

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006221.D
 Acq On : 30 Nov 2018 11:00
 Operator : JC/MD
 Sample : J6134-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 30 22:16:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	1003349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1467860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1329092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	656081	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	469866	45.87	ug/l	0.00
Spiked Amount			Recovery	=	91.74%	
35) Dibromofluoromethane	5.51	113	463162	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	8.71	98	1713854	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
62) 4-Bromofluorobenzene	11.13	95	633871	48.66	ug/l	0.00
Spiked Amount			Recovery	=	97.32%	

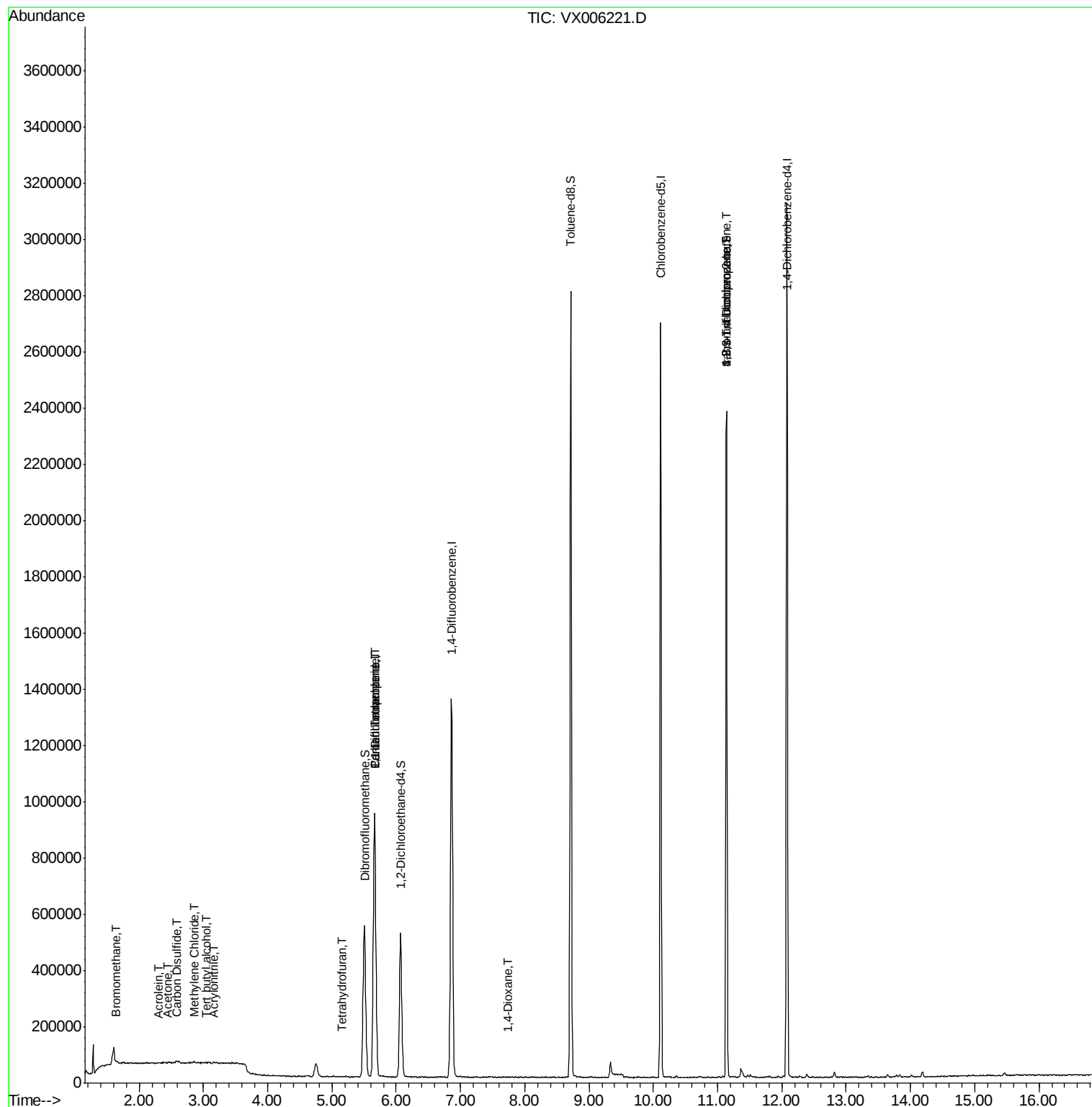
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1573	0.209	ug/l #	45
11) Tert butyl alcohol	3.06	59	1119	0.399	ug/l #	73
13) Acrolein	2.31	56	793	0.518	ug/l #	60
15) Acrylonitrile	3.16	53	1847	0.316	ug/l #	72
16) Acetone	2.45	43	3784	0.787	ug/l	89
17) Carbon Disulfide	2.57	76	7244	0.259	ug/l #	86
20) Methylene Chloride	2.87	84	3357	0.328	ug/l #	69
29) Tetrahydrofuran	5.15	42	1192	0.250	ug/l #	45
36) 1,1-Dichloropropene	5.67	75	59439	4.809	ug/l #	48
38) Carbon Tetrachloride	5.66	117	87430	6.012	ug/l #	16
49) 1,4-Dioxane	7.73	88	338	1.221	ug/l #	58
76) 1,2,3-Trichloropropane	11.13	75	289096	22.829	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.13	75	289096	53.574	ug/l #	15

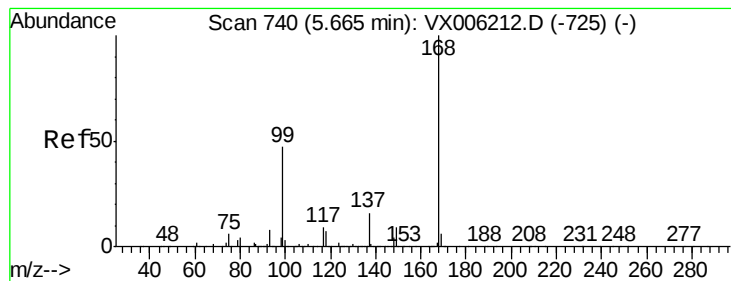
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX113018\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

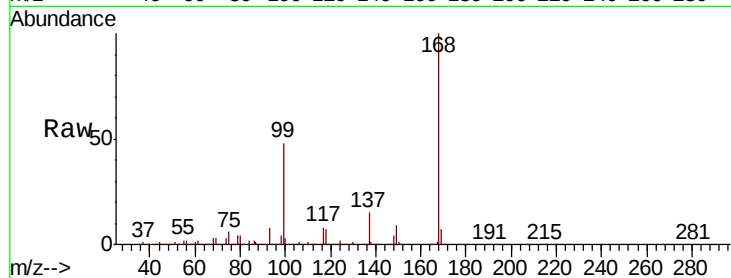
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Tot Ion:168 Resp: 1003349

