

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031619\  
 Data File : VX008146.D  
 Acq On : 16 Mar 2019 17:34  
 Operator : JC/SP  
 Sample : K1685-06  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AU-05-031419-C

Quant Time: Mar 18 01:15:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031419W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 15 03:56:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 315443   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 429358   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 365366   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 164359   | 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   | 141401   | 44.44 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 88.88% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 130417   | 47.90 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.80% |          |
| 50) Toluene-d8              | 8.71  | 98   | 494447   | 47.75 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.50% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 159917   | 43.11 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 86.22% |          |

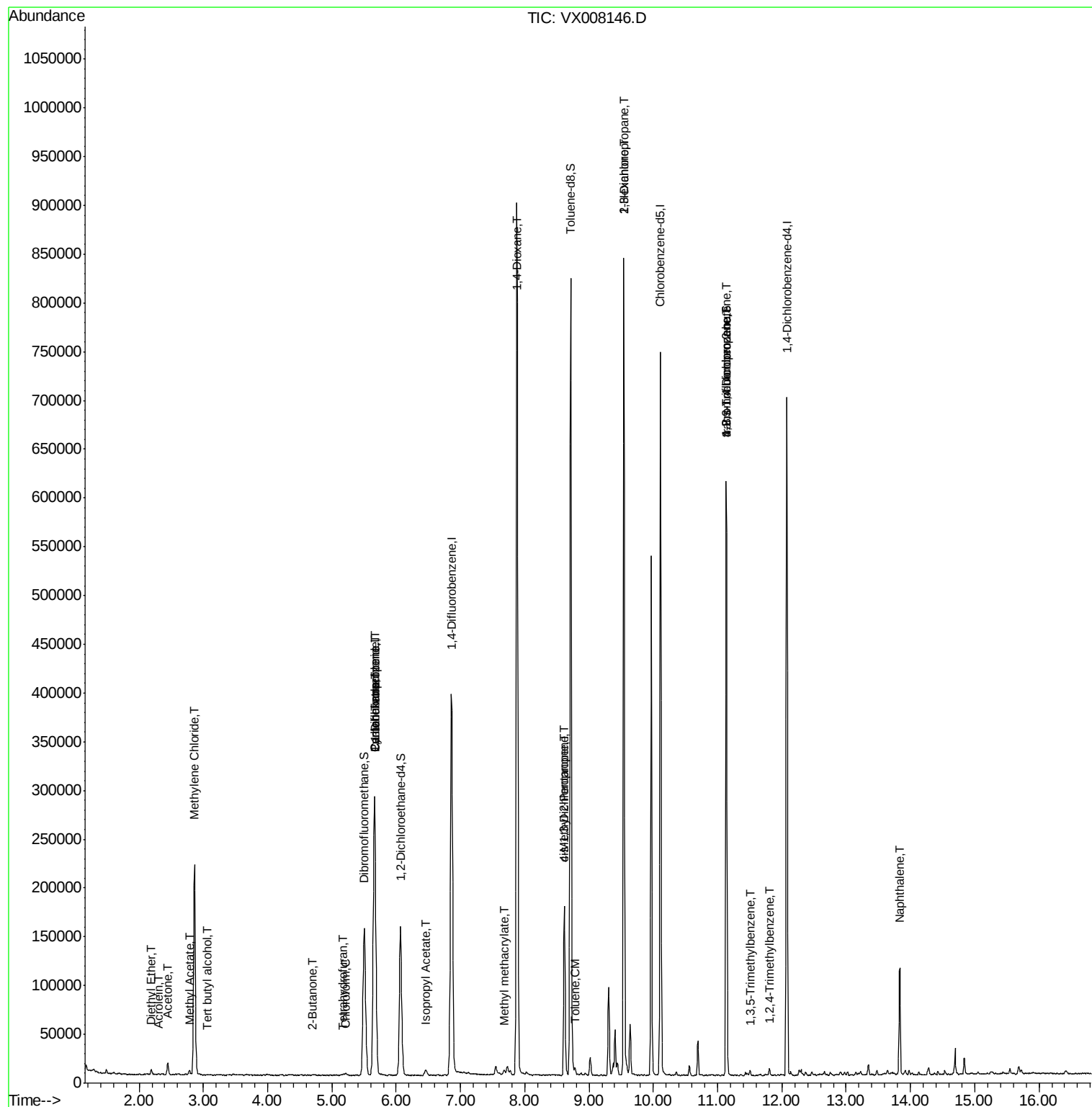
| Target Compounds               | R.T.  | QIon | Response | Conc      | Units  | Qvalue |
|--------------------------------|-------|------|----------|-----------|--------|--------|
| 5) Bromomethane                | 1.65  | 94   | 100      | Below Cal | #      | 2      |
| 6) Chloroethane                | 1.70  | 64   | 104      | Below Cal | #      | 43     |
| 8) Diethyl Ether               | 2.19  | 74   | 1696     | 1.002     | ug/l   | 98     |
| 11) Tert butyl alcohol         | 3.06  | 59   | 252      | 0.410     | ug/l   | 97     |
| 13) Acrolein                   | 2.30  | 56   | 243      | 0.429     | ug/l # | 37     |
| 16) Acetone                    | 2.45  | 43   | 12485    | 8.311     | ug/l   | 90     |
| 18) Methyl Acetate             | 2.78  | 43   | 6091     | 1.876     | ug/l # | 90     |
| 20) Methylene Chloride         | 2.86  | 84   | 105492   | 39.319    | ug/l   | 90     |
| 25) 2-Butanone                 | 4.70  | 43   | 1531     | 0.664     | ug/l   | 96     |
| 29) Tetrahydrofuran            | 5.17  | 42   | 727      | 0.505     | ug/l # | 70     |
| 30) Chloroform                 | 5.21  | 83   | 2053     | 0.425     | ug/l   | 87     |
| 31) Cyclohexane                | 5.67  | 56   | 4283     | 0.941     | ug/l # | 1      |
| 36) 1,1-Dichloropropene        | 5.67  | 75   | 17857    | 5.055     | ug/l # | 49     |
| 38) Carbon Tetrachloride       | 5.66  | 117  | 25156    | 7.399     | ug/l # | 16     |
| 43) Isopropyl Acetate          | 6.46  | 43   | 7929     | 1.297     | ug/l   | 98     |
| 48) Methyl methacrylate        | 7.68  | 41   | 6011     | 1.883     | ug/l # | 16     |
| 49) 1,4-Dioxane                | 7.88  | 88   | 117      | 1.699     | ug/l # | 1      |
| 51) 4-Methyl-2-Pentanone       | 8.62  | 43   | 53149    | 13.190    | ug/l # | 50     |
| 52) Toluene                    | 8.78  | 92   | 1763     | 0.256     | ug/l   | 94     |
| 54) cis-1,3-Dichloropropene    | 8.62  | 75   | 28384    | 6.846     | ug/l # | 59     |
| 57) 1,3-Dichloropropane        | 9.54  | 76   | 7246     | 1.563     | ug/l # | 43     |
| 59) 2-Hexanone                 | 9.54  | 43   | 89567    | 28.423    | ug/l # | 52     |
| 76) 1,2,3-Trichloropropane     | 11.13 | 75   | 70920    | 24.845    | ug/l # | 39     |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 2295     | 0.265     | ug/l   | 96     |
| 81) trans-1,4-Dichloro-2-buten | 11.13 | 75   | 70920    | 70.701    | ug/l # | 11     |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 3422     | 0.382     | ug/l   | 89     |
| 95) Naphthalene                | 13.83 | 128  | 74445    | 7.367     | ug/l   | 99     |

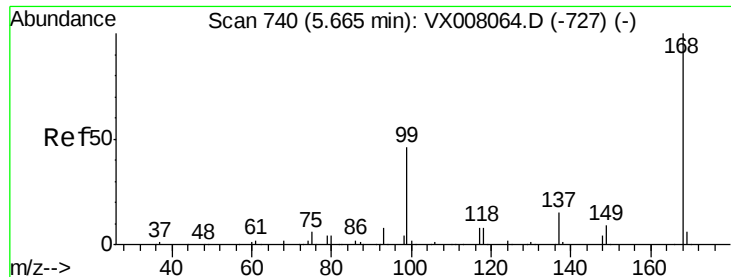
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031619\  
Data File : VX008146.D  
Acq On : 16 Mar 2019 17:34  
Operator : JC/SP  
Sample : K1685-06  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-05-031419-C

Quant Time: Mar 18 01:15:27 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X031419W.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 15 03:56:35 2019  
Response via : Initial Calibration

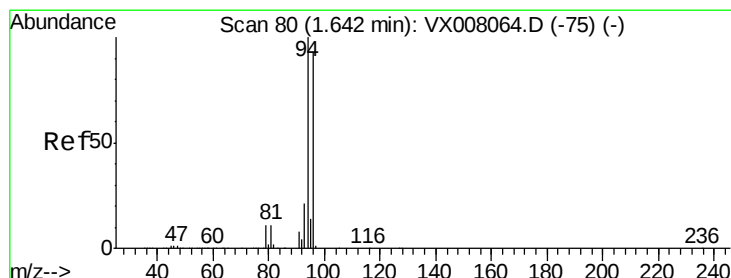
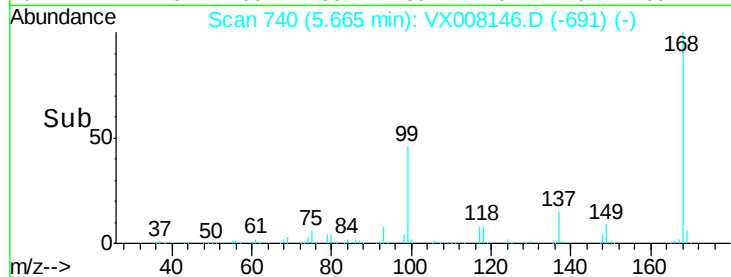
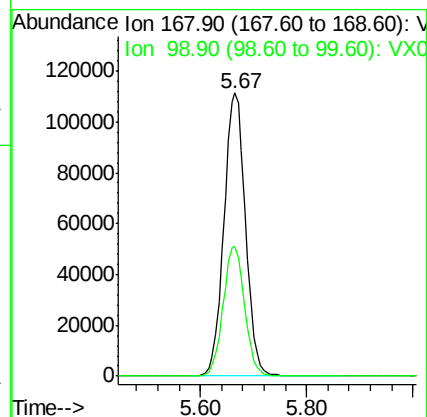
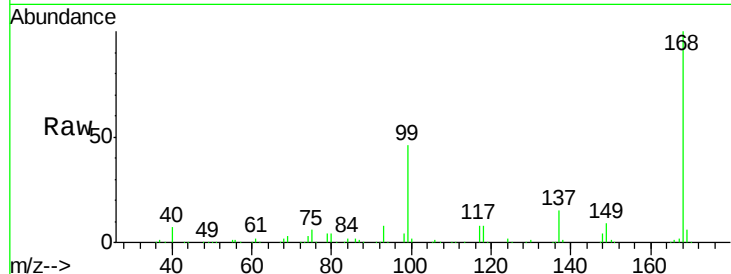




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 5.67 min Scan# 740  
Delta R.T. -0.00 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

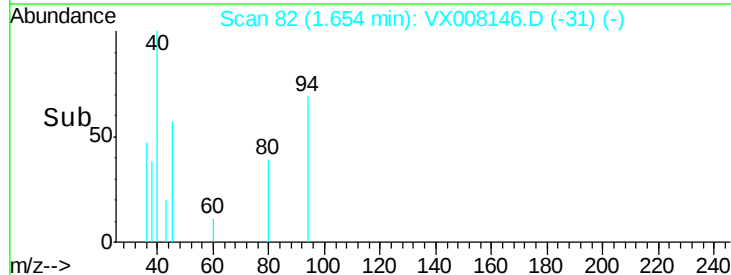
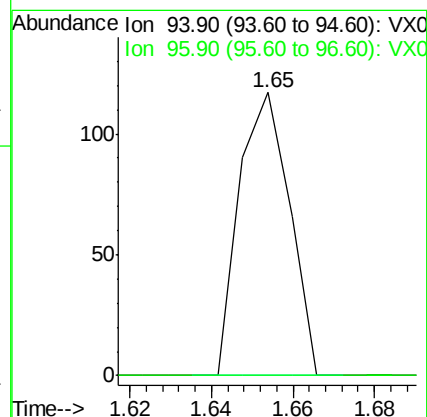
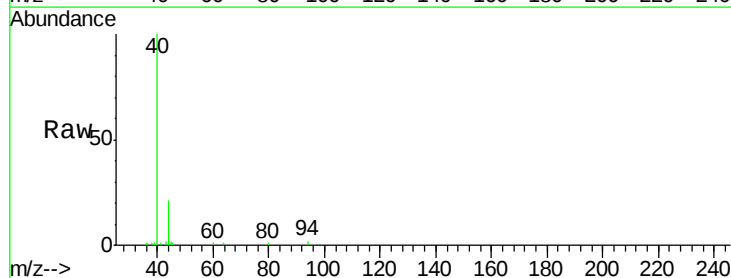
Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-05-031419-C

