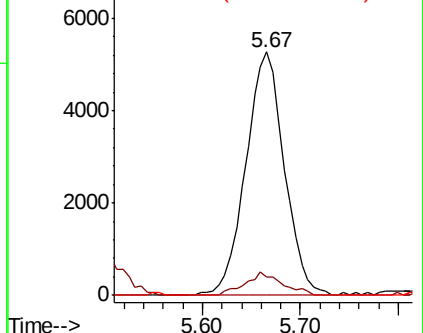
77 0.0 24.7 37.1#



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: 6.329 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

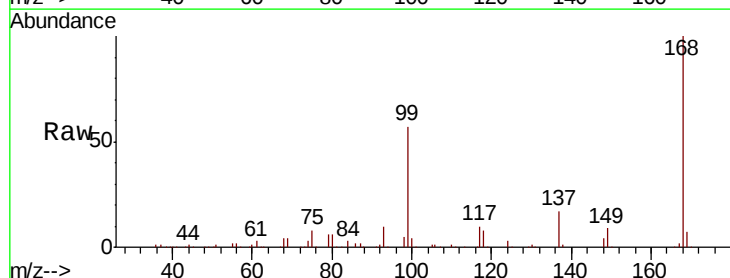
Tgt Ion: 117 Resp: 17202

Ion Ratio Lower Upper

117 100

119 4.4 75.0 112.6#

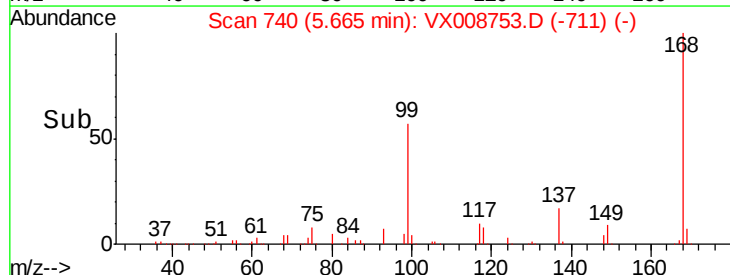
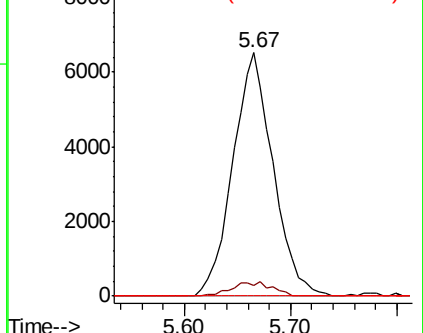
121 0.0 24.3 36.5#

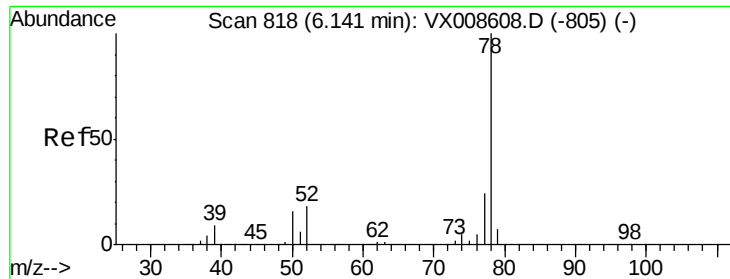


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#40

Benzene

Concen: 0.386 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampled :

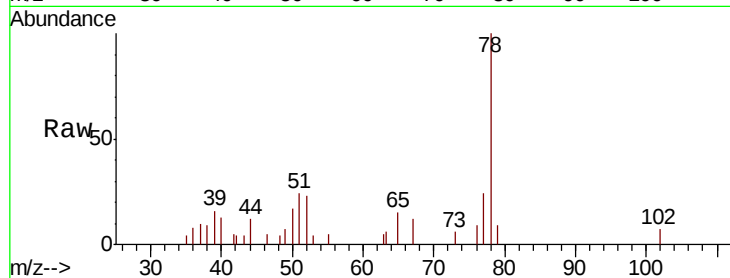
TP-14-S

Tot Ion: 78 Resp: 3780

Ion Ratio Lower Upper

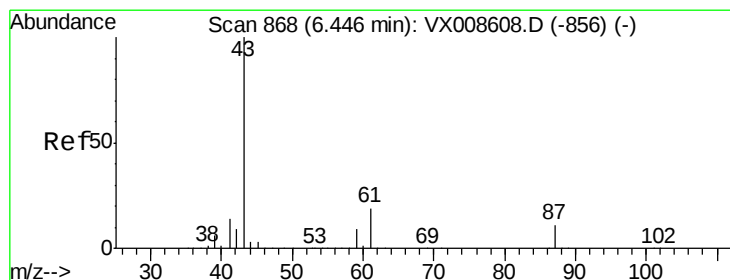
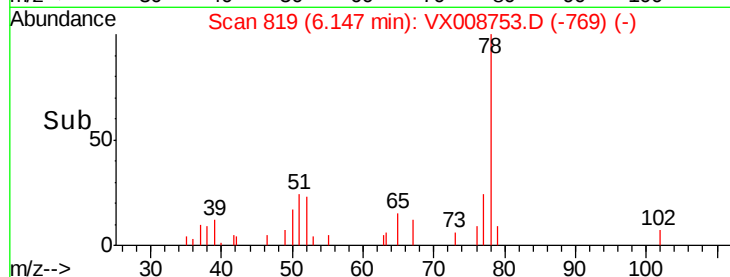
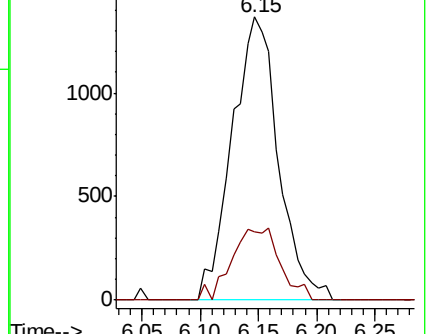
78 100

77 24.4 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 1.777 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

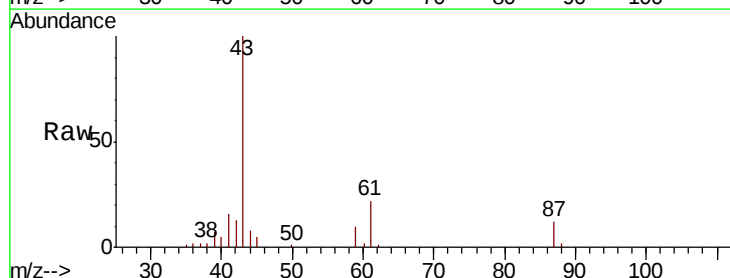
Tgt Ion: 43 Resp: 12200

Ion Ratio Lower Upper

43 100

61 20.4 15.3 22.9

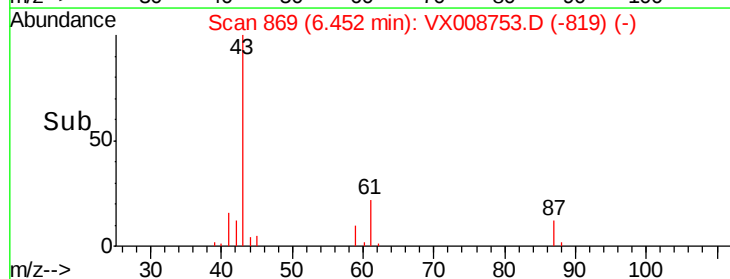
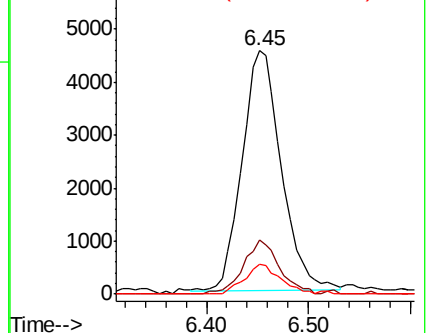
87 11.2 9.0 13.6