Ion Ratio Lower Upper

168 100

99 47.8 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

400000

300000

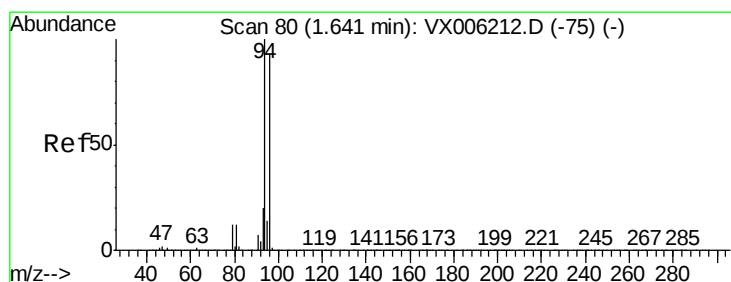
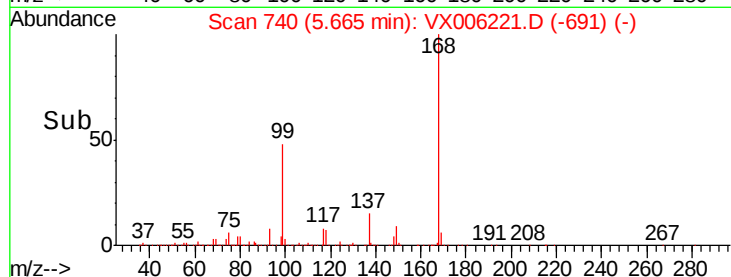
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: 0.209 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX006221.D

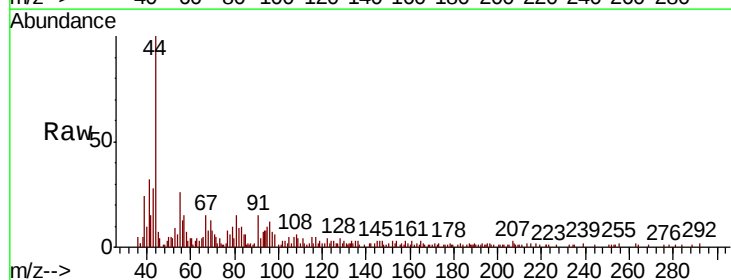
Acq: 30 Nov 2018 11:00

Tgt Ion: 94 Resp: 1573

Ion Ratio Lower Upper

94 100

96 40.0 74.5 111.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

1500

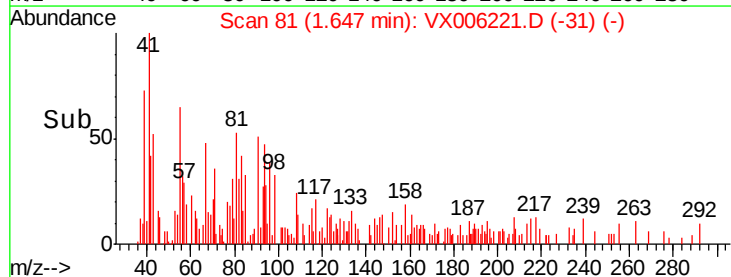
1000

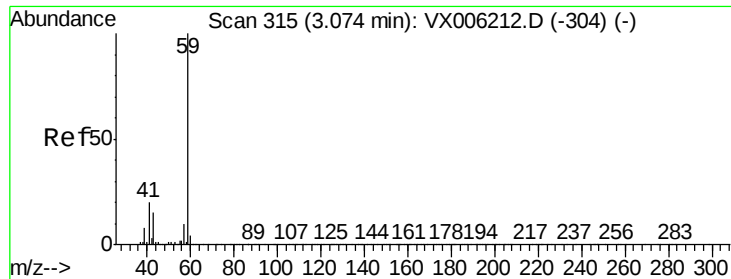
500

0

1.65 1.70

Time-->



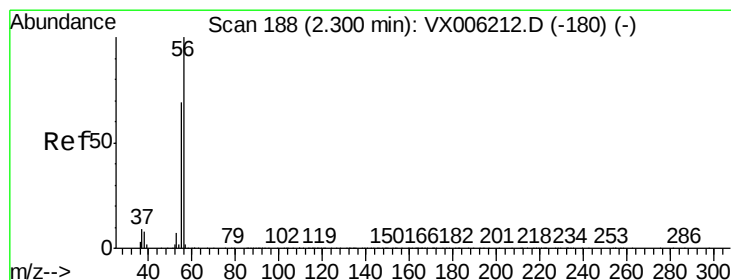
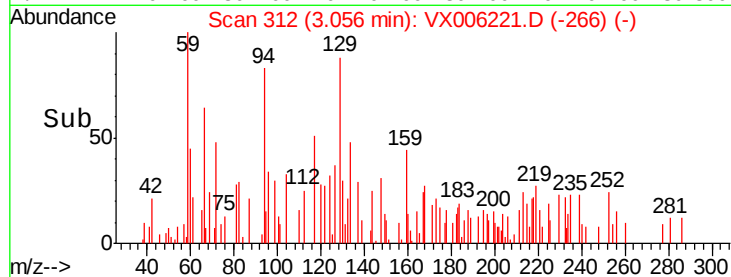
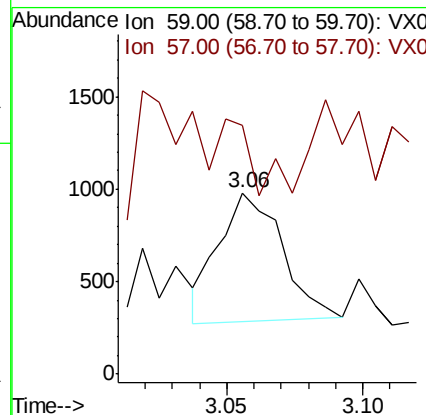
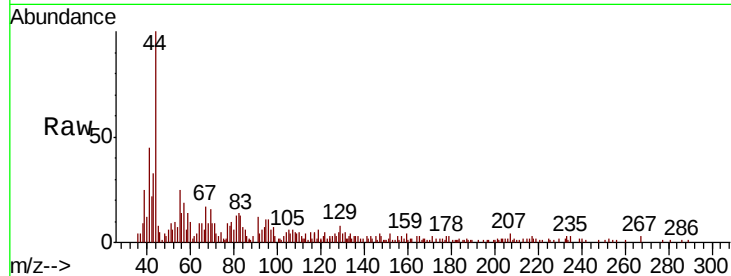


#11

Tert butyl alcohol
 Concen: 0.399 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. -0.02 min
 Lab File: VX006221.D
 Acq: 30 Nov 2018 11:00

Instrument :
 MSVOA_X
 ClientSampled :
 TRIP-BLANK

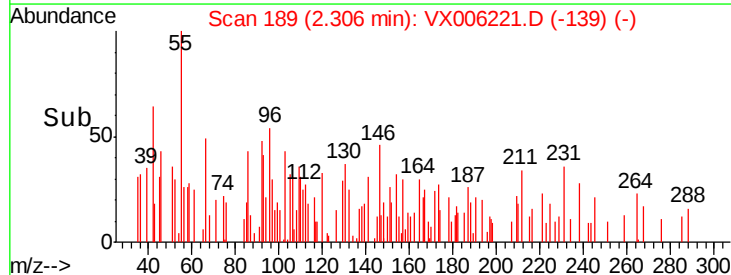
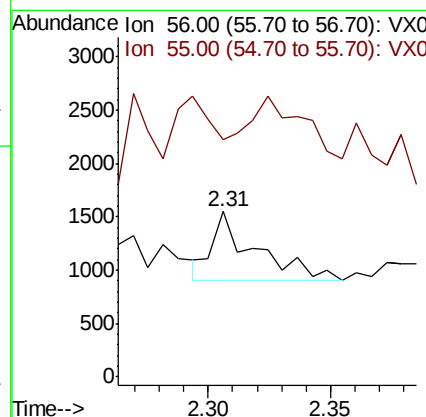
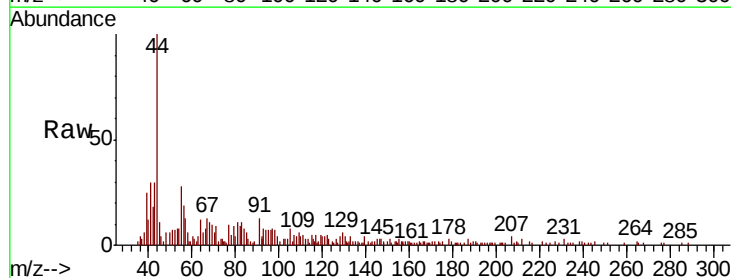
Tot Ion: 59 Resp: 1119
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