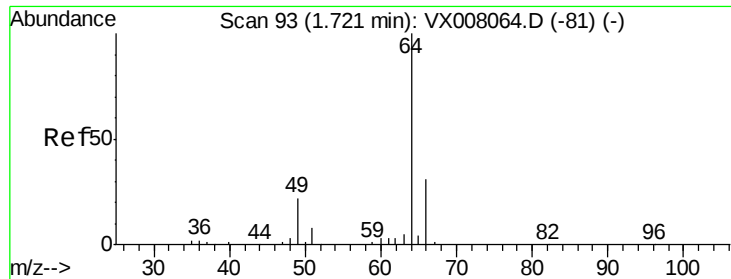
Tot Ion:168 Resp: 315443  
Ion Ratio Lower Upper  
168 100  
99 46.0 37.6 56.4



#5  
Bromomethane  
Concen: Below Cal  
RT: 1.65 min Scan# 82  
Delta R.T. 0.01 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

Tgt Ion: 94 Resp: 100  
Ion Ratio Lower Upper  
94 100  
96 0.0 75.5 113.3#





#6

Chloroethane

Concen: Below Cal

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

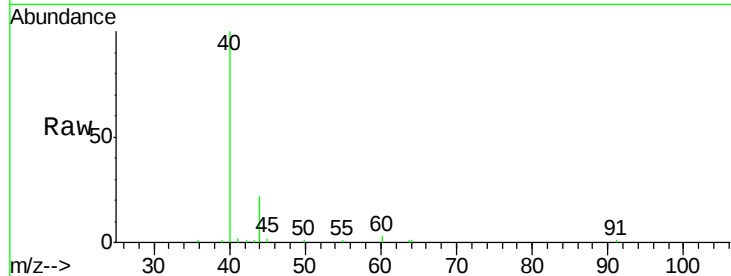
AU-05-031419-C

Tot Ion: 64 Resp: 104

Ion Ratio Lower Upper

64 100

66 0.0 25.2 37.8#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

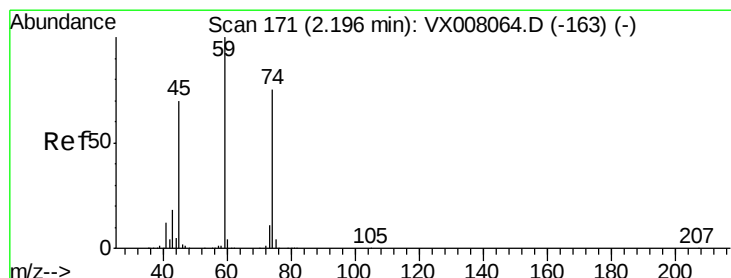
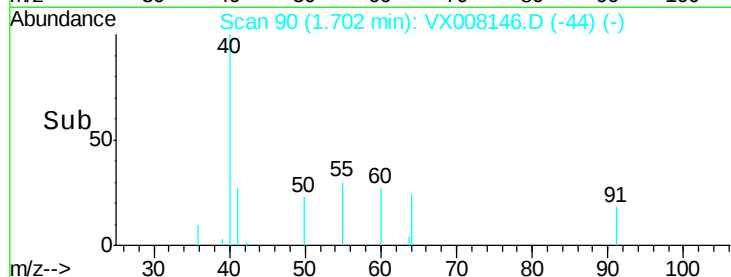
1.70

100

50

0

Time-->



#8

Diethyl Ether

Concen: 1.002 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.01 min

Lab File: VX008146.D

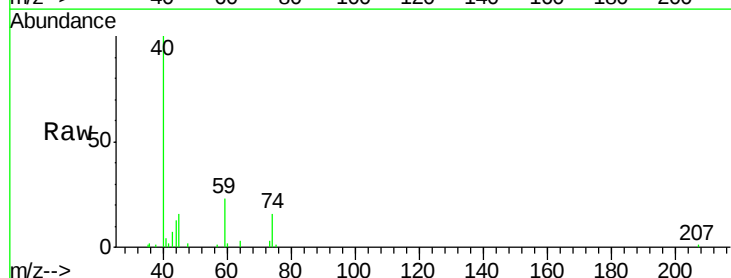
Acq: 16 Mar 2019 17:34

Tgt Ion: 74 Resp: 1696

Ion Ratio Lower Upper

74 100

45 106.5 52.1 156.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

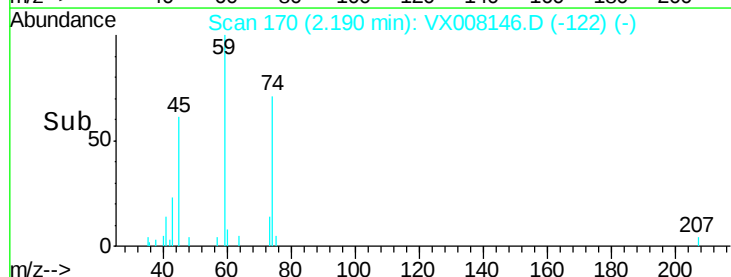
2.19

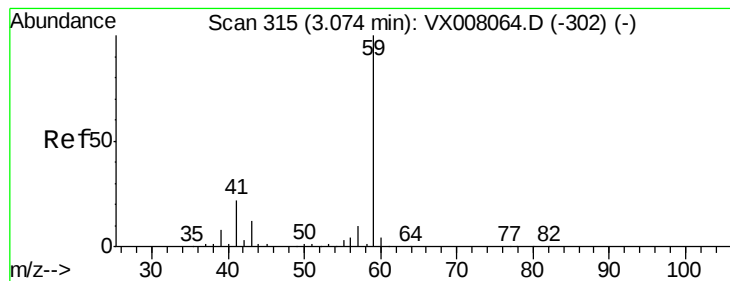
1000

500

0

Time-->



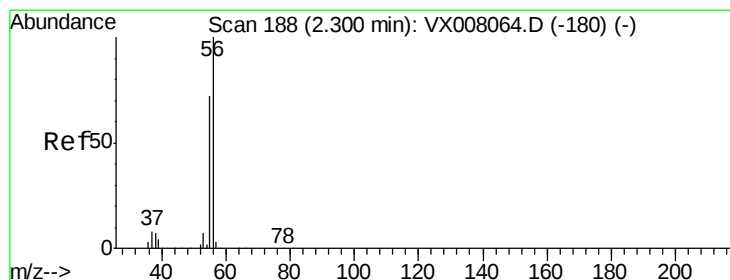
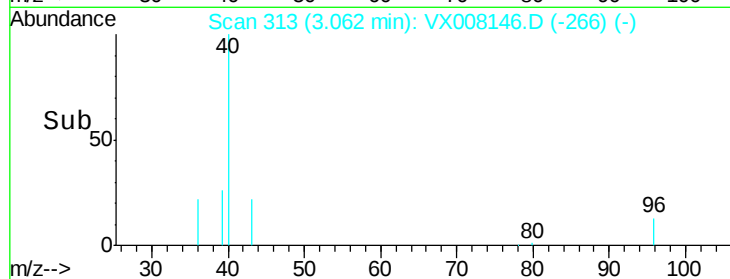
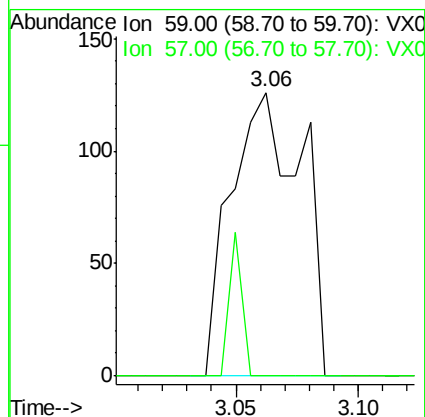
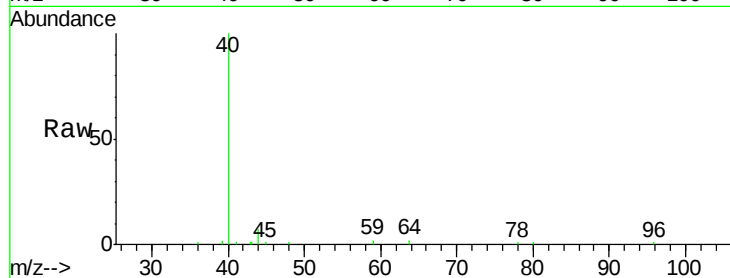


#11

Tert butvl alcohol  
 Concen: 0.410 ug/l  
 RT: 3.06 min Scan# 313  
 Delta R.T. -0.01 min  
 Lab File: VX008146.D  
 Acq: 16 Mar 2019 17:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AU-05-031419-C

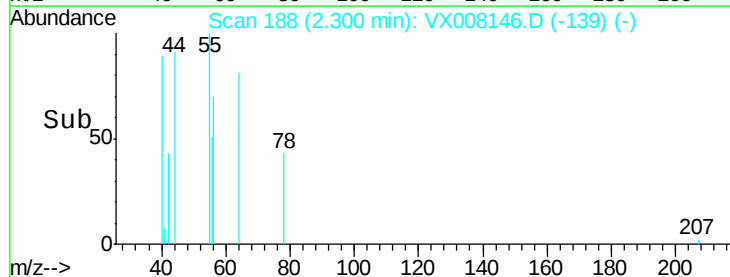
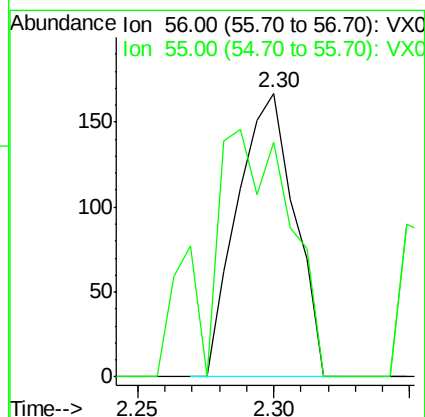
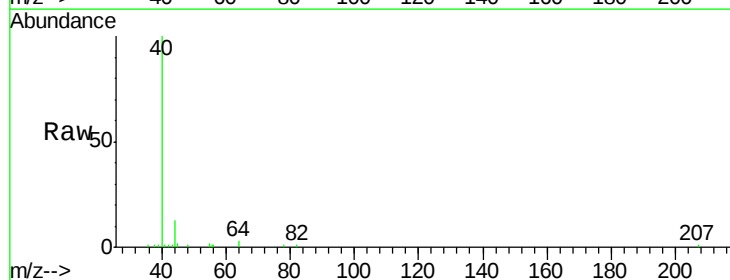
Tot Ion: 59 Resp: 252  
 Ion Ratio Lower Upper  
 59 100  
 57 9.1 8.2 12.2

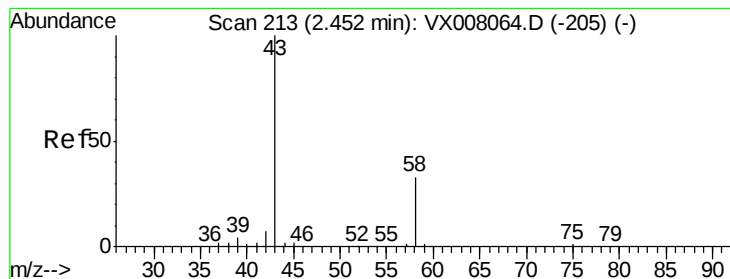


#13

Acrolein  
 Concen: 0.429 ug/l  
 RT: 2.30 min Scan# 188  
 Delta R.T. -0.00 min  
 Lab File: VX008146.D  
 Acq: 16 Mar 2019 17:34

Tgt Ion: 56 Resp: 243  
 Ion Ratio Lower Upper  
 56 100  
 55 125.1 57.8 86.6#





#16

Acetone

Concen: 8.311 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

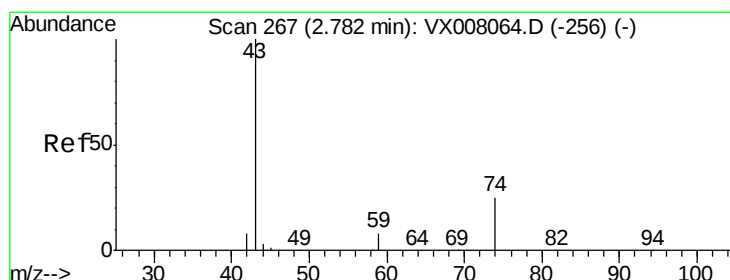
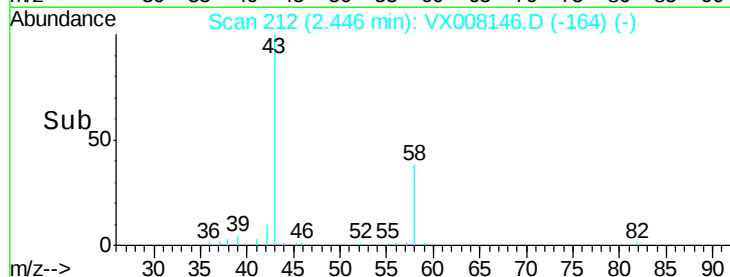
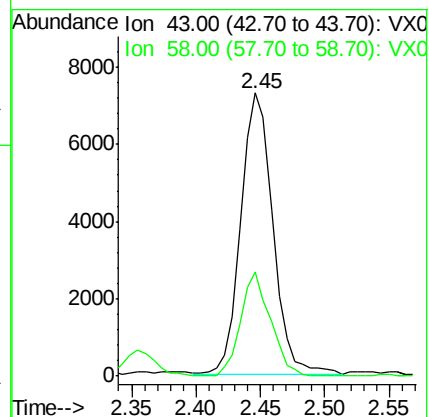
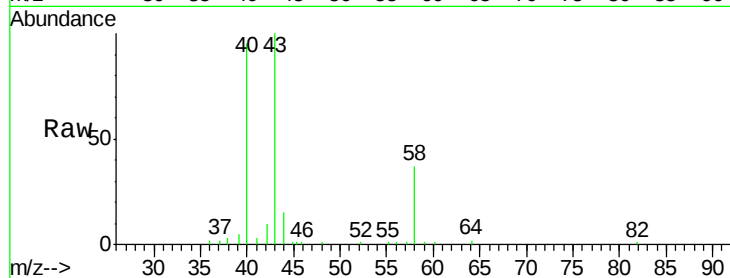
AU-05-031419-C