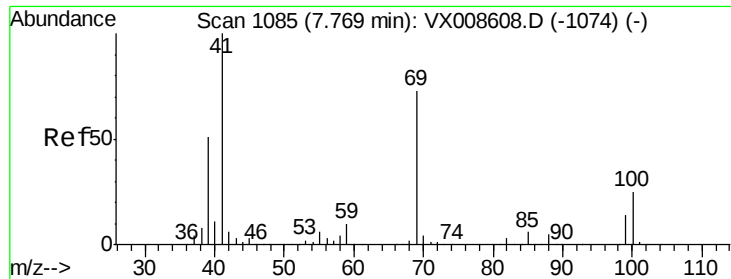


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#48

Methvl methacrylate

Concen: 2.490 ug/l

RT: 7.68 min Scan# 1070

Delta R.T. -0.09 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampleId :

TP-14-S

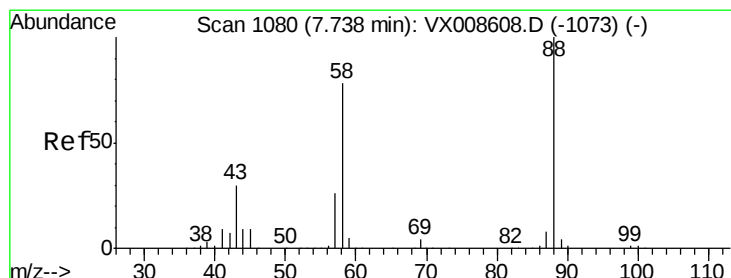
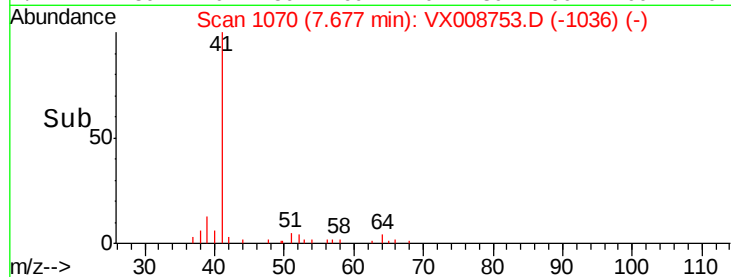
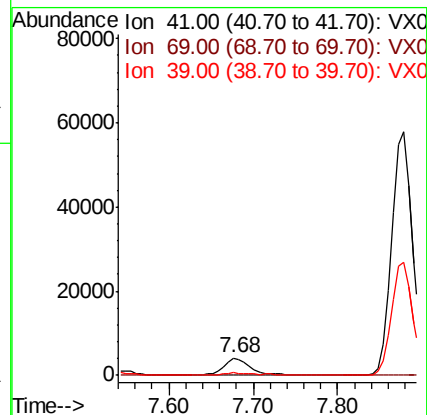
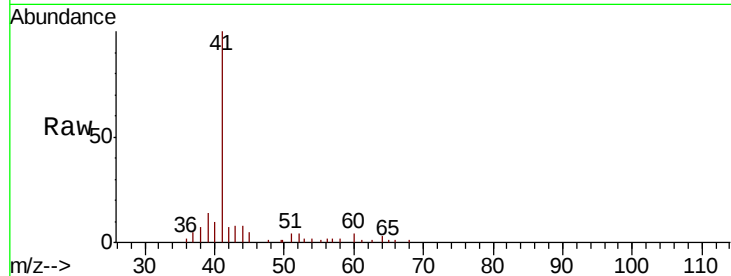
Tot Ion: 41 Resp: 8650

Ion Ratio Lower Upper

41 100

69 0.0 59.0 88.4#

39 0.0 41.0 61.4#



#49

1,4-Dioxane

Concen: 2.889 ug/l

RT: 7.87 min Scan# 1102

Delta R.T. 0.13 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

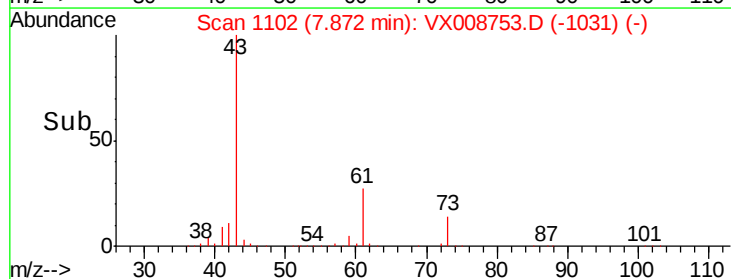
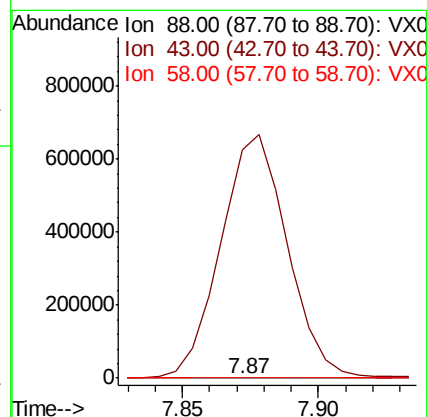
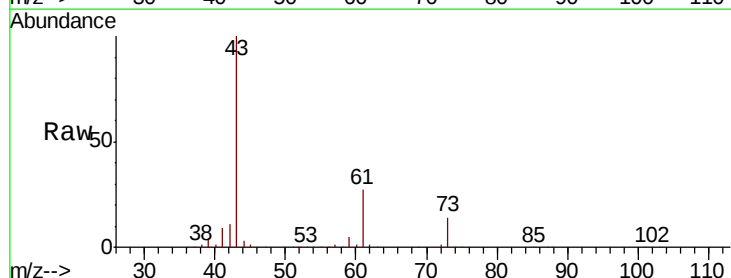
Tgt Ion: 88 Resp: 188

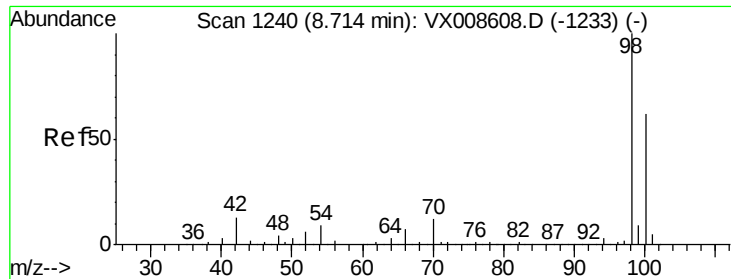
Ion Ratio Lower Upper

88 100

43 607668.6 28.6 43.0#

58 2337.2 62.2 93.2#





#50

Toluene-d8

Concen: 48.552 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampled :