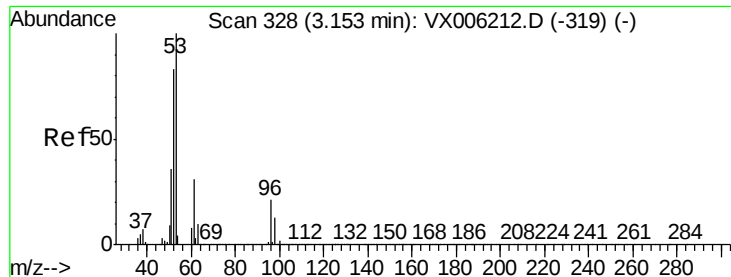


#13

Acrolein
 Concen: 0.518 ug/l
 RT: 2.31 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: VX006221.D
 Acq: 30 Nov 2018 11:00

Tgt Ion: 56 Resp: 793
 Ion Ratio Lower Upper
 56 100
 55 105.9 57.8 86.6#





#15

Acrylonitrile

Concen: 0.316 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

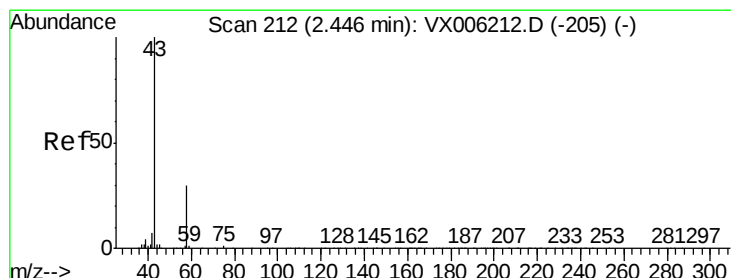
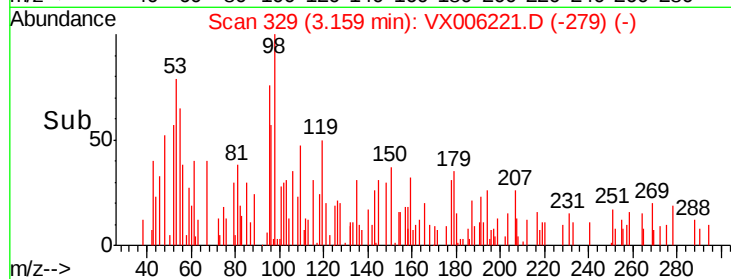
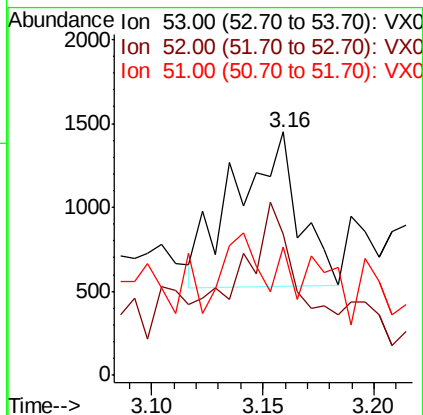
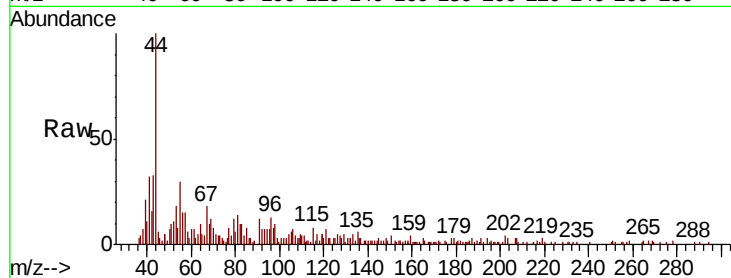
Tot Ion: 53 Resp: 1847

Ion Ratio Lower Upper

53 100

52 51.9 66.2 99.4#

51 28.7 28.7 43.1#



#16

Acetone

Concen: 0.787 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006221.D

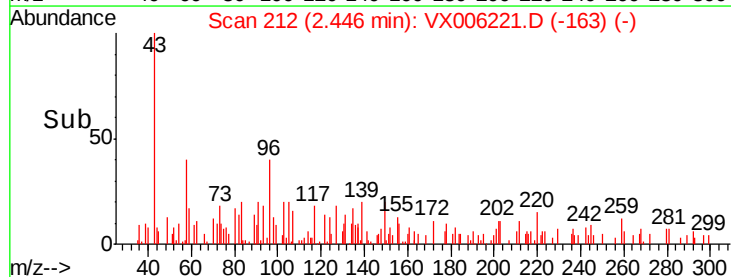
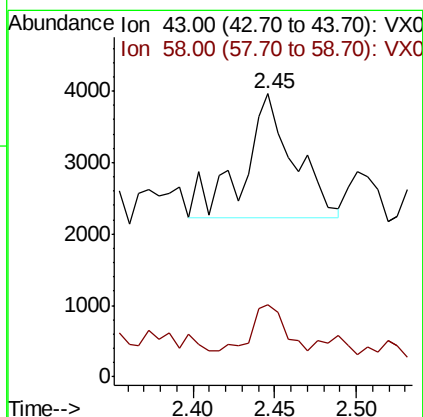
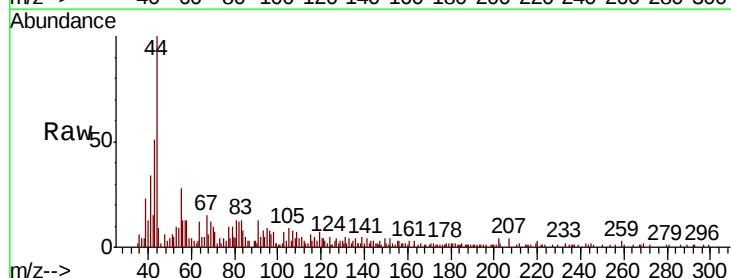
Acq: 30 Nov 2018 11:00