Tot Ion: 43 Resp: 12485

Ion Ratio Lower Upper

43 100

58 37.3 25.5 38.3



#18

Methyl Acetate

Concen: 1.876 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX008146.D

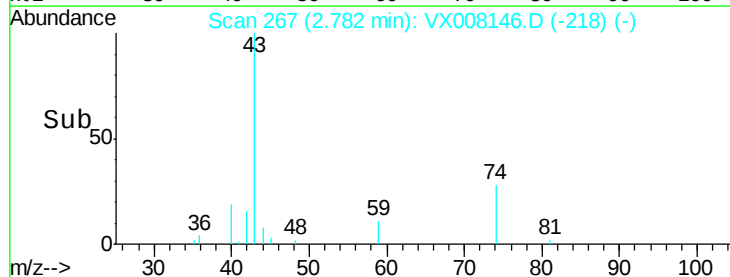
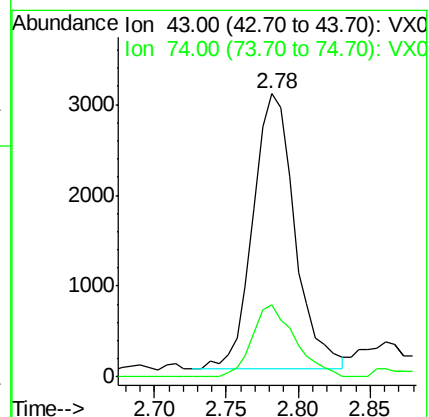
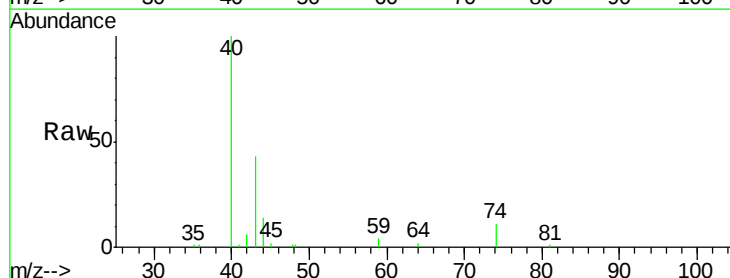
Acq: 16 Mar 2019 17:34

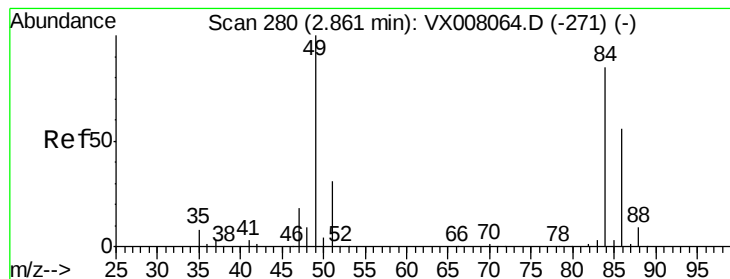
Tgt Ion: 43 Resp: 6091

Ion Ratio Lower Upper

43 100

74 26.9 17.8 26.6#





#20

Methvlene Chloride

Concen: 39.319 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

AU-05-031419-C

Tot Ion: 84 Resp: 105492

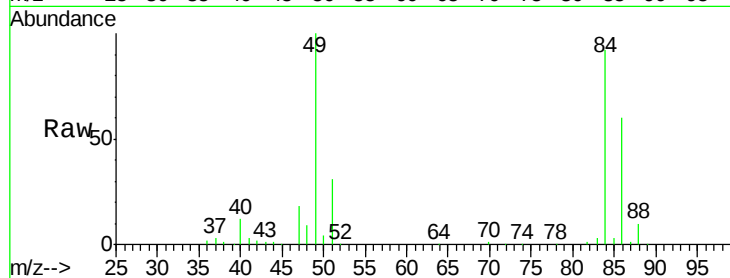
Ion Ratio Lower Upper

84 100

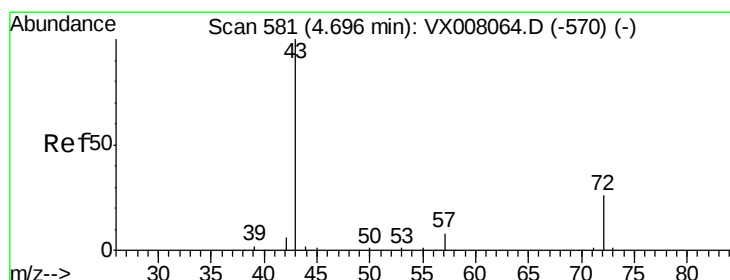
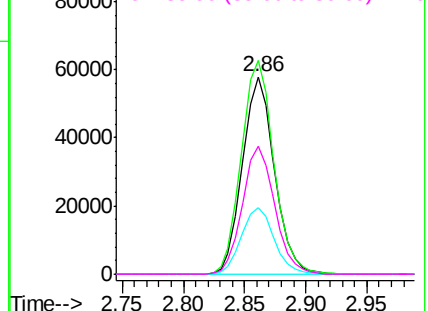
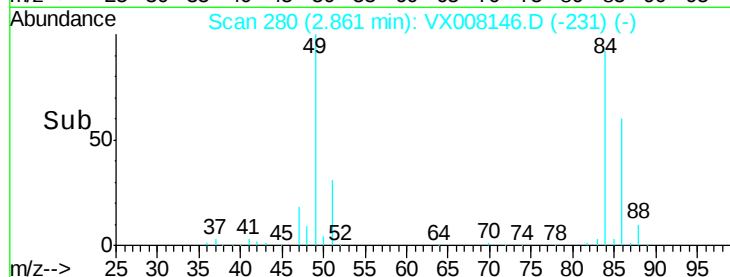
49 108.2 99.3 148.9

51 33.5 31.3 46.9

86 64.7 52.6 79.0



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: 0.664 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX008146.D

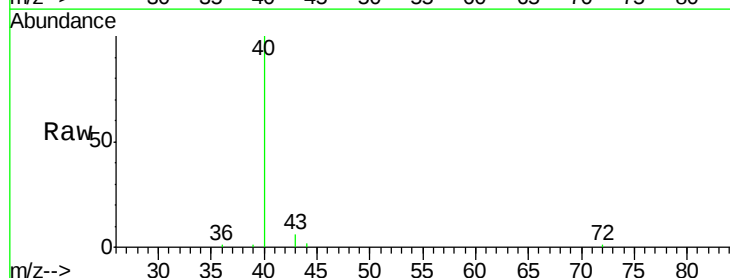
Acq: 16 Mar 2019 17:34

Tgt Ion: 43 Resp: 1531

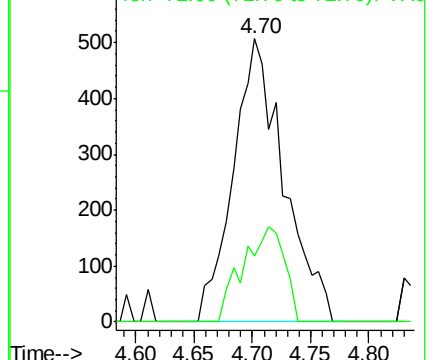
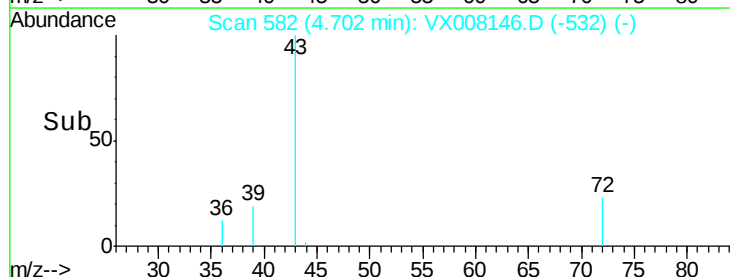
Ion Ratio Lower Upper

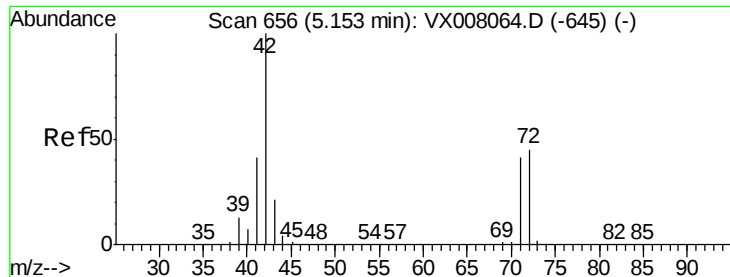
43 100

72 23.1 19.9 29.9



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





#29

Tetrahydrofuran

Concen: 0.505 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.01 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampled :

AU-05-031419-C

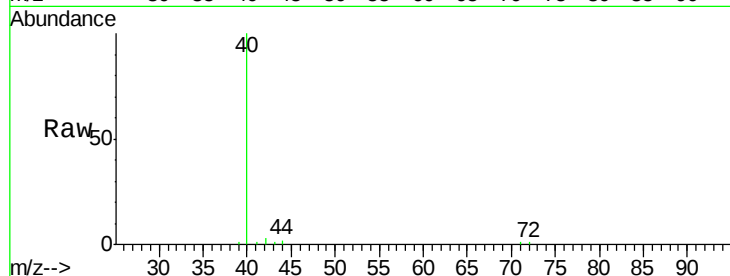
Tot Ion: 42 Resp: 727

Ion Ratio Lower Upper

42 100

72 20.2 33.8 50.6#

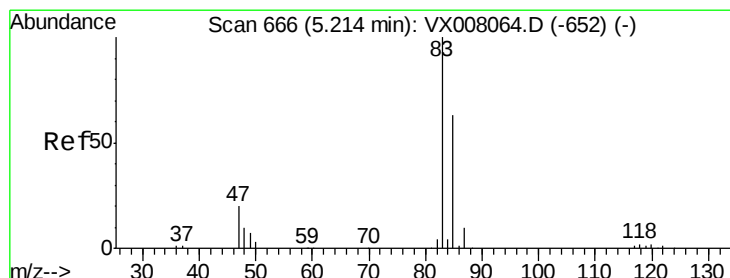
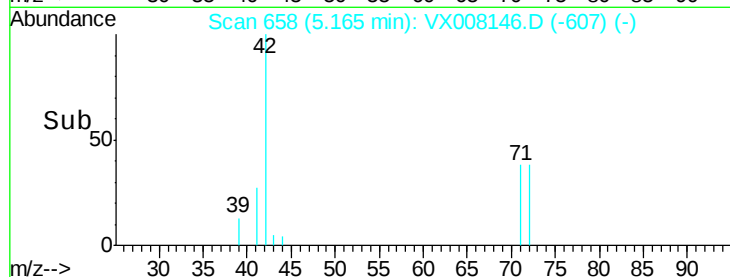
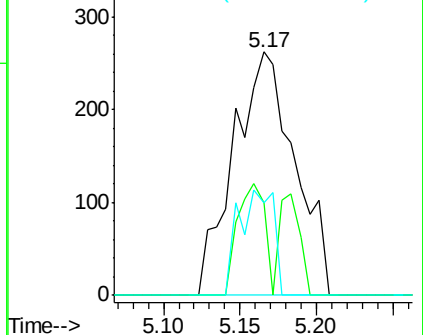
71 24.6 31.5 47.3#