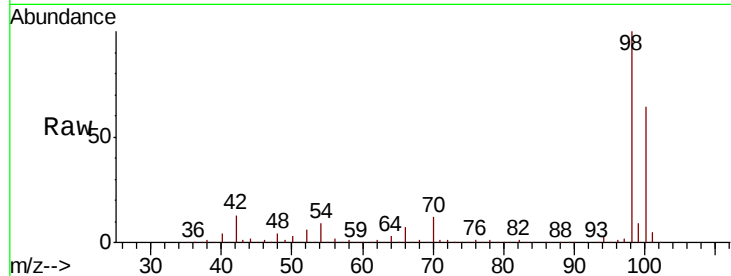
TP-14-S

Tot Ion: 98 Resp: 371351

Ion Ratio Lower Upper

98 100

100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

250000

200000

150000

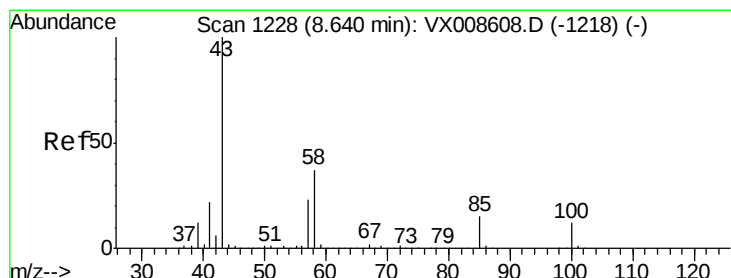
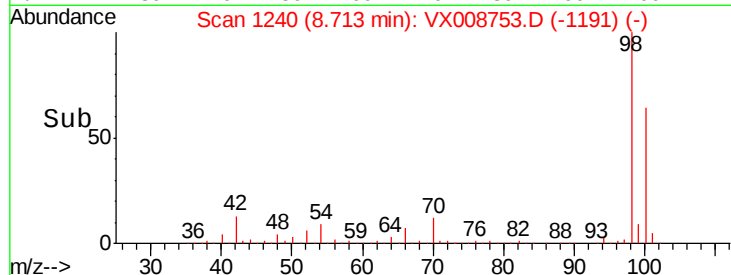
100000

50000

0

Time-->

8.60 8.70 8.80 8.90



#51

4-Methyl-2-Pentanone

Concen: 19.144 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.02 min

Lab File: VX008753.D

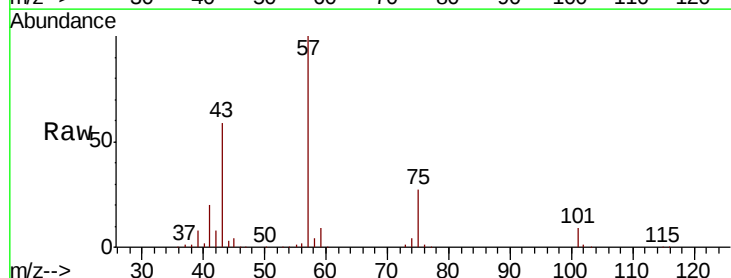
Acq: 08 Apr 2019 18:22

Tgt Ion: 43 Resp: 84628

Ion Ratio Lower Upper

43 100

58 8.0 29.5 44.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

60000

50000

40000

30000

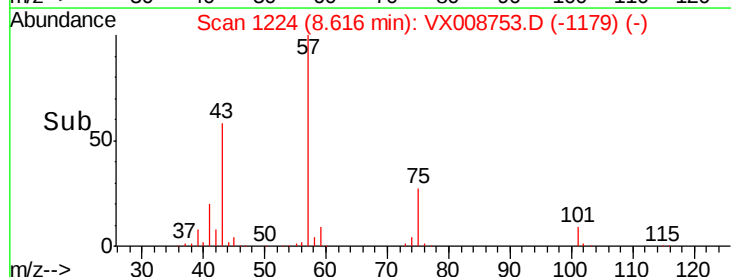
20000

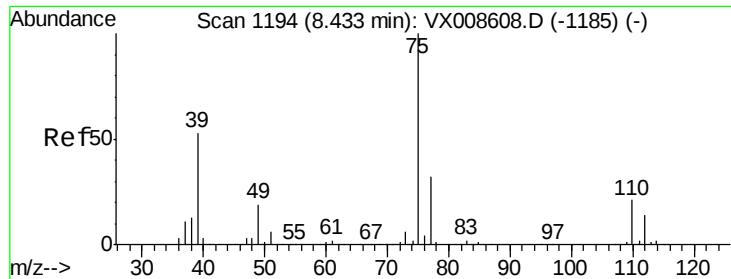
10000

0

Time-->

8.50 8.60 8.70



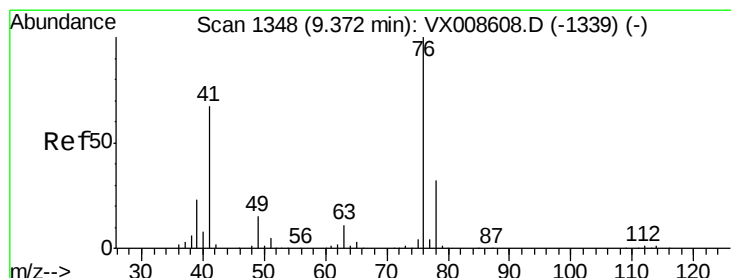
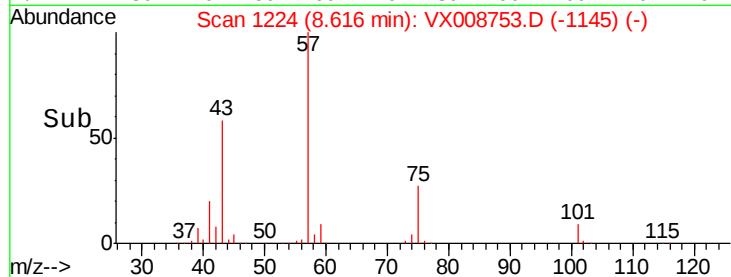
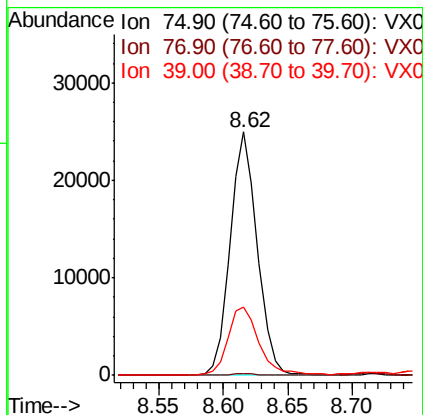
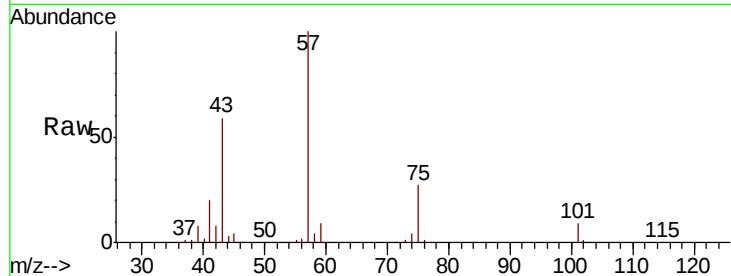