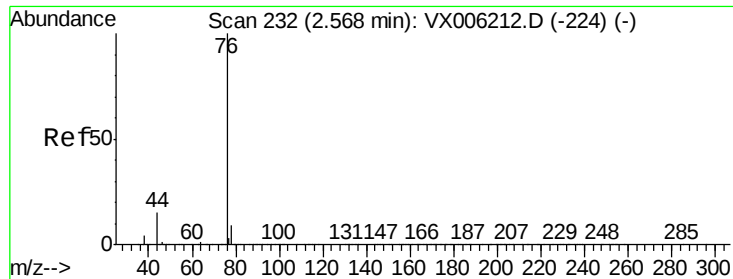
Tgt Ion: 43 Resp: 3784

Ion Ratio Lower Upper

43 100

58 24.1 24.0 36.0





#17

Carbon Disulfide

Concen: 0.259 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

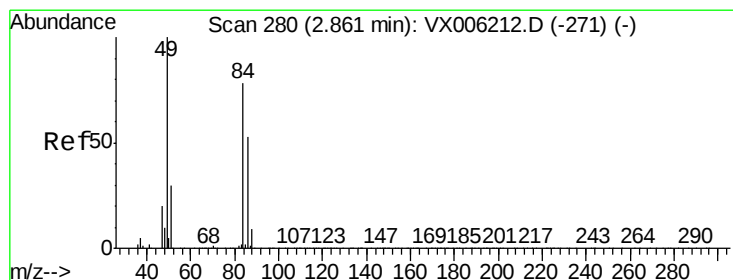
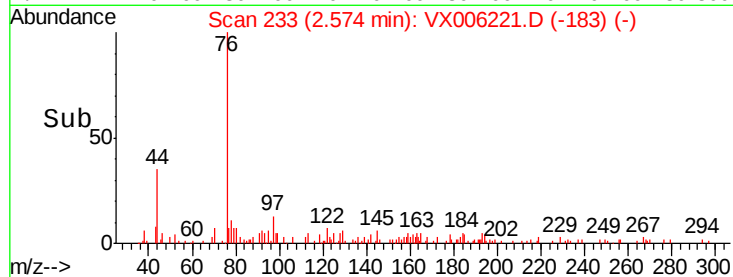
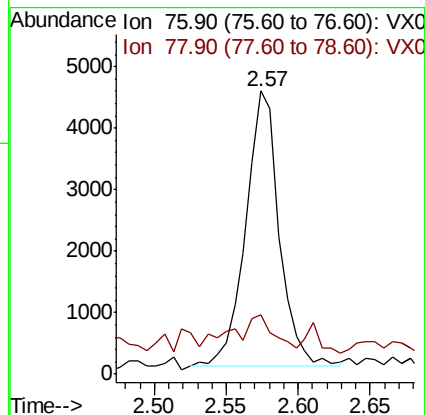
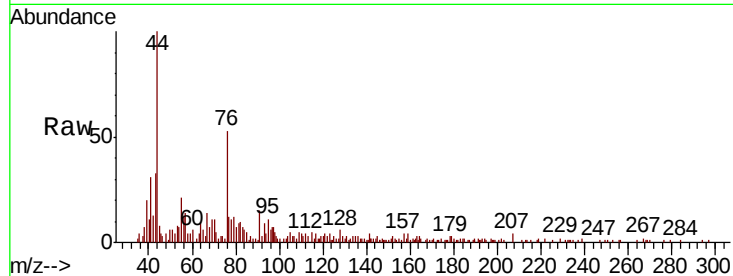
TRIP-BLANK

Tot Ion: 76 Resp: 7244

Ion Ratio Lower Upper

76 100

78 14.0 7.1 10.7#



#20

Methylene Chloride

Concen: 0.328 ug/l

RT: 2.87 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Tgt Ion: 84 Resp: 3357

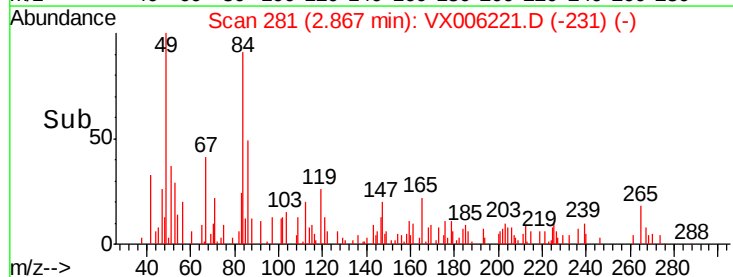
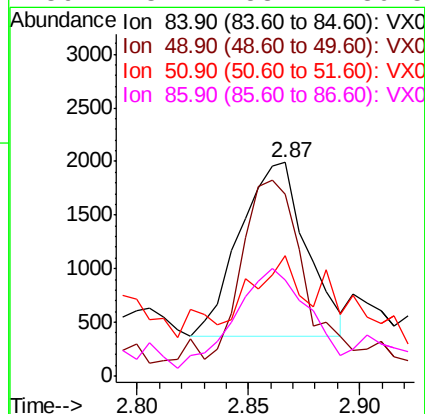
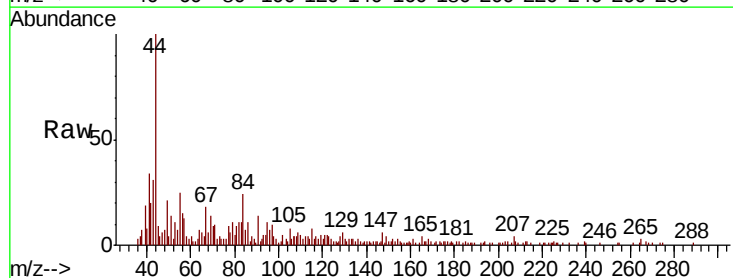
Ion Ratio Lower Upper

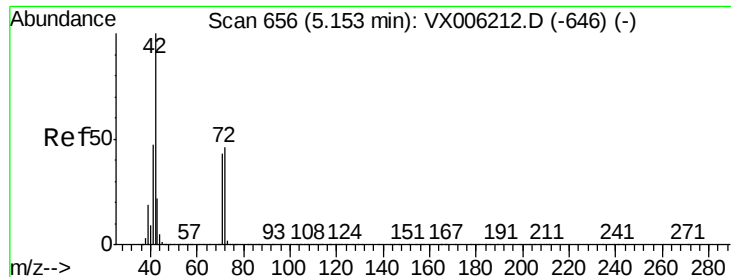
84 100

49 83.4 102.2 153.4#

51 33.7 31.1 46.7

86 43.4 53.7 80.5#





#29

Tetrahydrofuran

Concen: 0.250 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

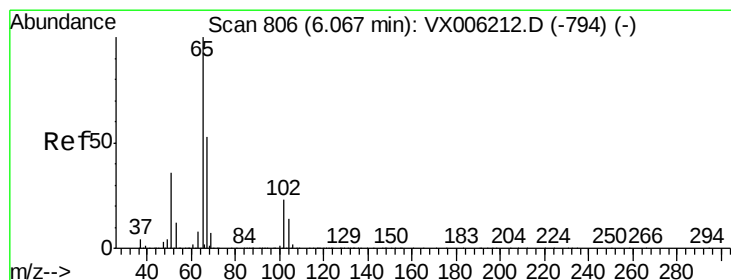
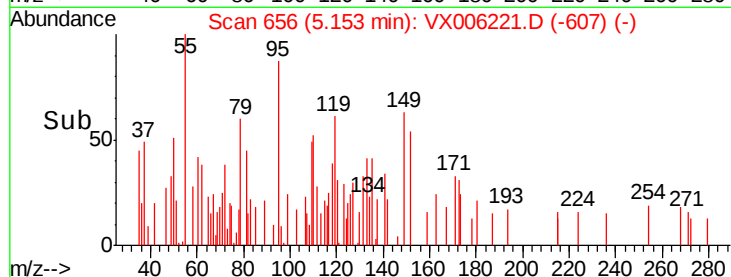
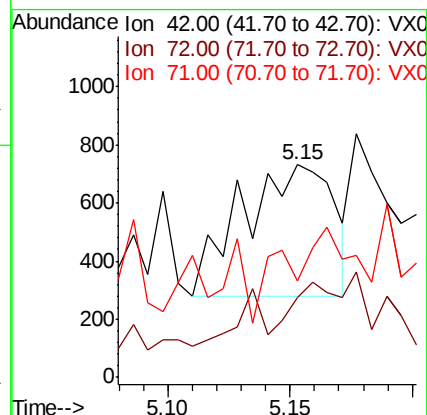
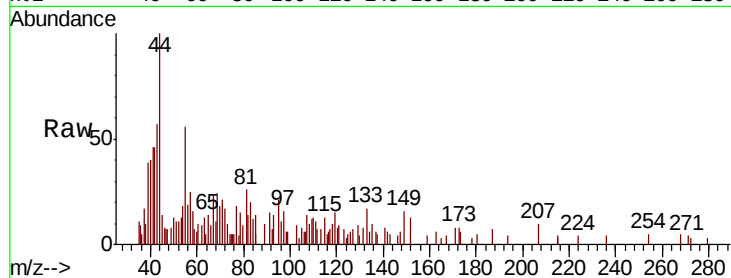
Tot Ion: 42 Resp: 1192