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



#30

Chloroform

Concen: 0.425 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX008146.D

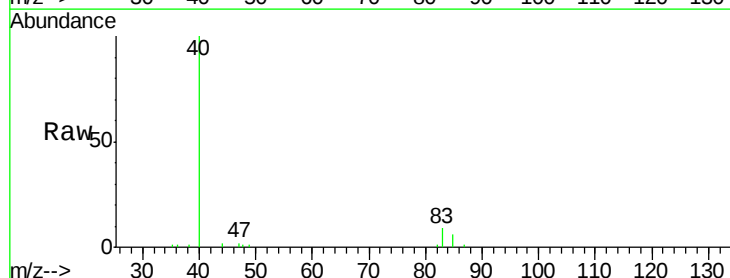
Acq: 16 Mar 2019 17:34

Tgt Ion: 83 Resp: 2053

Ion Ratio Lower Upper

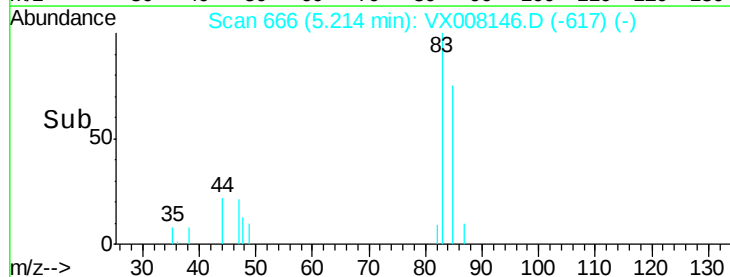
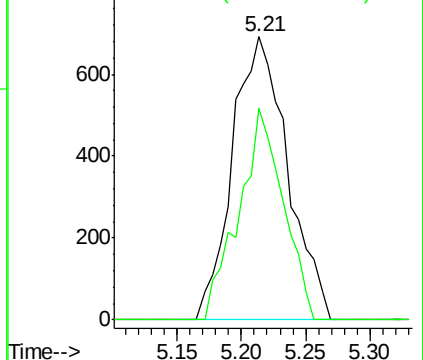
83 100

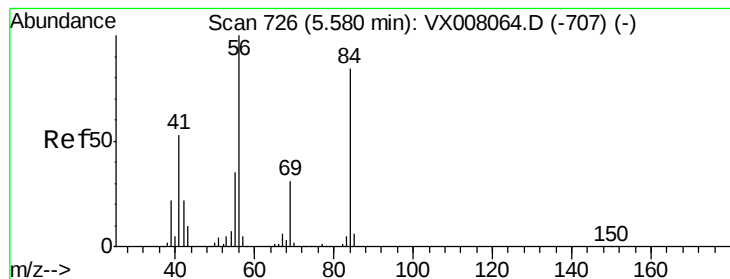
85 74.6 51.8 77.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 0.941 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.09 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

AU-05-031419-C

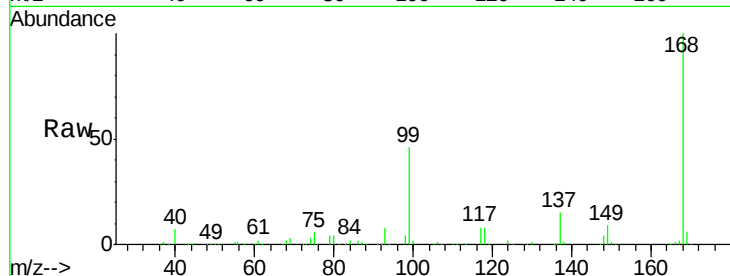
Tot Ion: 56 Resp: 4283

Ion Ratio Lower Upper

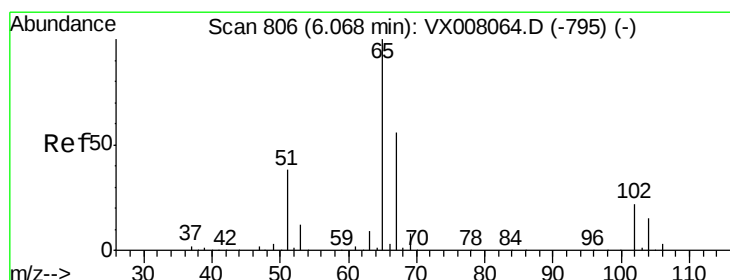
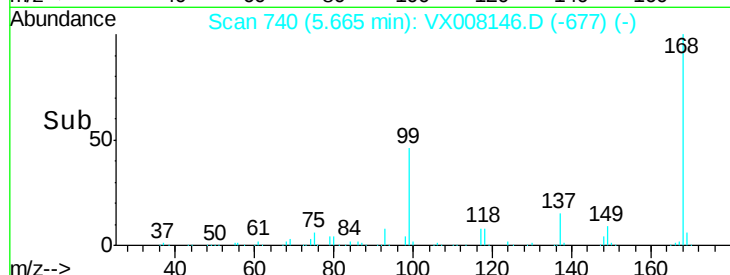
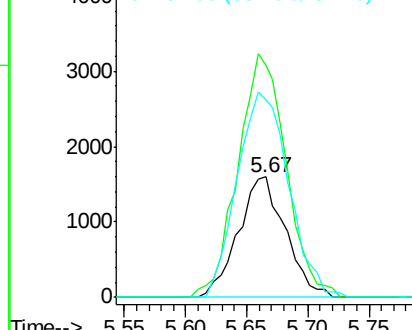
56 100

69 193.2 24.0 36.0#

84 164.4 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: 44.438 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX008146.D

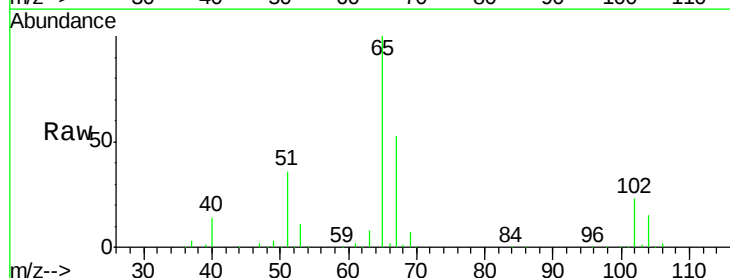
Acq: 16 Mar 2019 17:34

Tgt Ion: 65 Resp: 141401

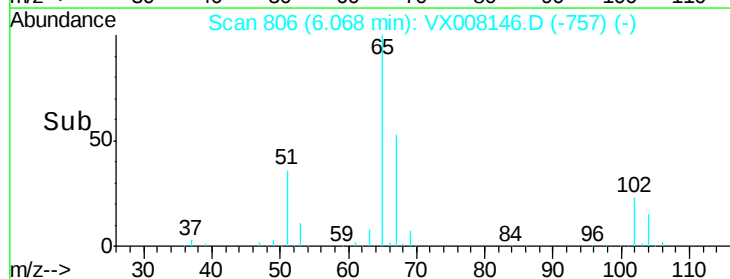
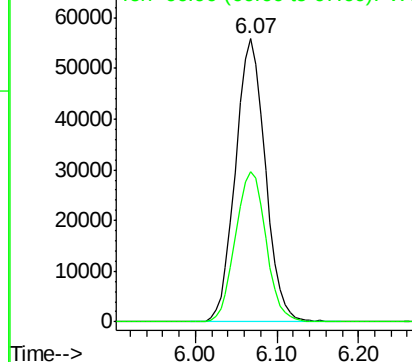
Ion Ratio Lower Upper

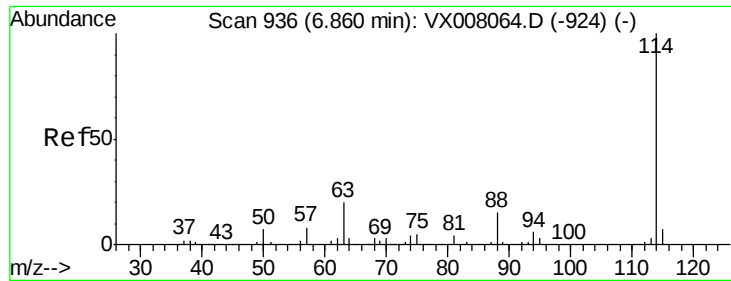
65 100

67 54.4 0.0 110.0



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

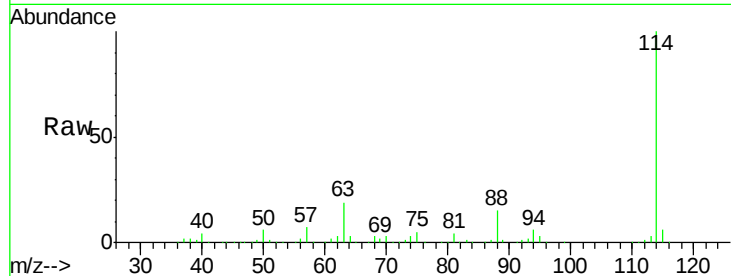




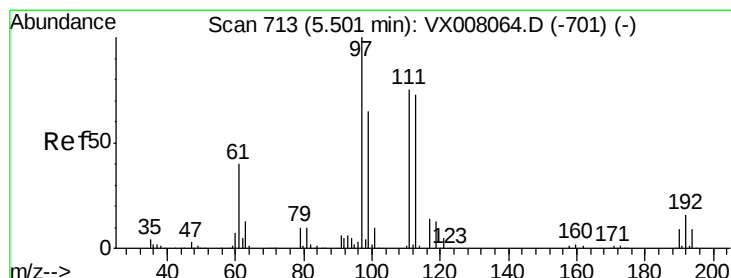
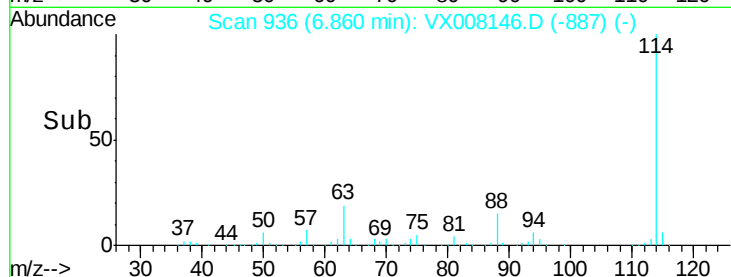
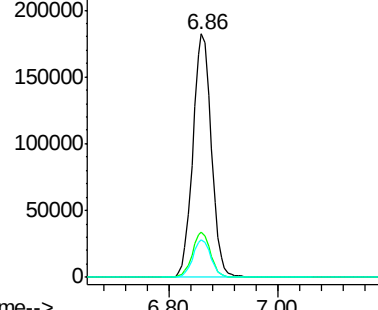
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008146.D  
 Acq: 16 Mar 2019 17:34

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AU-05-031419-C

Tot Ion:114 Resp: 429358  
 Ion Ratio Lower Upper  
 114 100  
 63 18.6 0.0 39.8  
 88 15.4 0.0 31.4

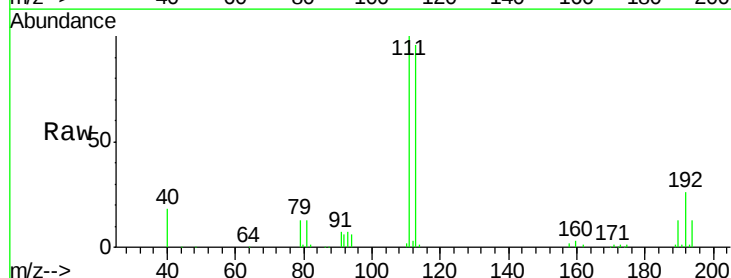


Abundance Ion 113.90 (113.60 to 114.60): V  
 Ion 63.00 (62.70 to 63.70): VX  
 Ion 87.90 (87.60 to 88.60): VX

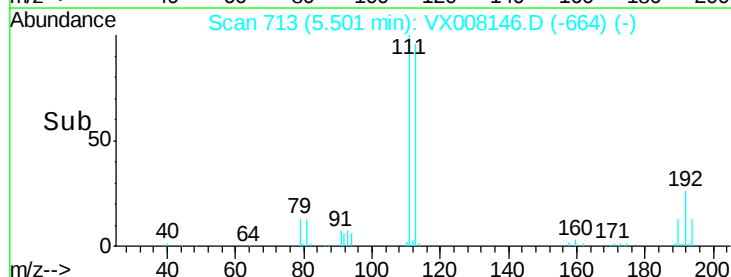
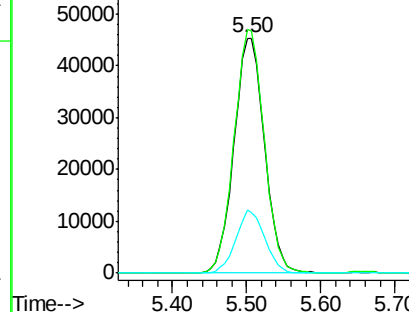


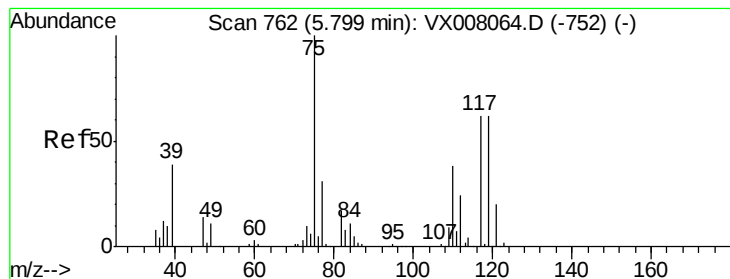
#35  
 Dibromofluoromethane  
 Concen: 47.899 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VX008146.D  
 Acq: 16 Mar 2019 17:34