#54

cis-1,3-Dichloropropene  
 Concen: 9.393 ug/l  
 RT: 8.62 min Scan# 1224  
 Delta R.T. 0.18 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-14-S

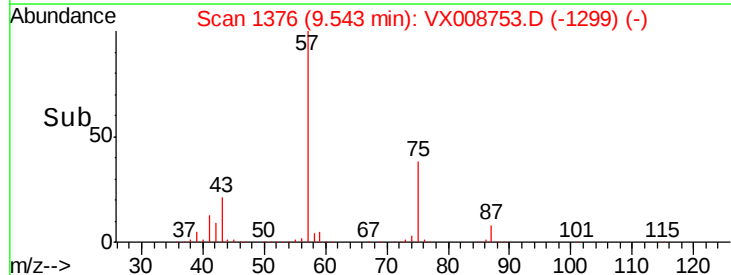
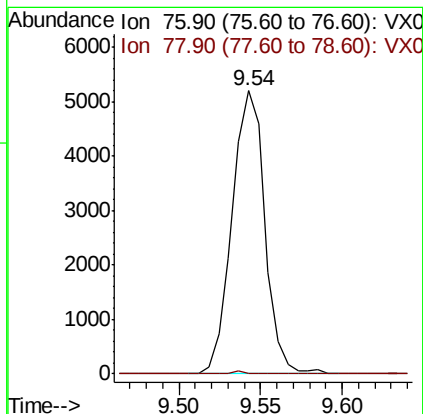
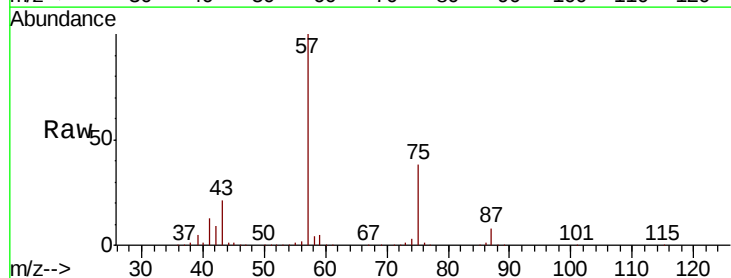
Tot Ion: 75 Resp: 36715  
 Ion Ratio Lower Upper  
 75 100  
 77 0.6 25.3 37.9#  
 39 27.7 42.6 63.8#

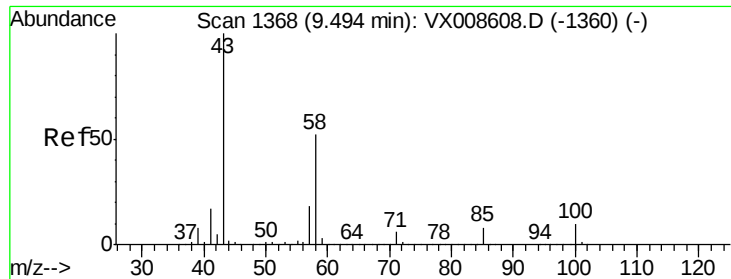


#57

1,3-Dichloropropane  
 Concen: 1.748 ug/l  
 RT: 9.54 min Scan# 1376  
 Delta R.T. 0.17 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Tgt Ion: 76 Resp: 7269  
 Ion Ratio Lower Upper  
 76 100  
 78 0.3 25.6 38.4#

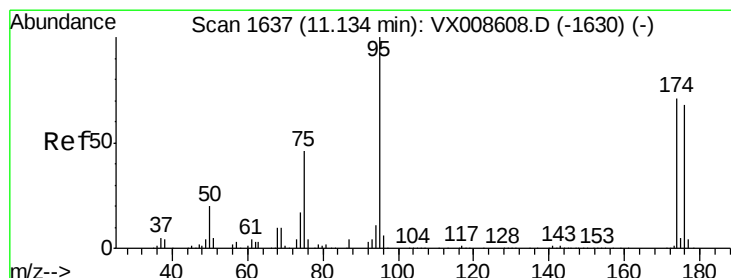
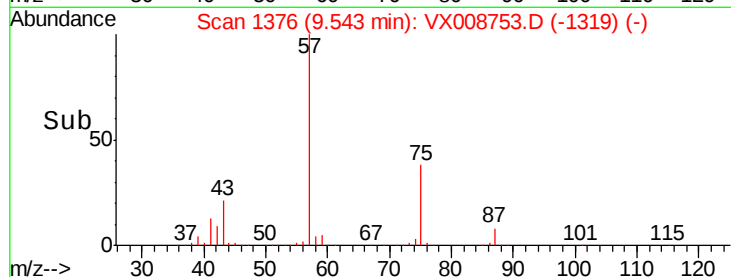
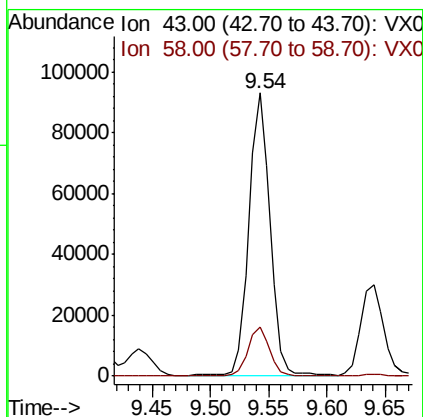
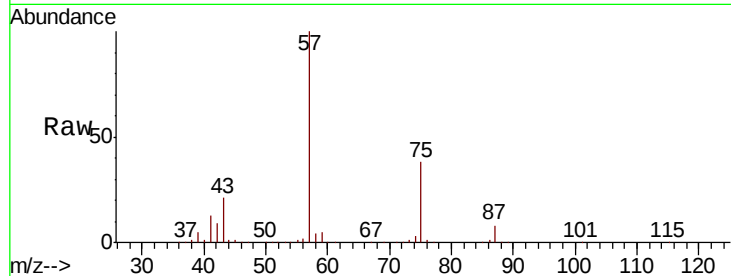




#59  
2-Hexanone  
Concen: 34.520 ug/l  
RT: 9.54 min Scan# 1376  
Delta R.T. 0.05 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