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.8#

71 19.1 35.2 52.8#



#33

1,2-Dichloroethane-d4

Concen: 45.874 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006221.D

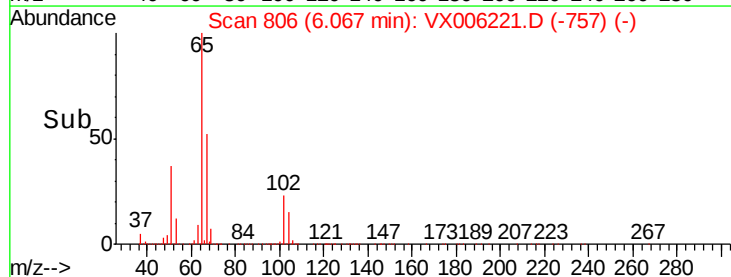
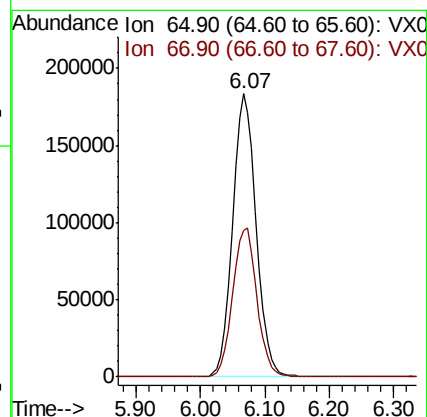
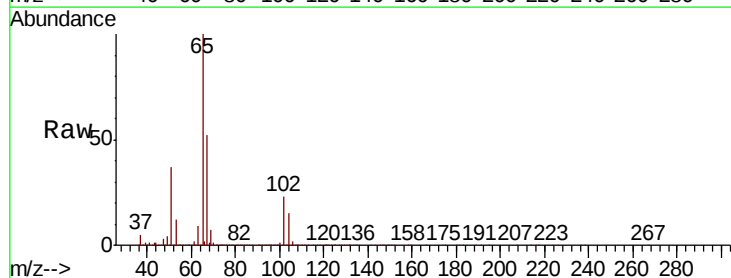
Acq: 30 Nov 2018 11:00

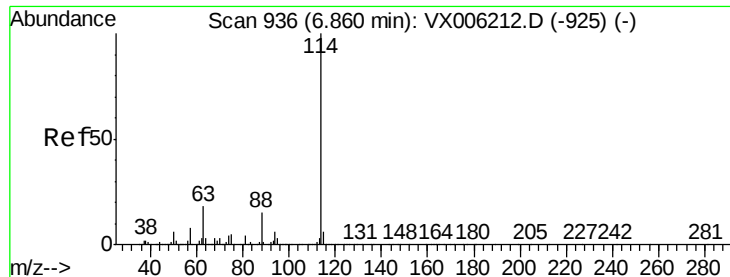
Tgt Ion: 65 Resp: 469866

Ion Ratio Lower Upper

65 100

67 54.0 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

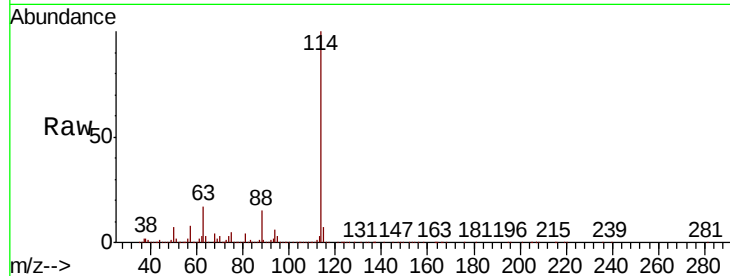
Tot Ion:114 Resp: 1467860

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

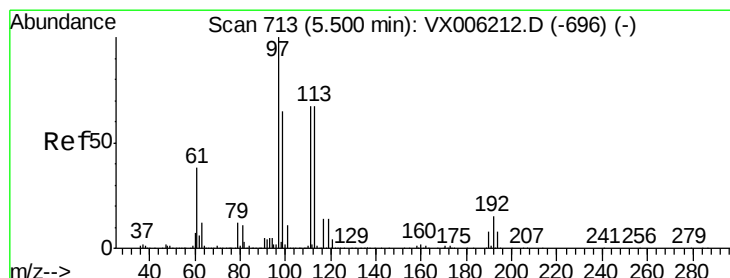
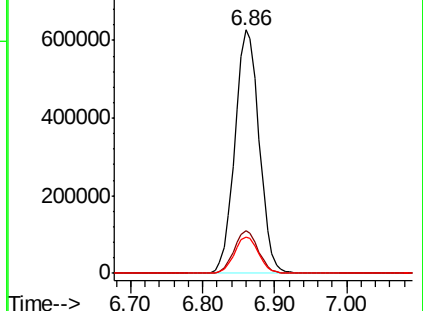
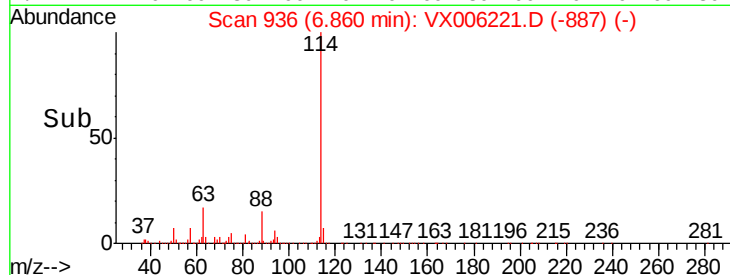
88 15.1 0.0 29.0



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: 48.734 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

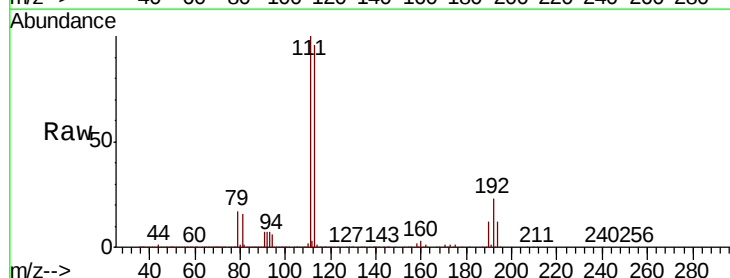
Tgt Ion:113 Resp: 463162

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

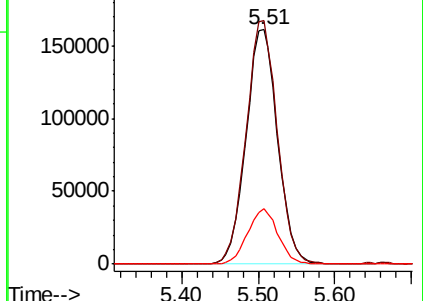
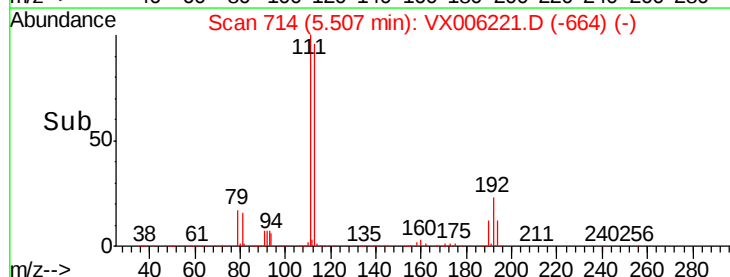
192 22.7 18.2 27.2