Tgt Ion:113 Resp: 130417  
 Ion Ratio Lower Upper  
 113 100  
 111 101.8 81.4 122.0  
 192 25.6 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: 5.055 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

AU-05-031419-C

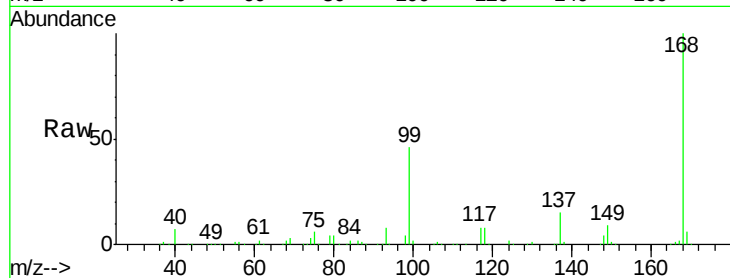
Tot Ion: 75 Resp: 17857

Ion Ratio Lower Upper

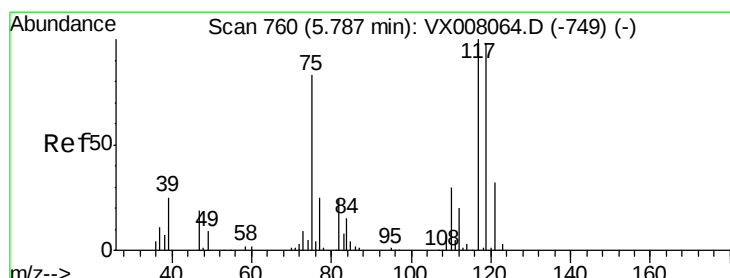
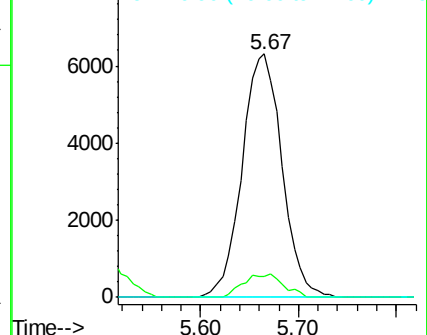
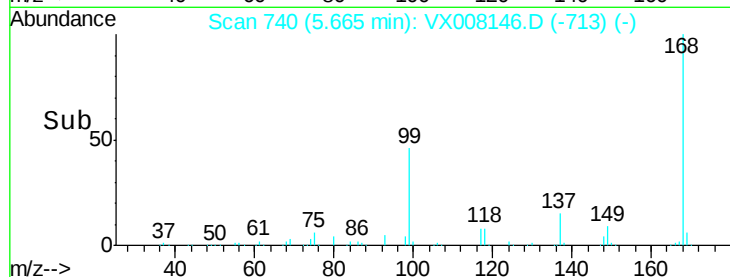
75 100

110 9.6 18.4 55.0#

77 0.0 25.0 37.4#



Abundance Ion 74.90 (74.60 to 75.60): VX008146.D (-713) (-)



#38

Carbon Tetrachloride

Concen: 7.399 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.13 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

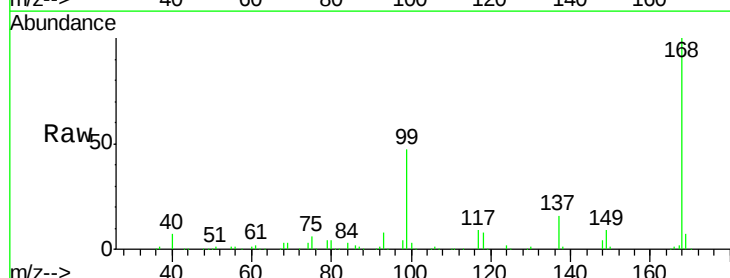
Tgt Ion: 117 Resp: 25156

Ion Ratio Lower Upper

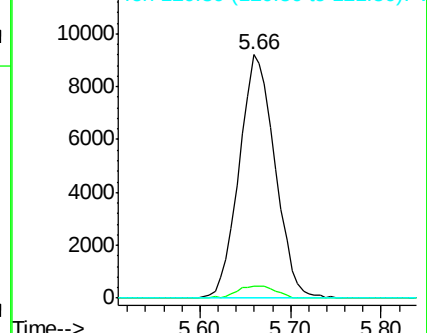
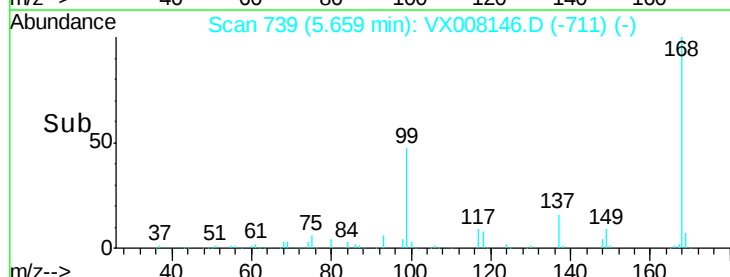
117 100

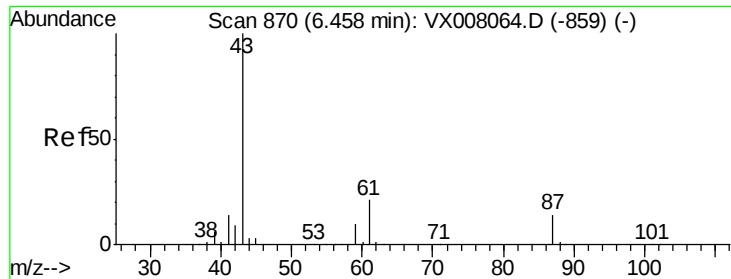
119 5.1 76.2 114.2#

121 0.0 24.6 36.8#



Abundance Ion 116.80 (116.50 to 117.50): VX008146.D (-711) (-)





#43

Isopropyl Acetate

Concen: 1.297 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

AU-05-031419-C

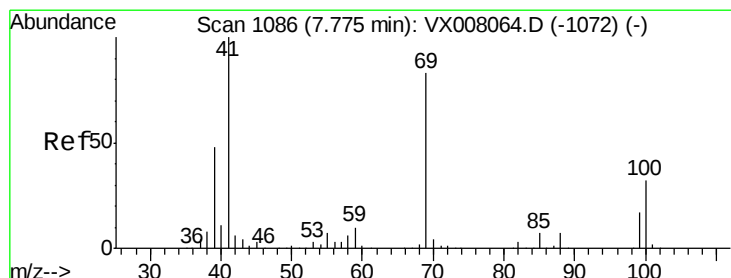
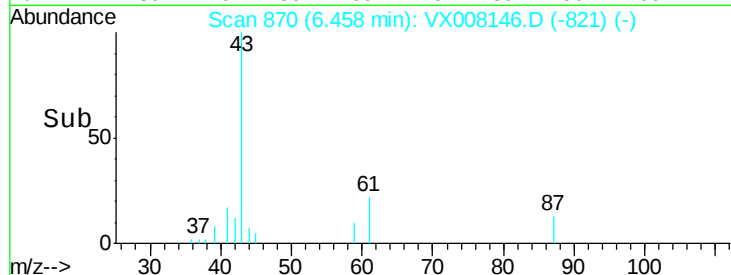
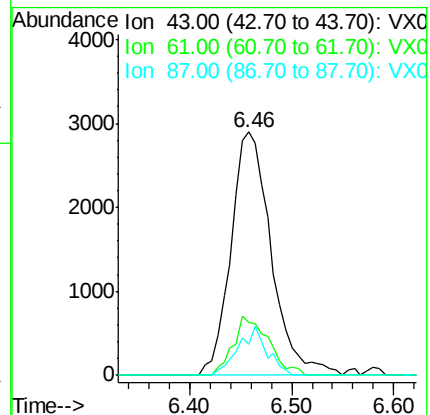
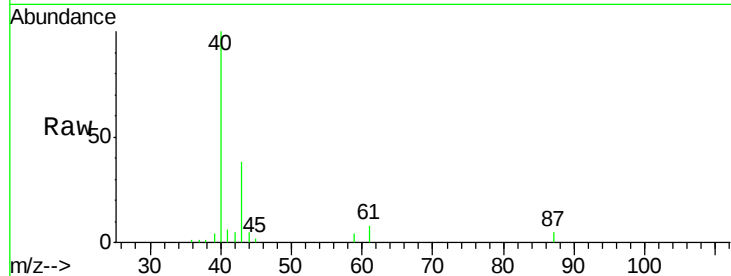
Tot Ion: 43 Resp: 7929

Ion Ratio Lower Upper

43 100

61 21.2 16.3 24.5

87 14.5 10.5 15.7



#48

Methyl methacrylate

Concen: 1.883 ug/l

RT: 7.68 min Scan# 1071

Delta R.T. -0.09 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

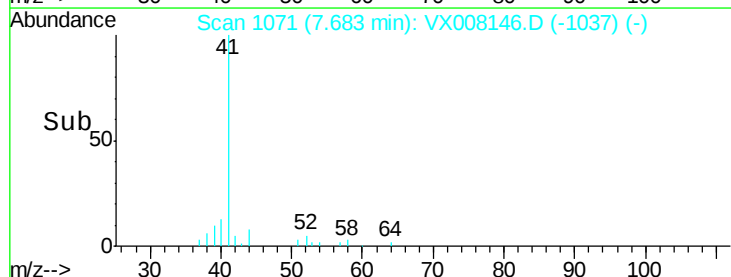
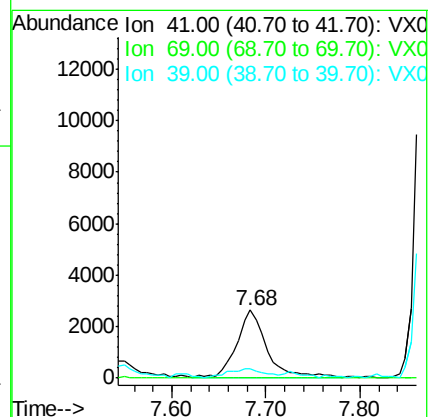
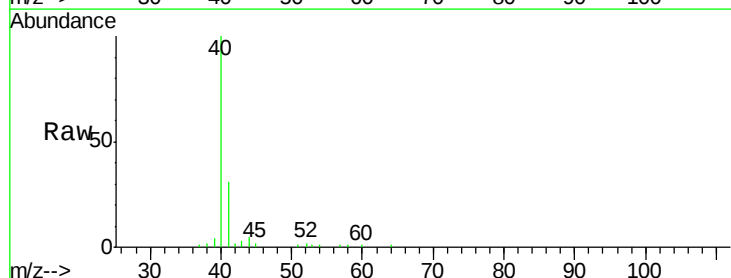
Tgt Ion: 41 Resp: 6011

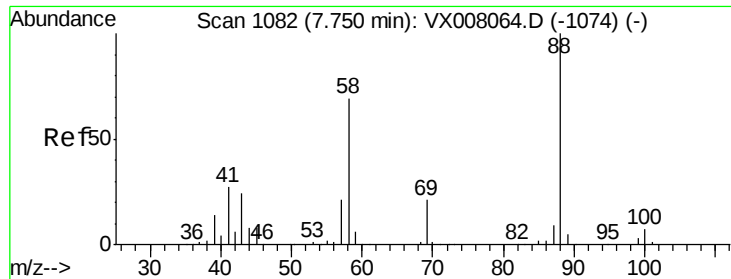
Ion Ratio Lower Upper

41 100

69 0.0 65.2 97.8#

39 0.0 39.4 59.2#





#49

1,4-Dioxane

Concen: 1.699 ug/l

RT: 7.88 min Scan# 1104

Delta R.T. 0.13 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

AU-05-031419-C

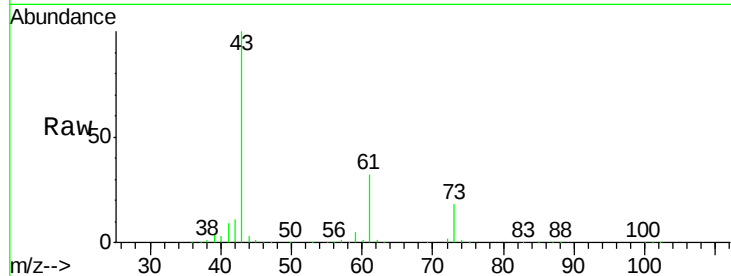
Tot Ion: 88 Resp: 117

Ion Ratio Lower Upper

88 100

43 674388.9 25.1 37.7#

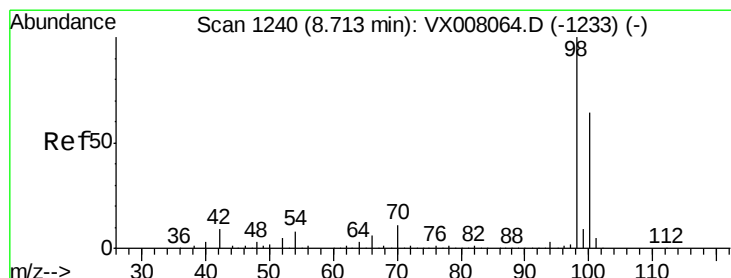
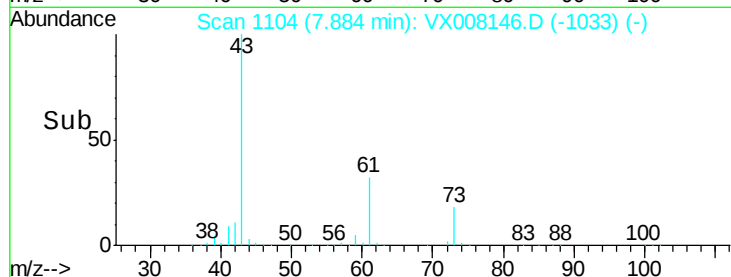
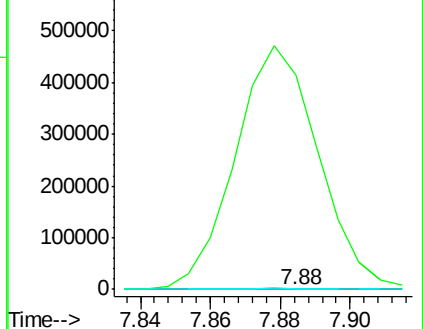
58 3155.6 57.8 86.6#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 47.748 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008146.D