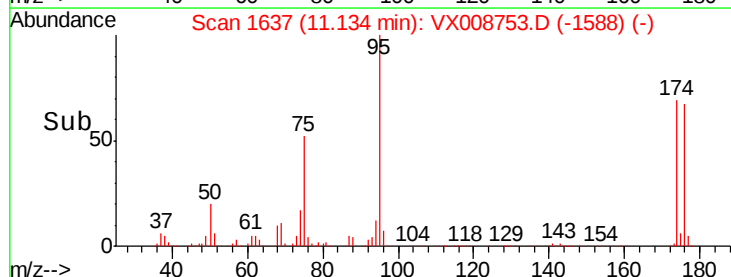
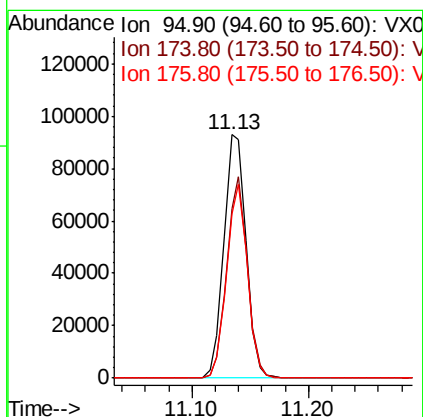
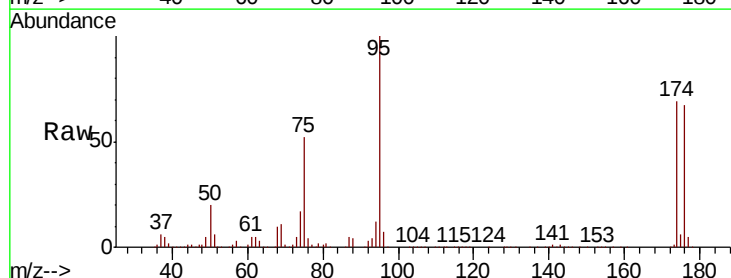
Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-14-S

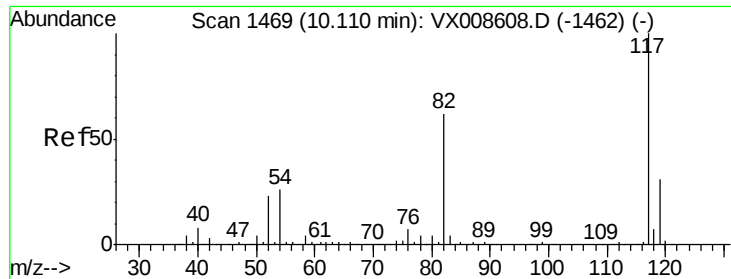
Tot Ion: 43 Resp: 118590  
Ion Ratio Lower Upper  
43 100  
58 18.1 25.9 77.7#



#62  
4-Bromofluorobenzene  
Concen: 45.190 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Tgt Ion: 95 Resp: 122570  
Ion Ratio Lower Upper  
95 100  
174 77.1 0.0 151.8  
176 74.9 0.0 145.8

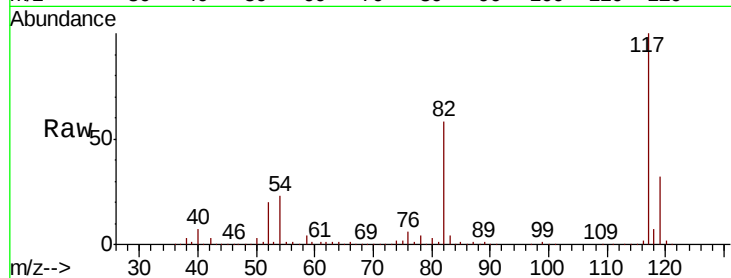




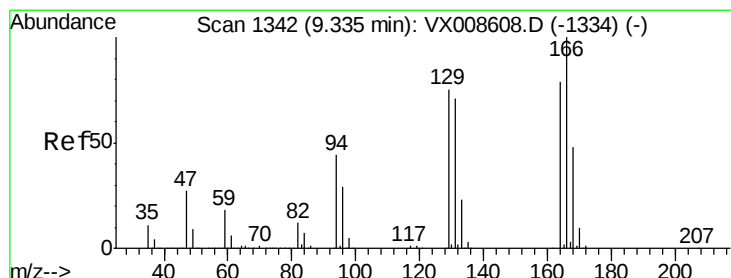
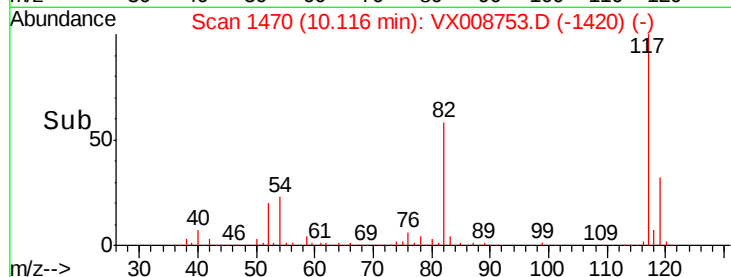
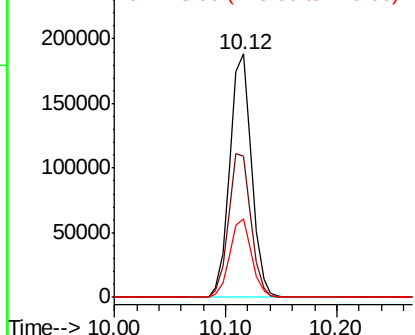
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Instrument :  
MSVOA\_X  
ClientSampled :  
TP-14-S

Tot Ion:117 Resp: 254767  
Ion Ratio Lower Upper  
117 100  
82 57.9 49.6 74.4  
119 32.2 25.0 37.4



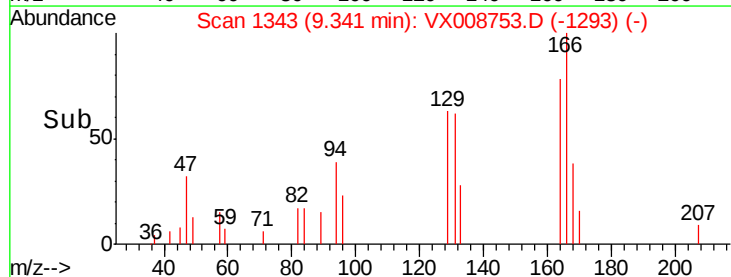
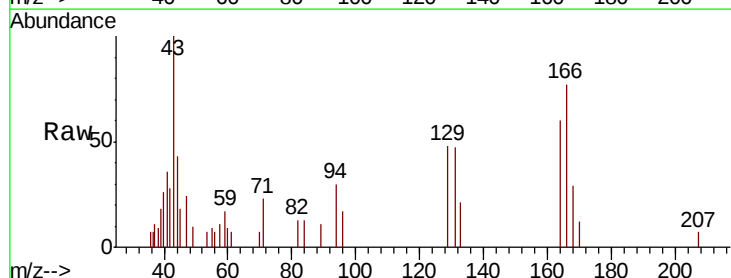
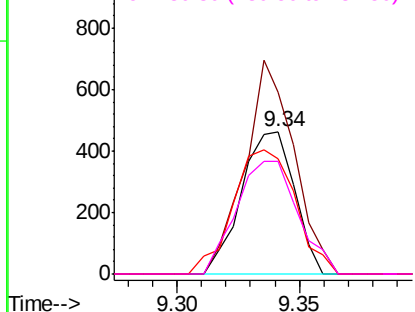
Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