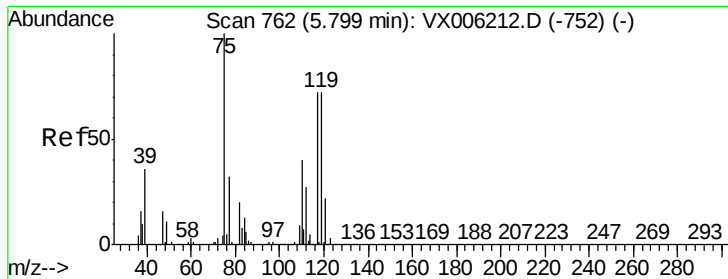


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.809 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampled :

TRIP-BLANK

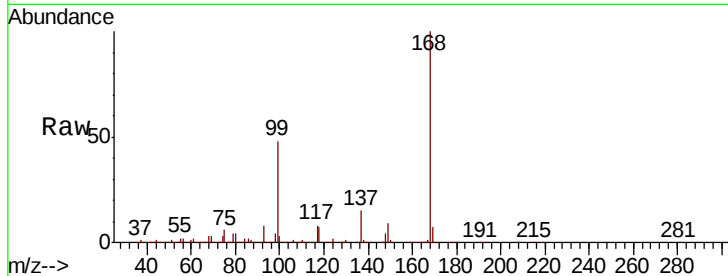
Tot Ion: 75 Resp: 59439

Ion Ratio Lower Upper

75 100

110 10.1 20.4 61.3#

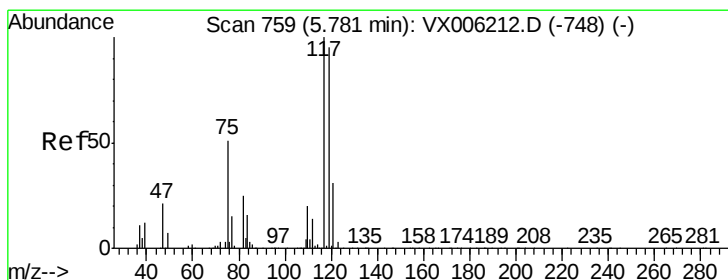
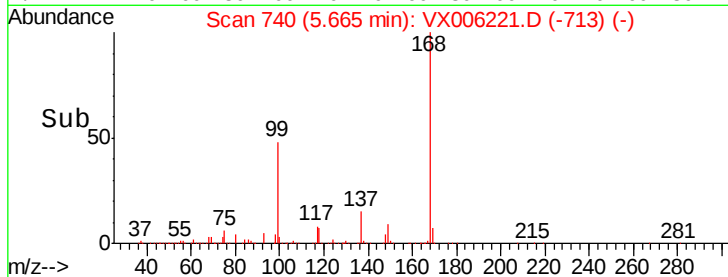
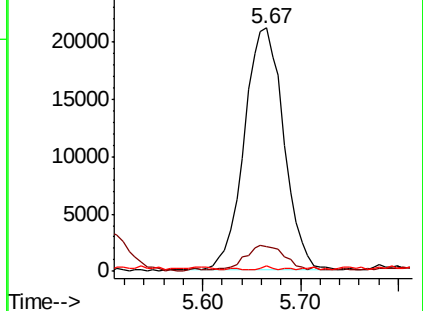
77 0.3 24.9 37.3#



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: 6.012 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

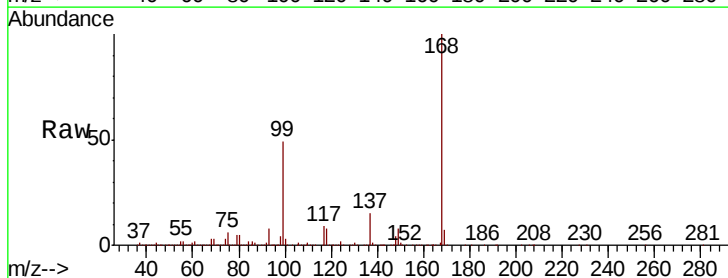
Tgt Ion: 117 Resp: 87430

Ion Ratio Lower Upper

117 100

119 4.7 75.8 113.8#

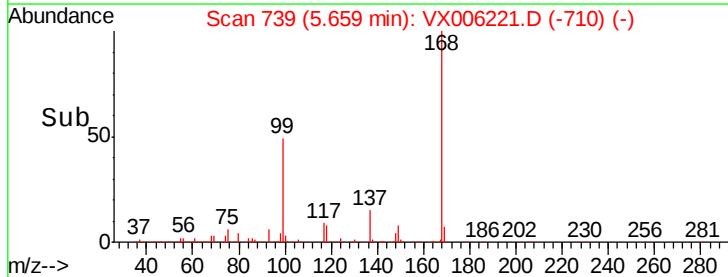
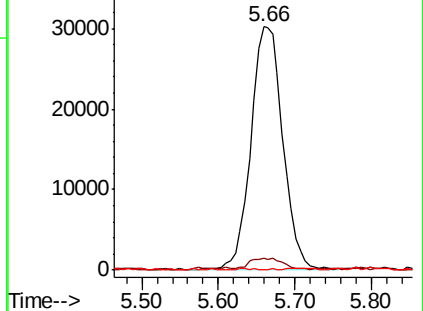
121 0.0 24.6 37.0#

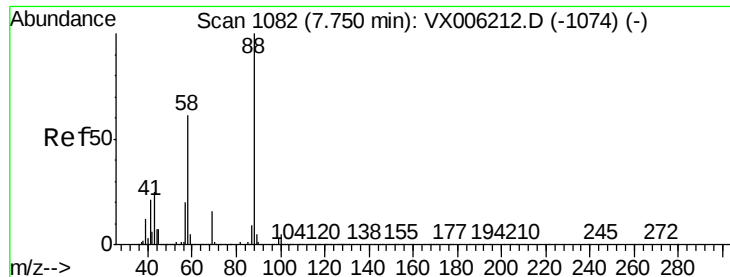


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 1.221 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.02 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