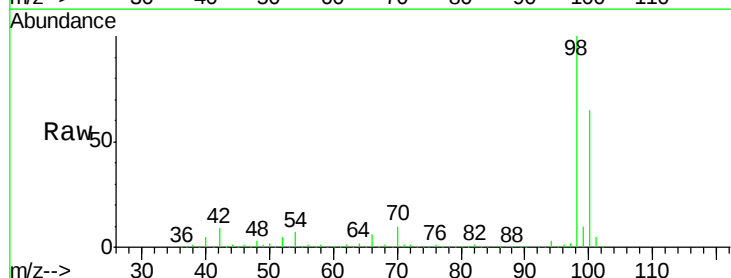
Acq: 16 Mar 2019 17:34

Tgt Ion: 98 Resp: 494447

Ion Ratio Lower Upper

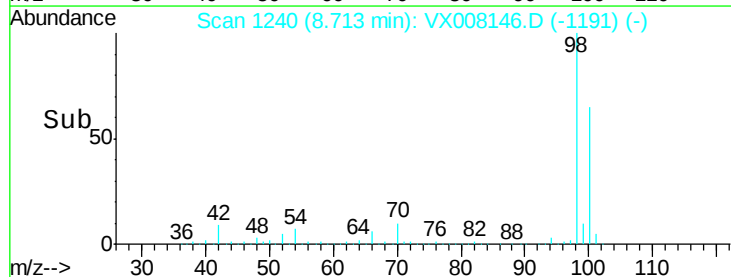
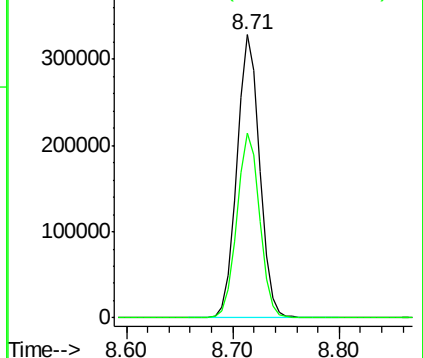
98 100

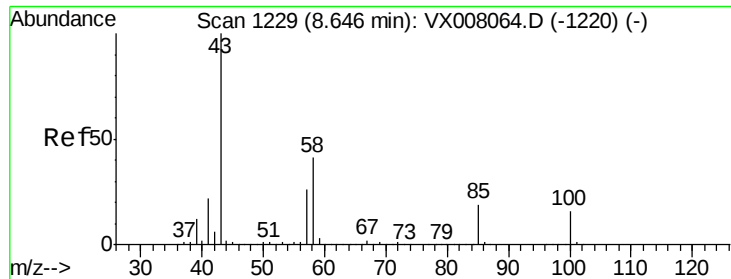
100 65.5 51.7 77.5



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: 13.190 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. -0.03 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

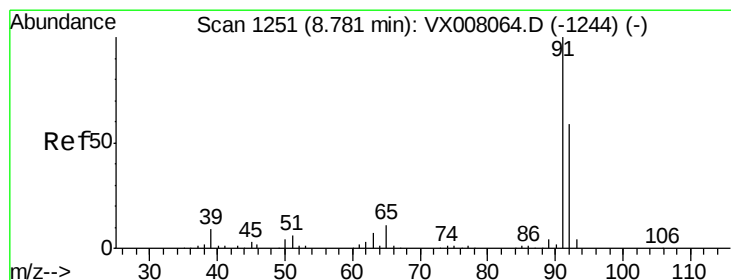
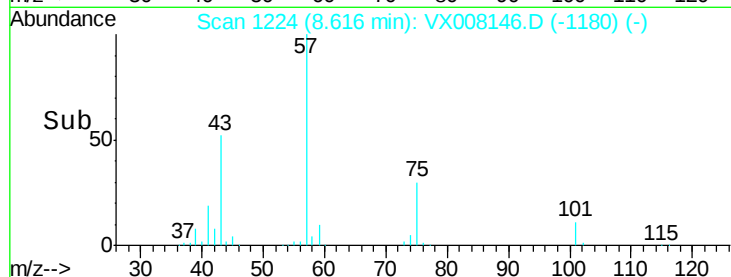
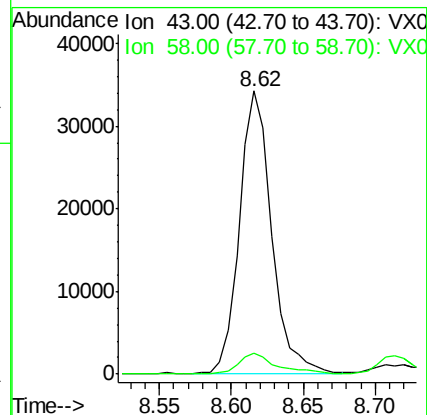
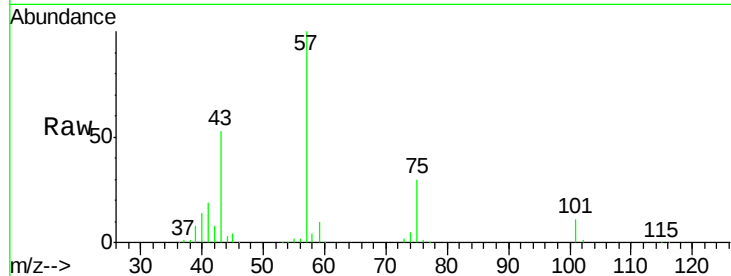
AU-05-031419-C

Tot Ion: 43 Resp: 53149

Ion Ratio Lower Upper

43 100

58 8.8 31.3 46.9#



#52

Toluene

Concen: 0.256 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX008146.D

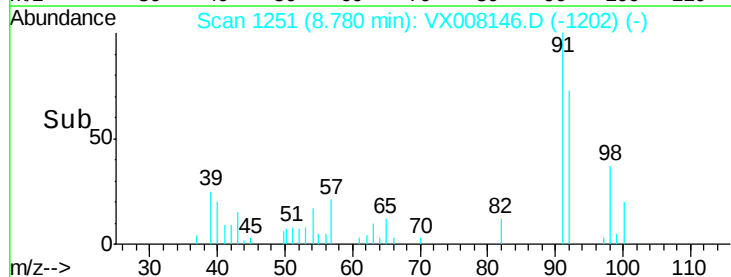
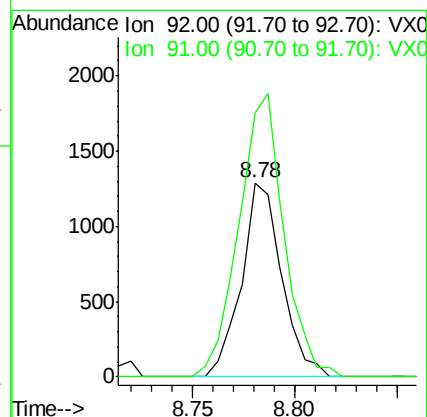
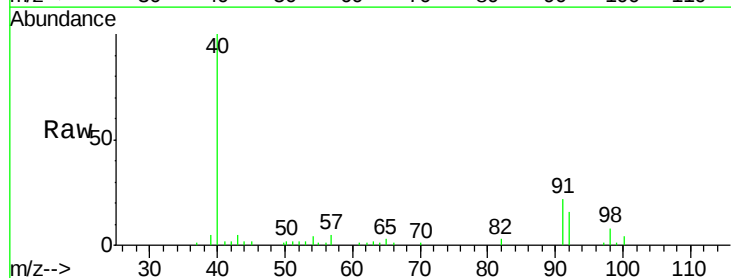
Acq: 16 Mar 2019 17:34

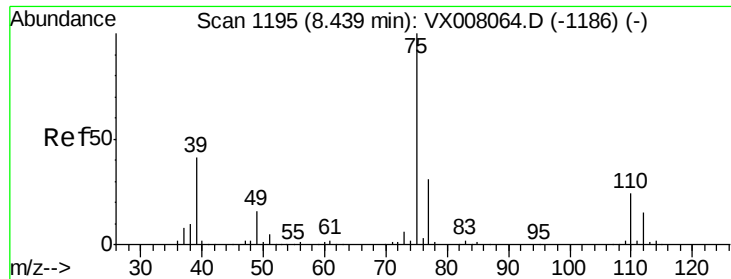
Tgt Ion: 92 Resp: 1763

Ion Ratio Lower Upper

92 100

91 163.4 137.4 206.0





#54

cis-1,3-Dichloropropene

Concen: 6.846 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX008146.D

Acq: 16 Mar 2019 17:34

Instrument :

MSVOA\_X

ClientSampleId :

AU-05-031419-C

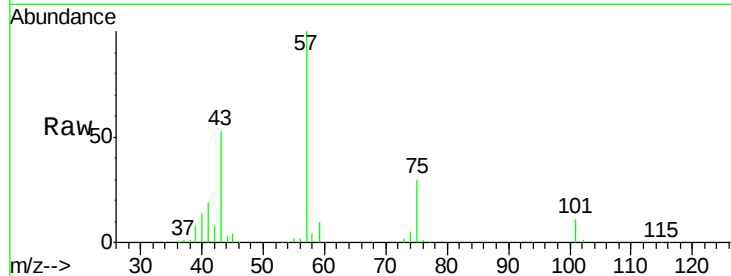
Tot Ion: 75 Resp: 28384

Ion Ratio Lower Upper

75 100

77 0.4 25.0 37.6#

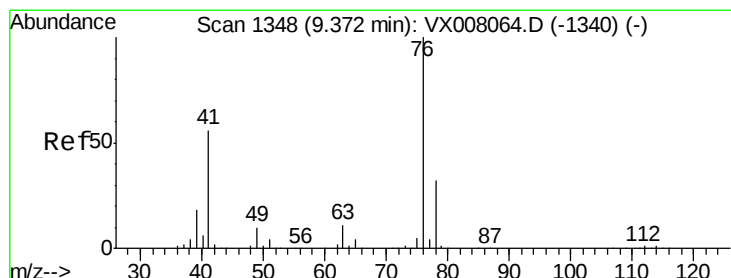
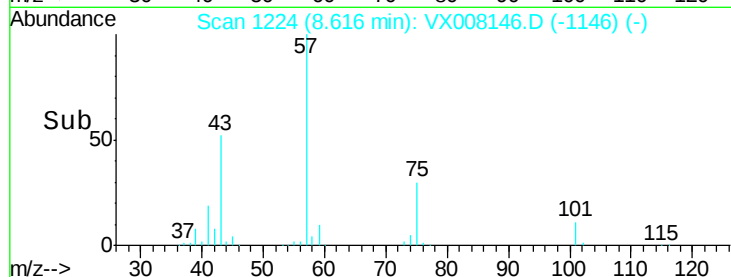
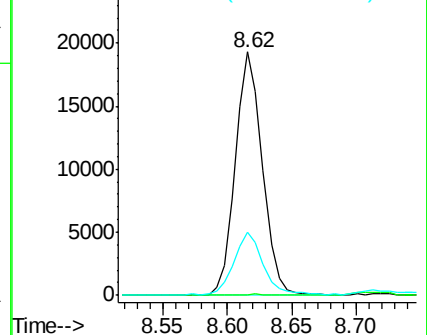
39 25.7 36.6 54.8#



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: 1.563 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX008146.D