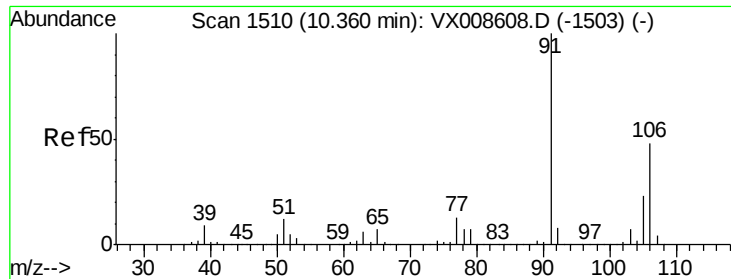


#64  
Tetrachloroethene  
Concen: 0.369 ug/l  
RT: 9.34 min Scan# 1343  
Delta R.T. 0.01 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Tgt Ion:164 Resp: 696  
Ion Ratio Lower Upper  
164 100  
166 128.1 101.0 151.6  
129 81.0 75.8 113.8  
131 78.8 71.8 107.8

Abundance Ion 163.80 (163.50 to 164.50): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.80 (128.50 to 129.50): V  
Ion 130.80 (130.50 to 131.50): V

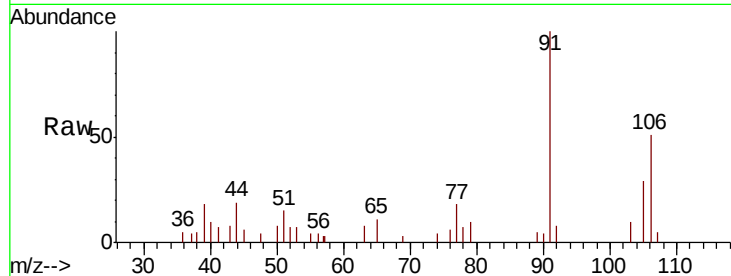




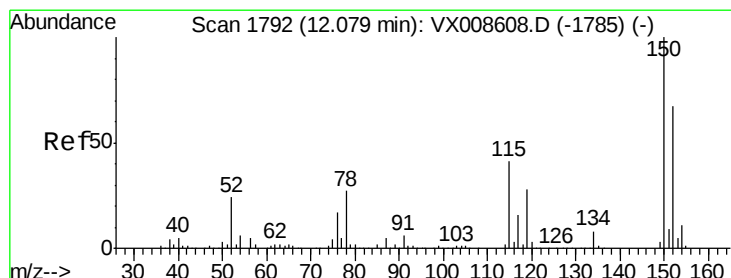
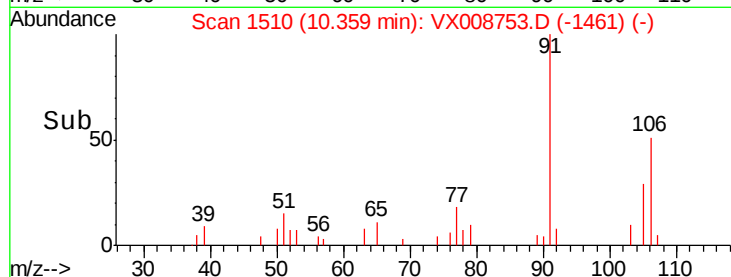
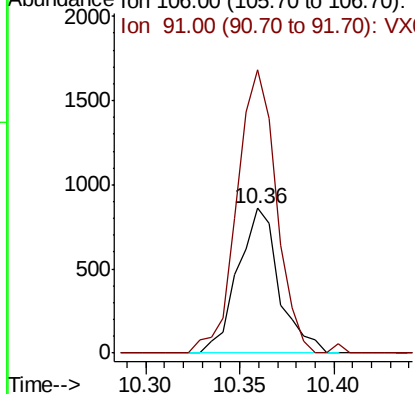
#68  
m/p-Xvlenes  
Concen: 0.346 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Instrument :  
MSVOA\_X  
ClientSampleId :  
TP-14-S

Tot Ion:106 Resp: 1310  
Ion Ratio Lower Upper  
106 100  
91 186.3 168.5 252.7

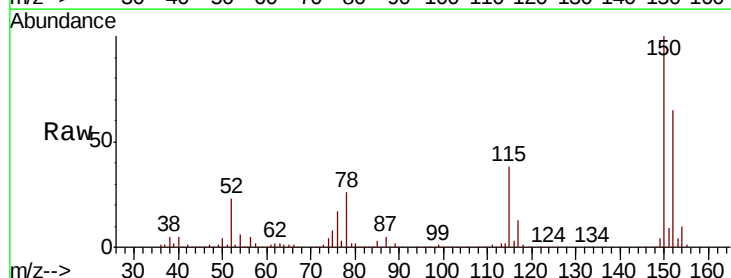


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

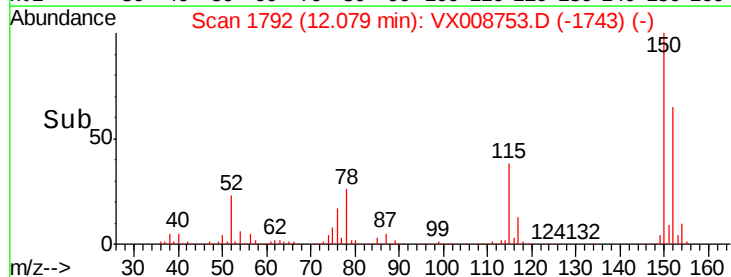
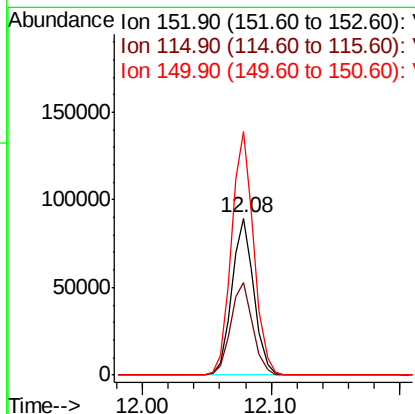


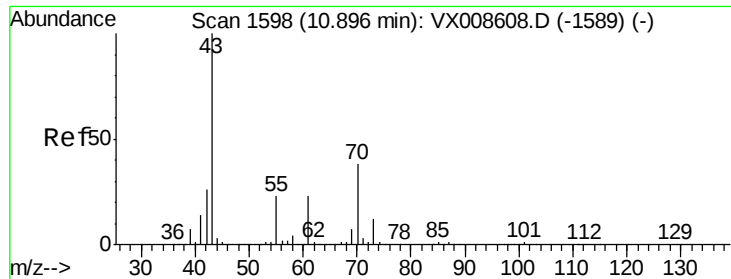
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX008753.D  
Acq: 08 Apr 2019 18:22

Tgt Ion:152 Resp: 106736  
Ion Ratio Lower Upper  
152 100  
115 59.6 43.5 130.5  
150 156.5 0.0 348.8



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: 1.895 ug/l

RT: 10.69 min Scan# 1565

Delta R.T. -0.20 min

Lab File: VX008753.D

Acq: 08 Apr 2019 18:22

Instrument :

MSVOA\_X

ClientSampleId :