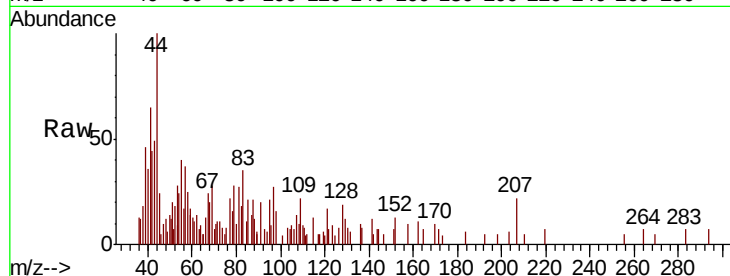
Tot Ion: 88 Resp: 338

Ion Ratio Lower Upper

88 100

43 0.0 23.2 34.8#

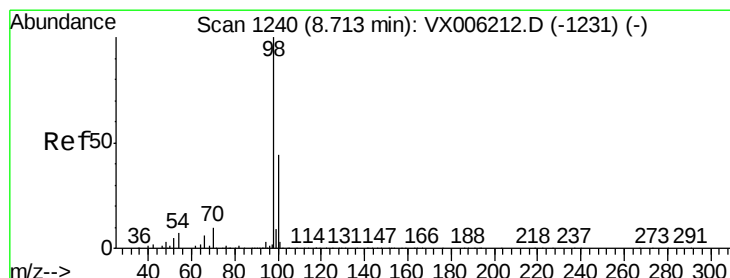
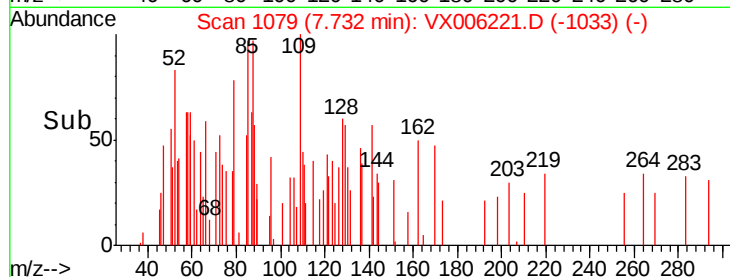
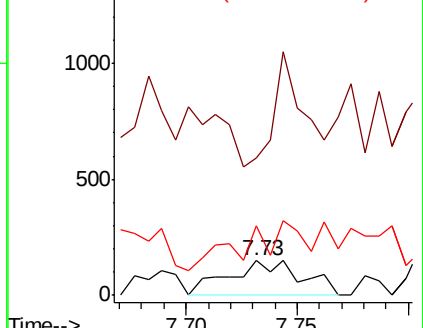
58 35.2 51.4 77.0#



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: 49.577 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006221.D

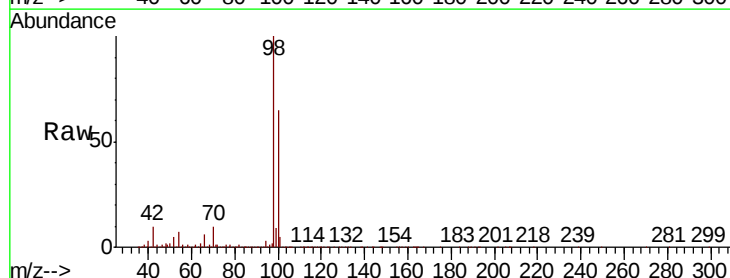
Acq: 30 Nov 2018 11:00

Tgt Ion: 98 Resp: 1713854

Ion Ratio Lower Upper

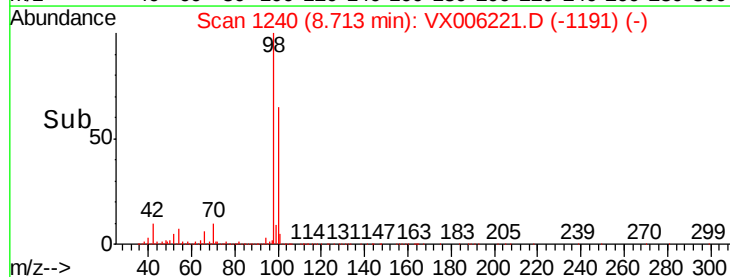
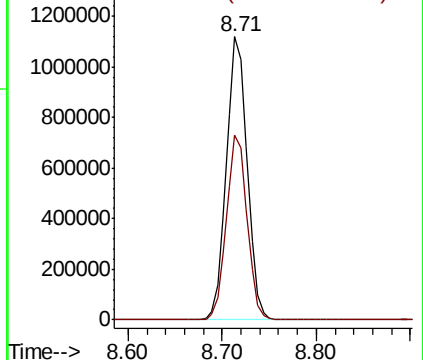
98 100

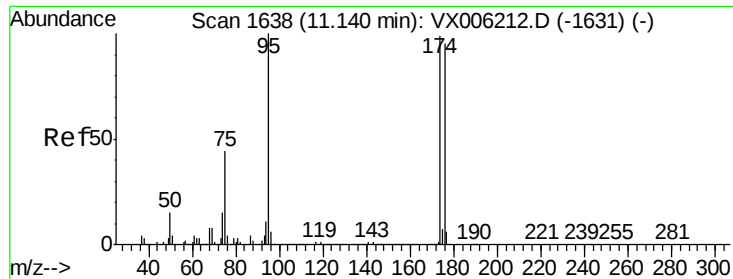
100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 48.659 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

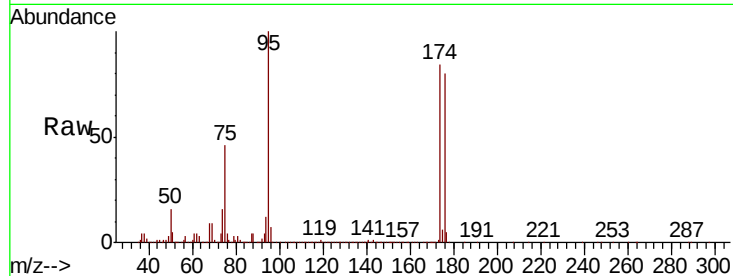
Tot Ion: 95 Resp: 633871

Ion Ratio Lower Upper

95 100

174 91.1 0.0 187.0

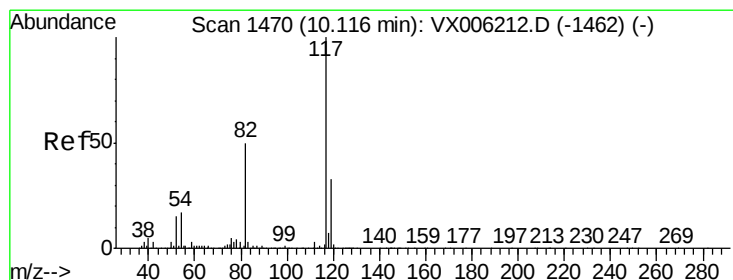
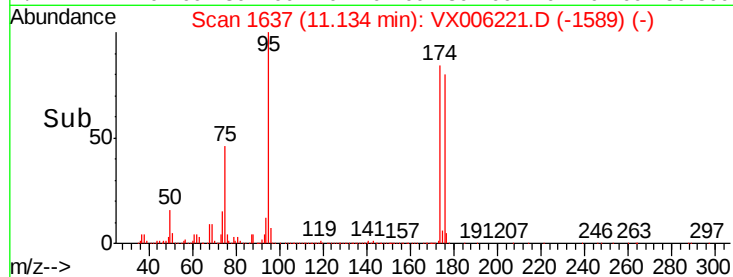
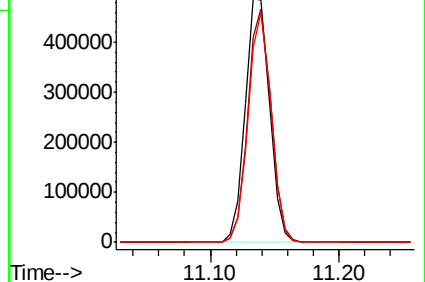
176 88.9 0.0 181.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. -0.00 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