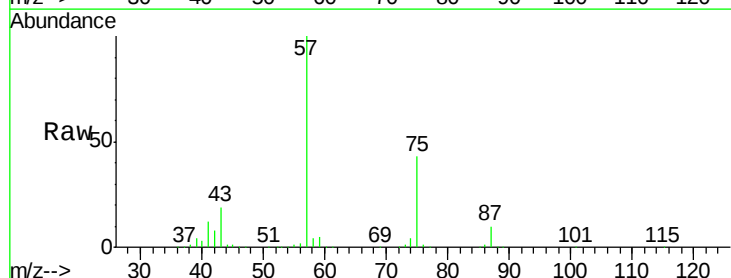
Acq: 16 Mar 2019 17:34

Tgt Ion: 76 Resp: 7246

Ion Ratio Lower Upper

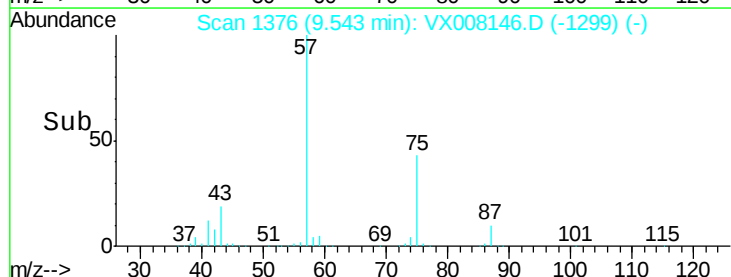
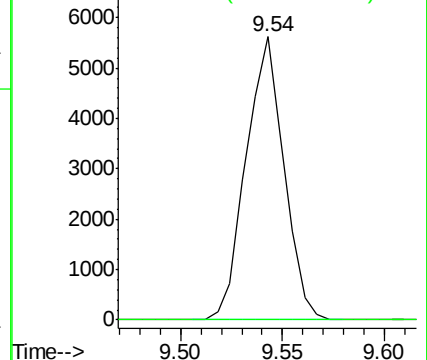
76 100

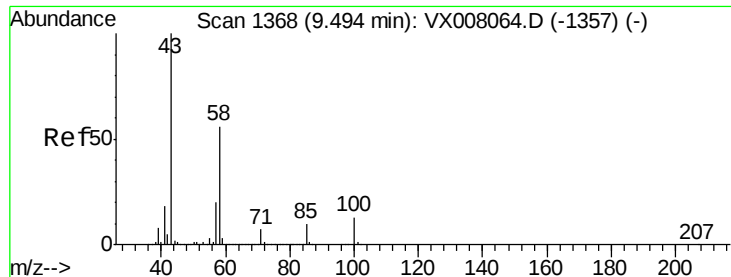
78 0.0 25.5 38.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

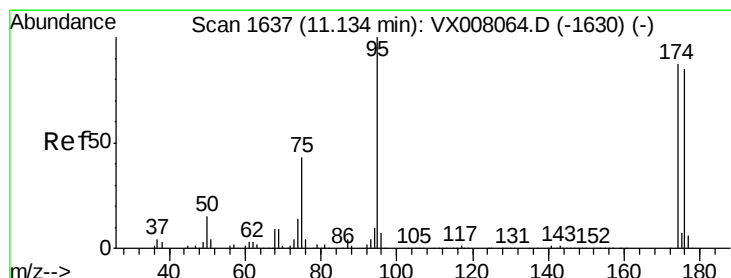
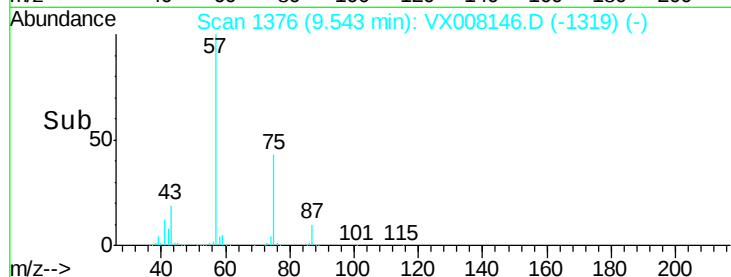
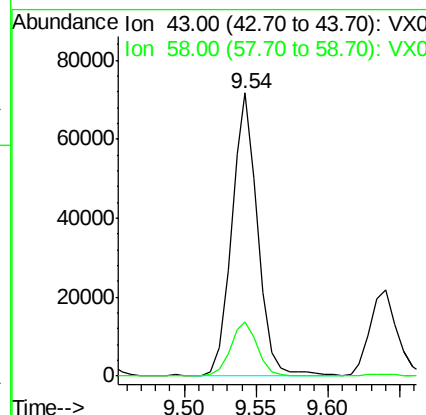
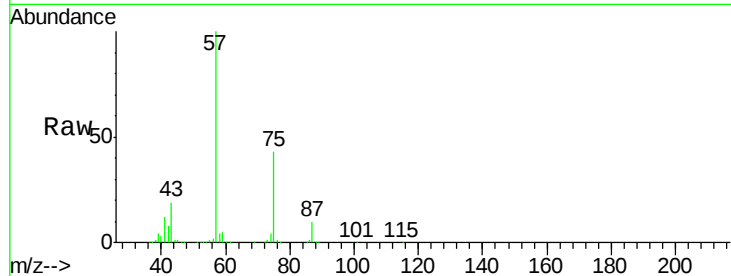




#59  
2-Hexanone  
Concen: 28.423 ug/l  
RT: 9.54 min Scan# 1376  
Delta R.T. 0.05 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

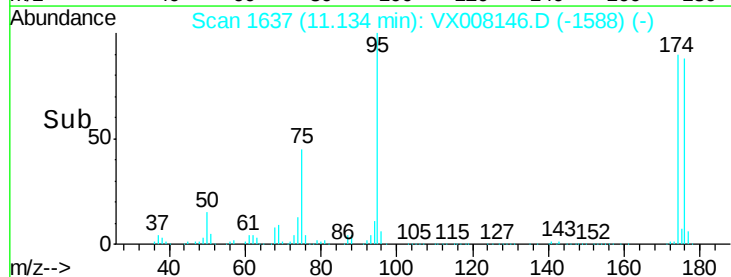
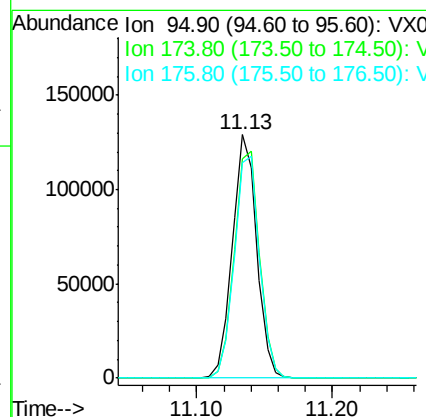
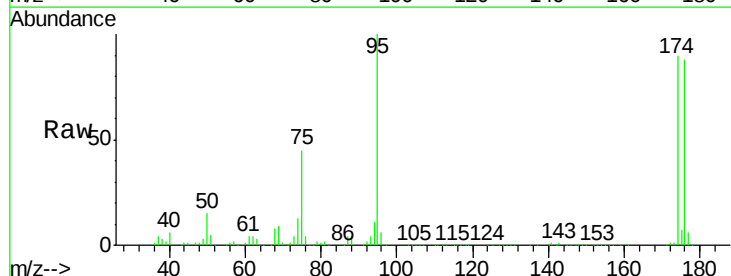
Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-05-031419-C

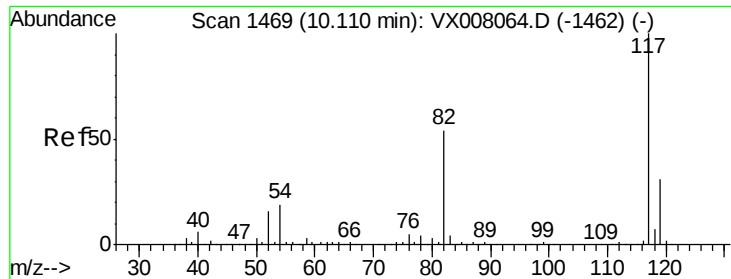
Tot Ion: 43 Resp: 89567  
Ion Ratio Lower Upper  
43 100  
58 20.5 27.6 82.7#



#62  
4-Bromofluorobenzene  
Concen: 43.108 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. -0.00 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

Tgt Ion: 95 Resp: 159917  
Ion Ratio Lower Upper  
95 100  
174 97.5 0.0 182.8  
176 94.7 0.0 178.0

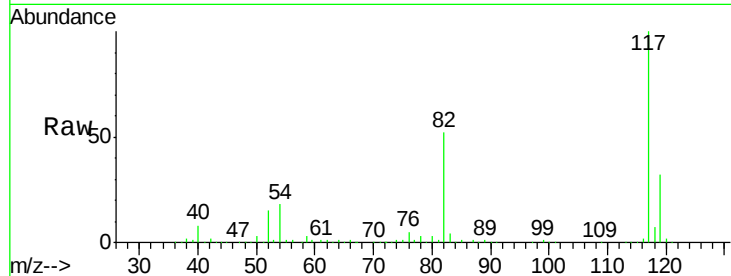




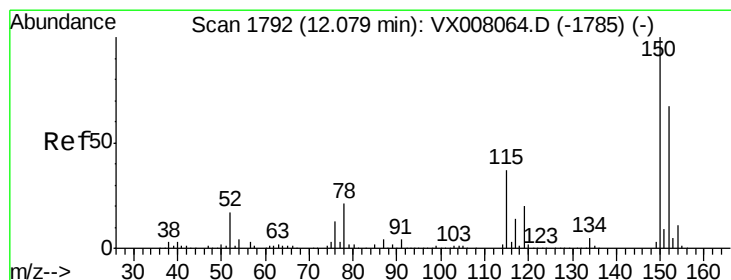
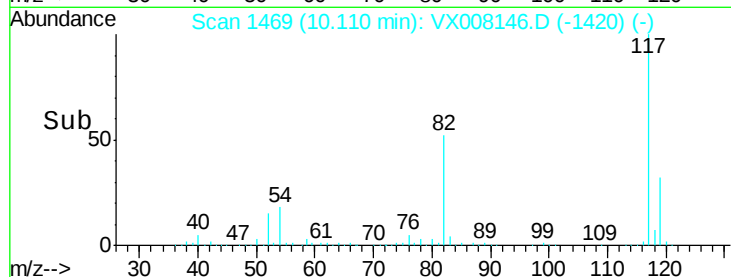
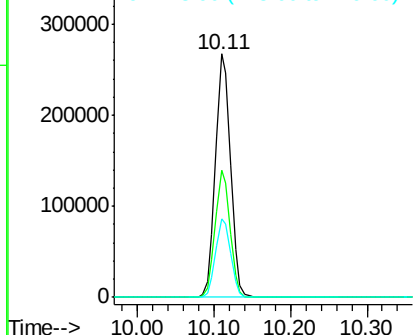
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-05-031419-C

Tot Ion:117 Resp: 365366  
Ion Ratio Lower Upper  
117 100  
82 52.2 44.3 66.5  
119 32.1 25.3 37.9

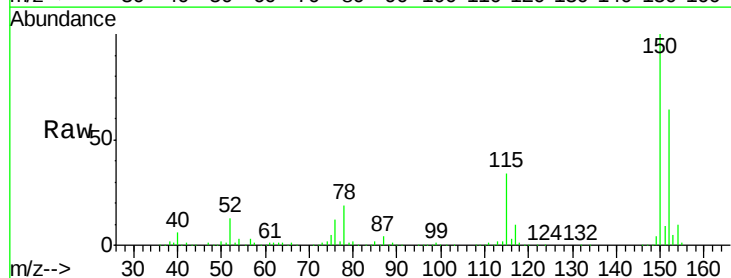


Abundance Ion 116.90 (116.60 to 117.60): V  
Ion 82.00 (81.70 to 82.70): VX0  
Ion 118.90 (118.60 to 119.60): V

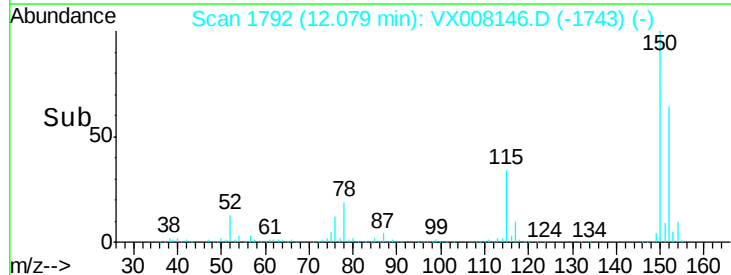
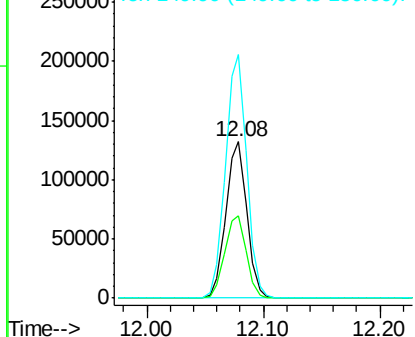