TP-14-S

Tot Ion: 43 Resp: 9862

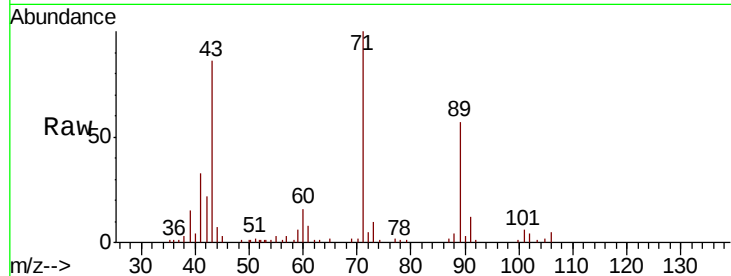
Ion Ratio Lower Upper

43 100

70 2.0 30.2 45.4#

55 4.4 18.2 27.4#

61 10.7 18.6 28.0#

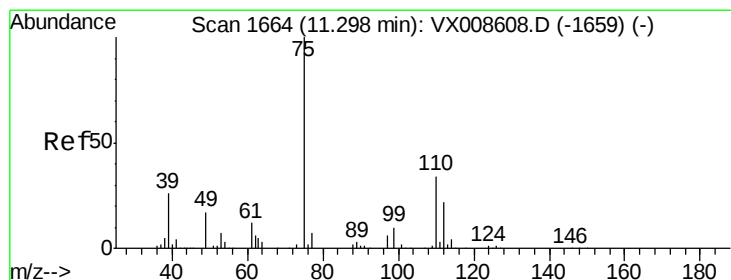
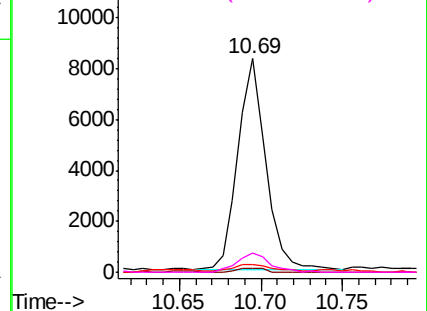
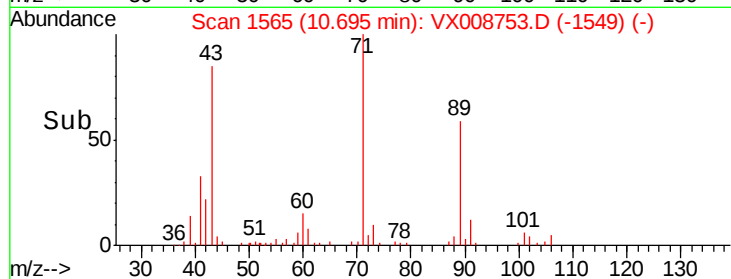


Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 21.370 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX008753.D

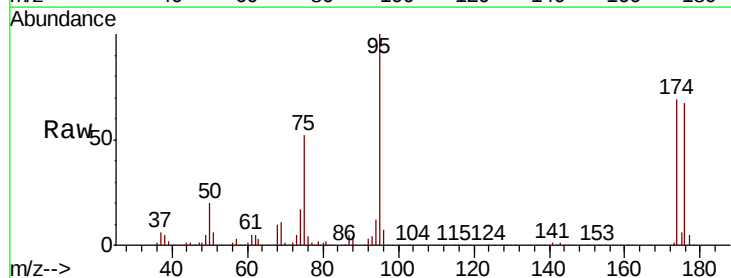
Acq: 08 Apr 2019 18:22

Tgt Ion: 75 Resp: 62661

Ion Ratio Lower Upper

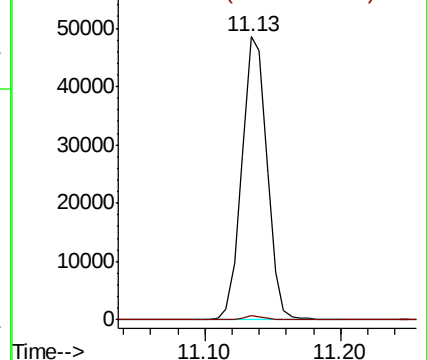
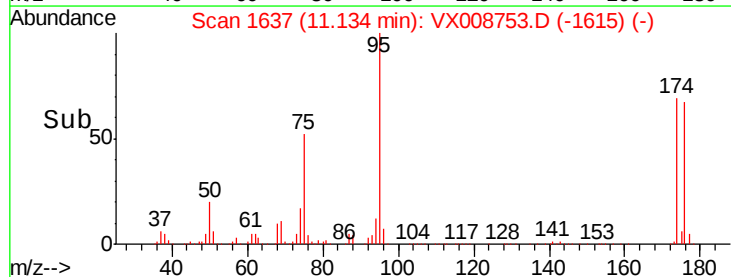
75 100

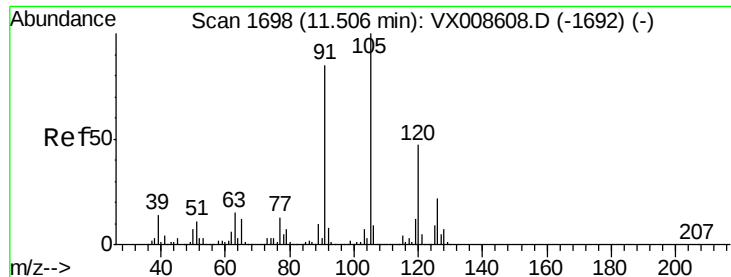
77 1.4 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

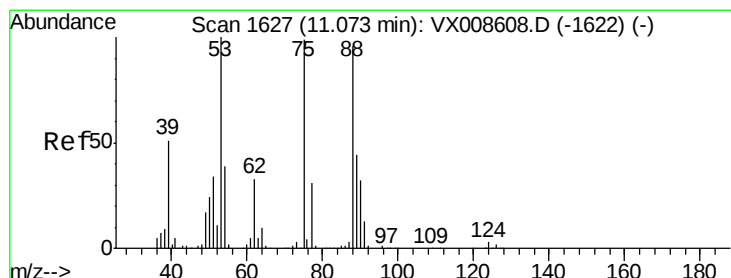
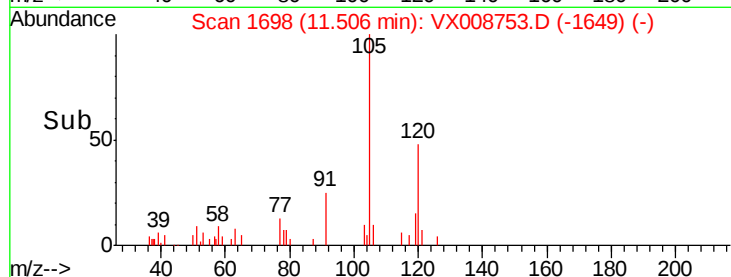
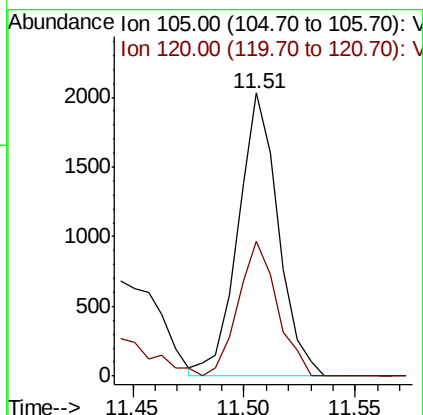
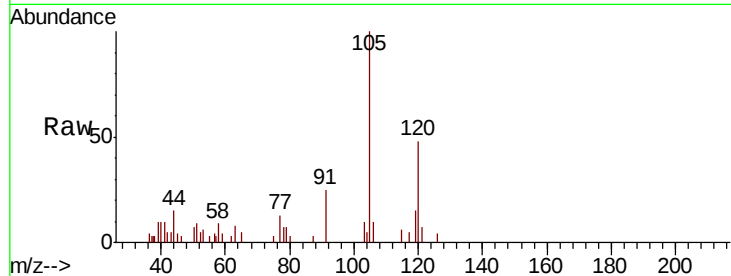