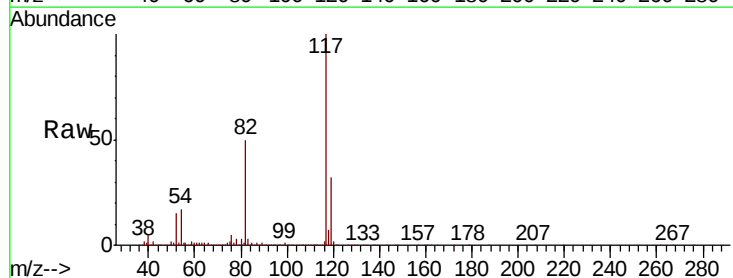
Tgt Ion: 117 Resp: 1329092

Ion Ratio Lower Upper

117 100

82 49.9 39.6 59.4

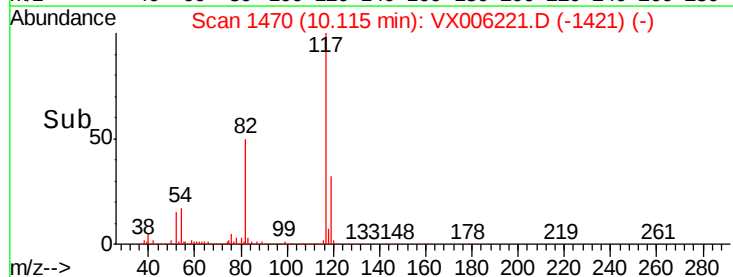
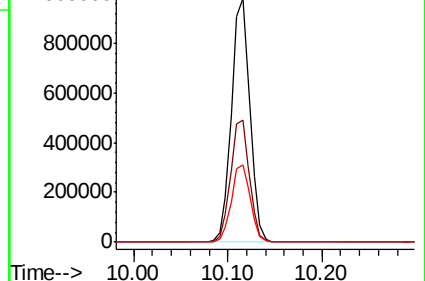
119 31.9 26.3 39.5

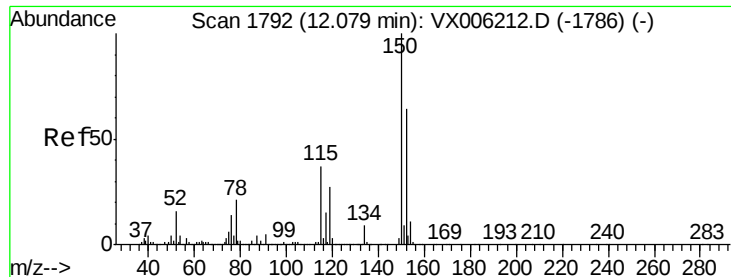


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



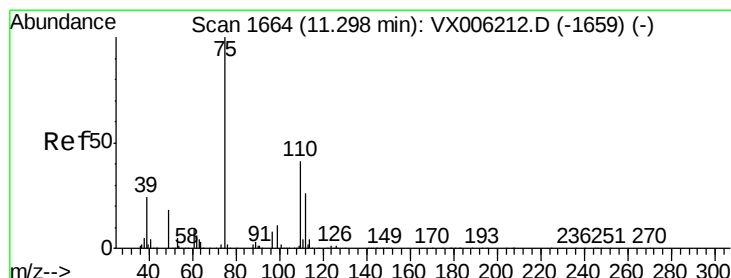
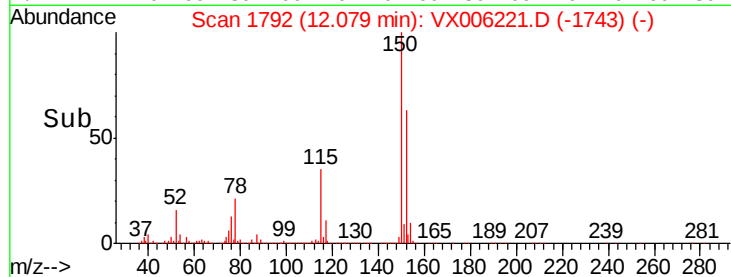
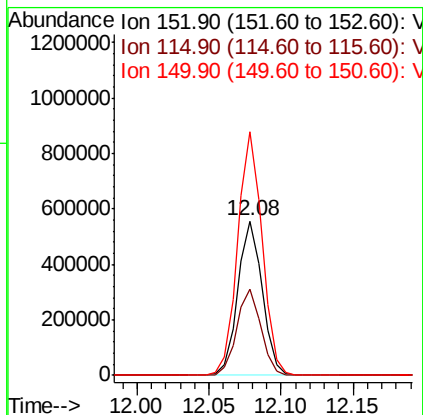
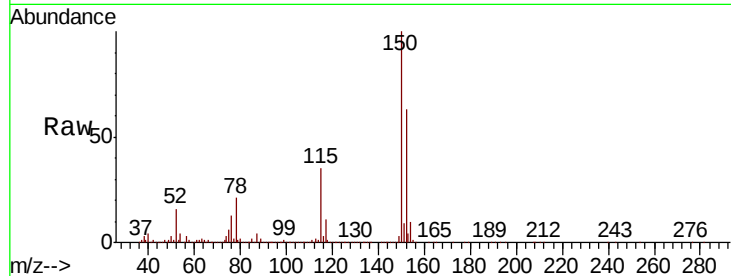


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006221.D
Acq: 30 Nov 2018 11:00

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

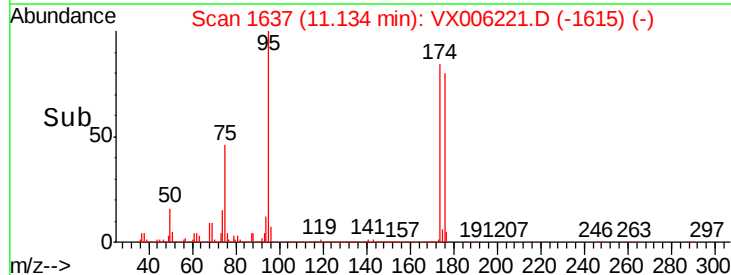
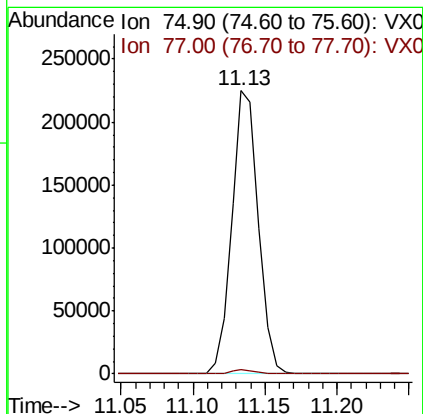
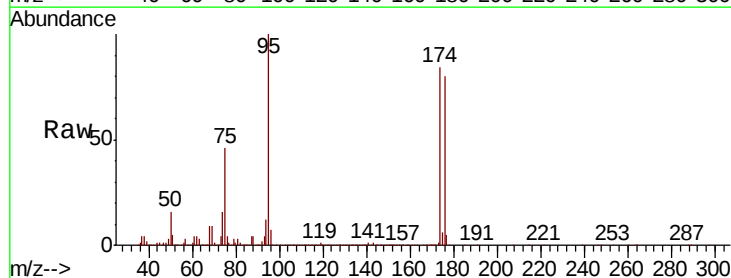
Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	39.0	116.9
150	157.9	0.0	345.8

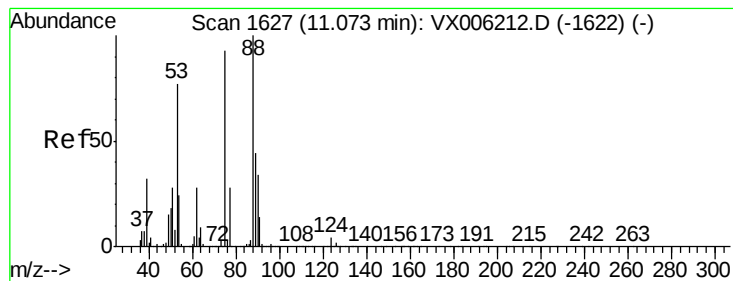


#76

1,2,3-Trichloropropane
Concen: 22.829 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006221.D
Acq: 30 Nov 2018 11:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.9	59.7#





#81

trans-1,4-Dichloro-2-butene

Concen: 53.574 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX006221.D

Acq: 30 Nov 2018 11:00

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

Tot Ion: 75 Resp: 289096

Ion Ratio Lower Upper

75 100

53 0.1 64.4 96.6#

89 0.0 44.2 66.4#