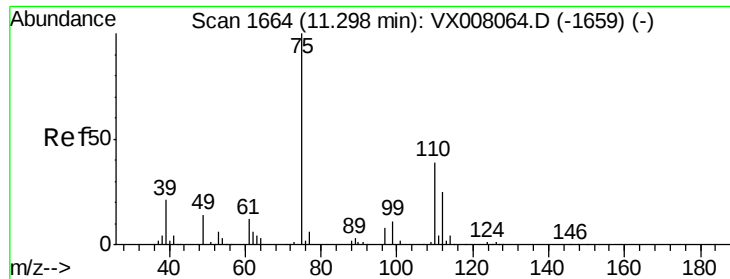
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

Tgt Ion:152 Resp: 164359  
Ion Ratio Lower Upper  
152 100  
115 54.1 38.6 115.7  
150 157.5 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

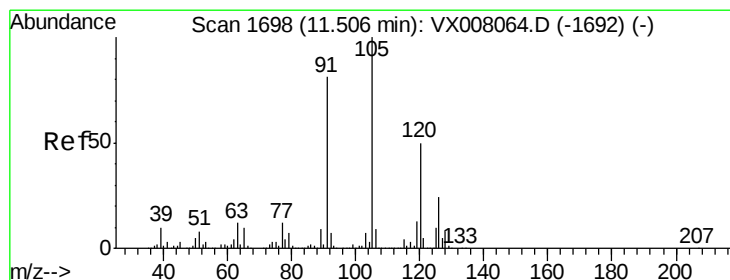
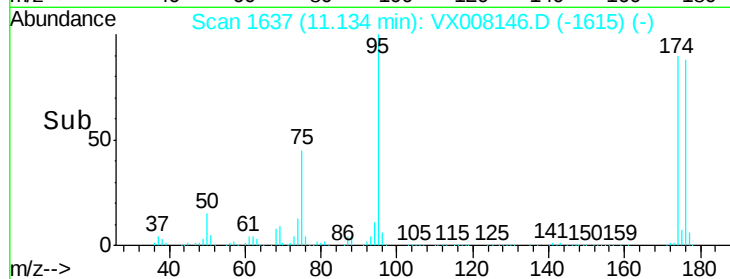
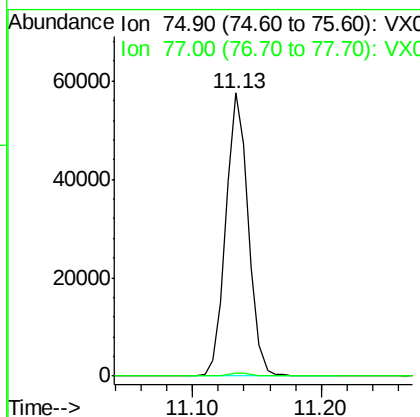
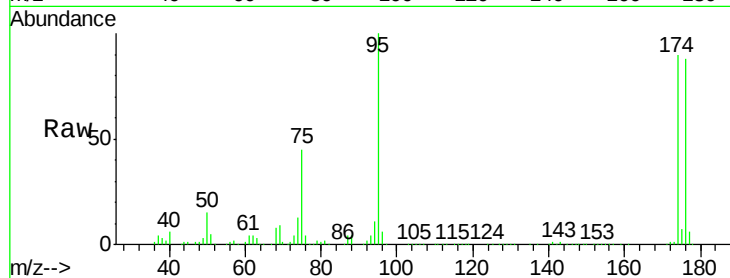




#76  
 1,2,3-Trichloropropane  
 Concen: 24.845 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.16 min  
 Lab File: VX008146.D  
 Acq: 16 Mar 2019 17:34

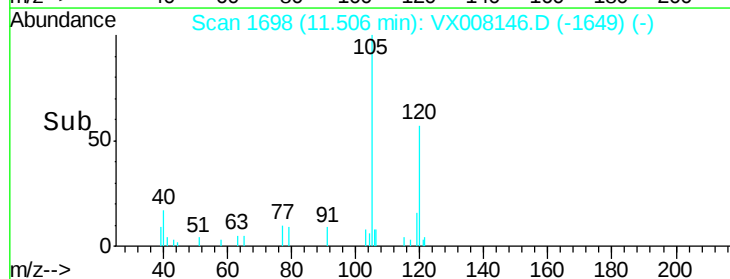
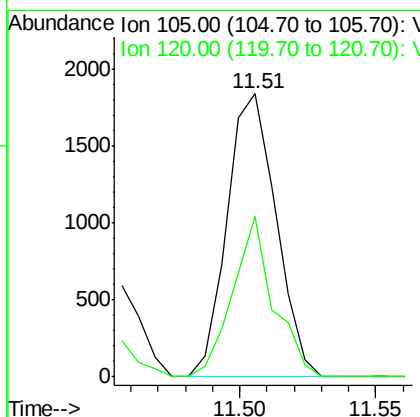
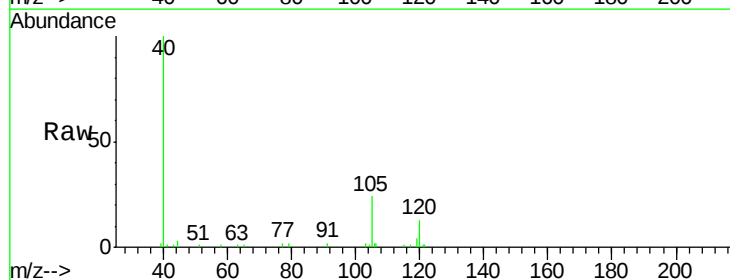
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 AU-05-031419-C

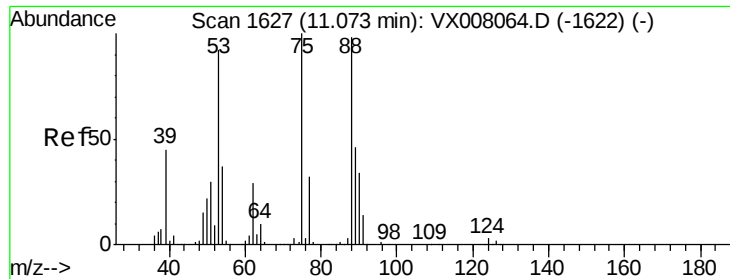
Tot Ion: 75 Resp: 70920  
 Ion Ratio Lower Upper  
 75 100  
 77 1.2 18.9 56.7#



#80  
 1,3,5-Trimethylbenzene  
 Concen: 0.265 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008146.D  
 Acq: 16 Mar 2019 17:34

Tgt Ion:105 Resp: 2295  
 Ion Ratio Lower Upper  
 105 100  
 120 47.1 24.9 74.6

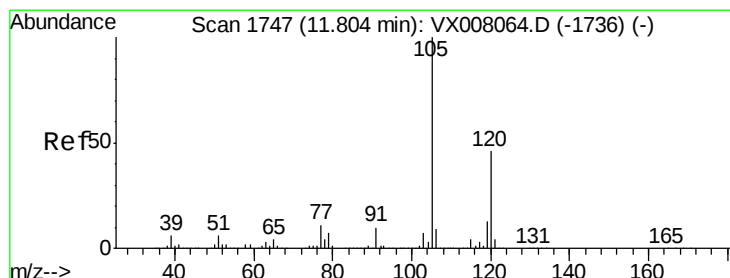
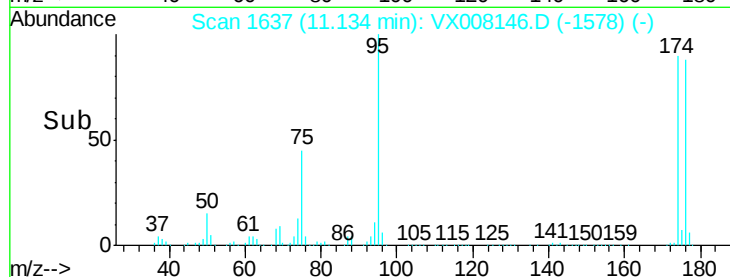
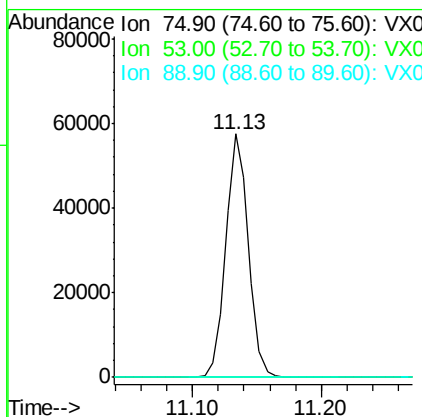
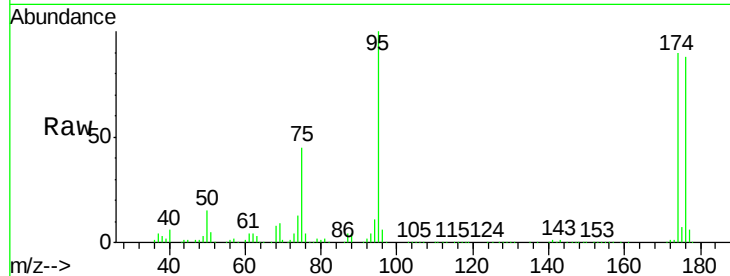




#81  
trans-1,4-Dichloro-2-butene  
Concen: 70.701 ug/l  
RT: 11.13 min Scan# 1637  
Delta R.T. 0.06 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

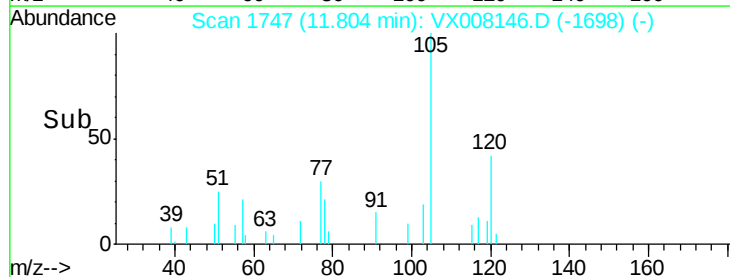
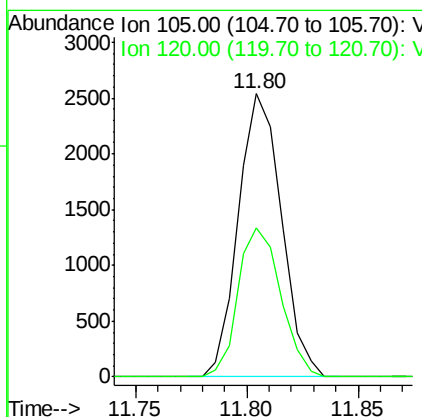
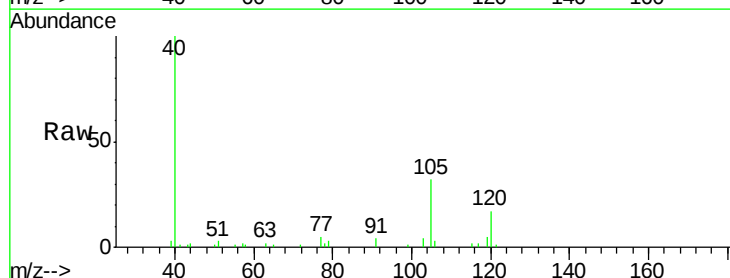
Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-05-031419-C

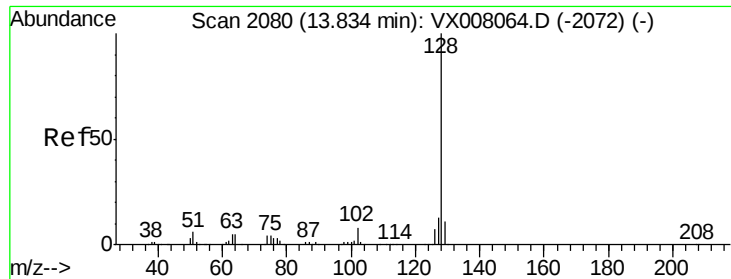
Tot Ion: 75 Resp: 70920  
Ion Ratio Lower Upper  
75 100  
53 0.0 76.1 114.1#  
89 0.0 36.3 54.5#



#84  
1,2,4-Trimethylbenzene  
Concen: 0.382 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

Tgt Ion: 105 Resp: 3422  
Ion Ratio Lower Upper  
105 100  
120 52.2 22.6 67.7

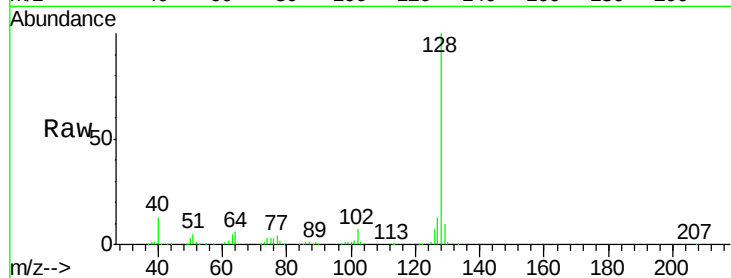




#95  
Naphthalene  
Concen: 7.367 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX008146.D  
Acq: 16 Mar 2019 17:34

Instrument :  
MSVOA\_X  
ClientSampleId :  
AU-05-031419-C

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.2  | 10.3  | 15.5  |
| 129     | 10.6  | 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