#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.344 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

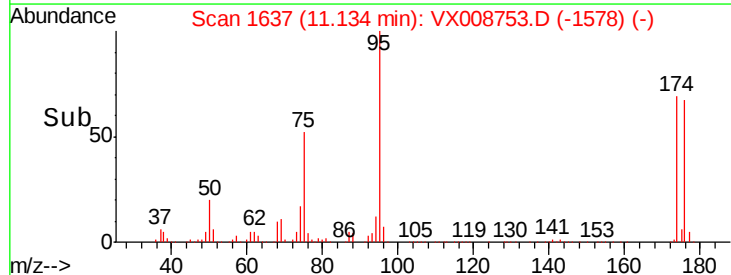
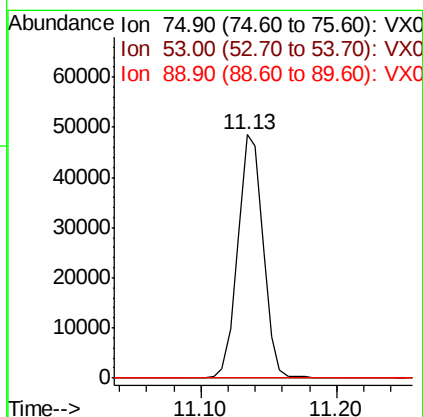
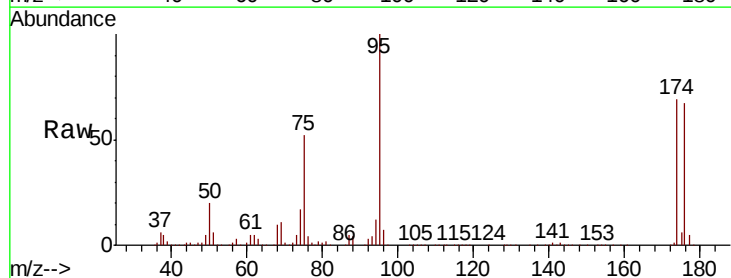
Instrument :  
 MSVOA\_X  
 ClientSampled :  
 TP-14-S

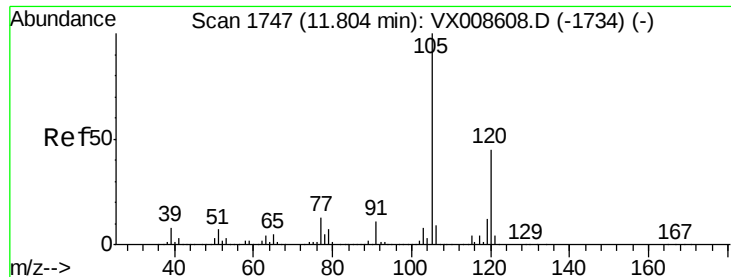
Tot Ion:105 Resp: 2551  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.5 70.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 58.909 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.06 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Tgt Ion: 75 Resp: 62661  
 Ion Ratio Lower Upper  
 75 100  
 53 0.2 81.3 121.9#  
 89 0.0 35.6 53.4#

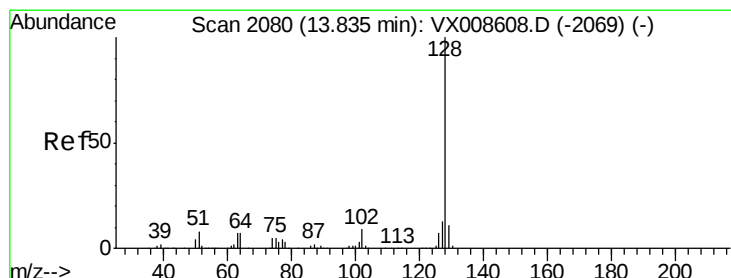
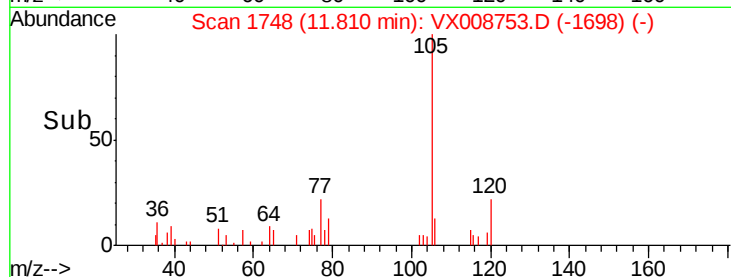
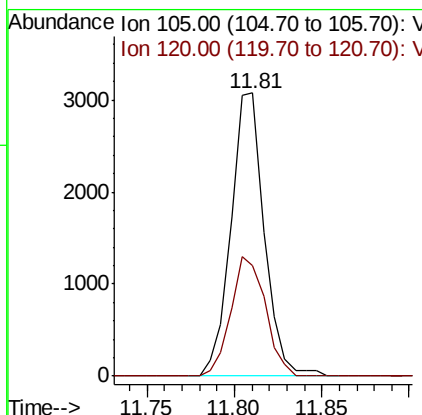
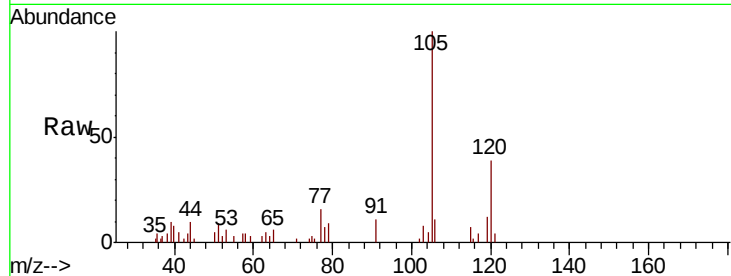




#84  
 1,2,4-Trimethylbenzene  
 Concen: 0.543 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.01 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 TP-14-S

Tot Ion:105 Resp: 4085  
 Ion Ratio Lower Upper  
 105 100  
 120 43.6 21.8 65.3



#95  
 Naphthalene  
 Concen: 5.627 ug/l  
 RT: 13.83 min Scan# 2080  
 Delta R.T. -0.00 min  
 Lab File: VX008753.D  
 Acq: 08 Apr 2019 18:22

Tgt Ion:128 Resp: 49422  
 Ion Ratio Lower Upper  
 128 100  
 127 13.1 10.4 15.6  
 129 11.0 8.6 13.0

