

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007131.D
 Acq On : 18 Jan 2019 13:36
 Operator : JC/SP
 Sample : K1194-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Jan 18 21:50:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	556400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	864641	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	805351	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	385649	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	297970	51.24	ug/l	0.00
Spiked Amount			Recovery	=	102.48%	
35) Dibromofluoromethane	5.50	113	268580	48.51	ug/l	0.00
Spiked Amount			Recovery	=	97.02%	
50) Toluene-d8	8.71	98	1033362	50.99	ug/l	0.00
Spiked Amount			Recovery	=	101.98%	
62) 4-Bromofluorobenzene	11.13	95	366316	51.84	ug/l	0.00
Spiked Amount			Recovery	=	103.68%	

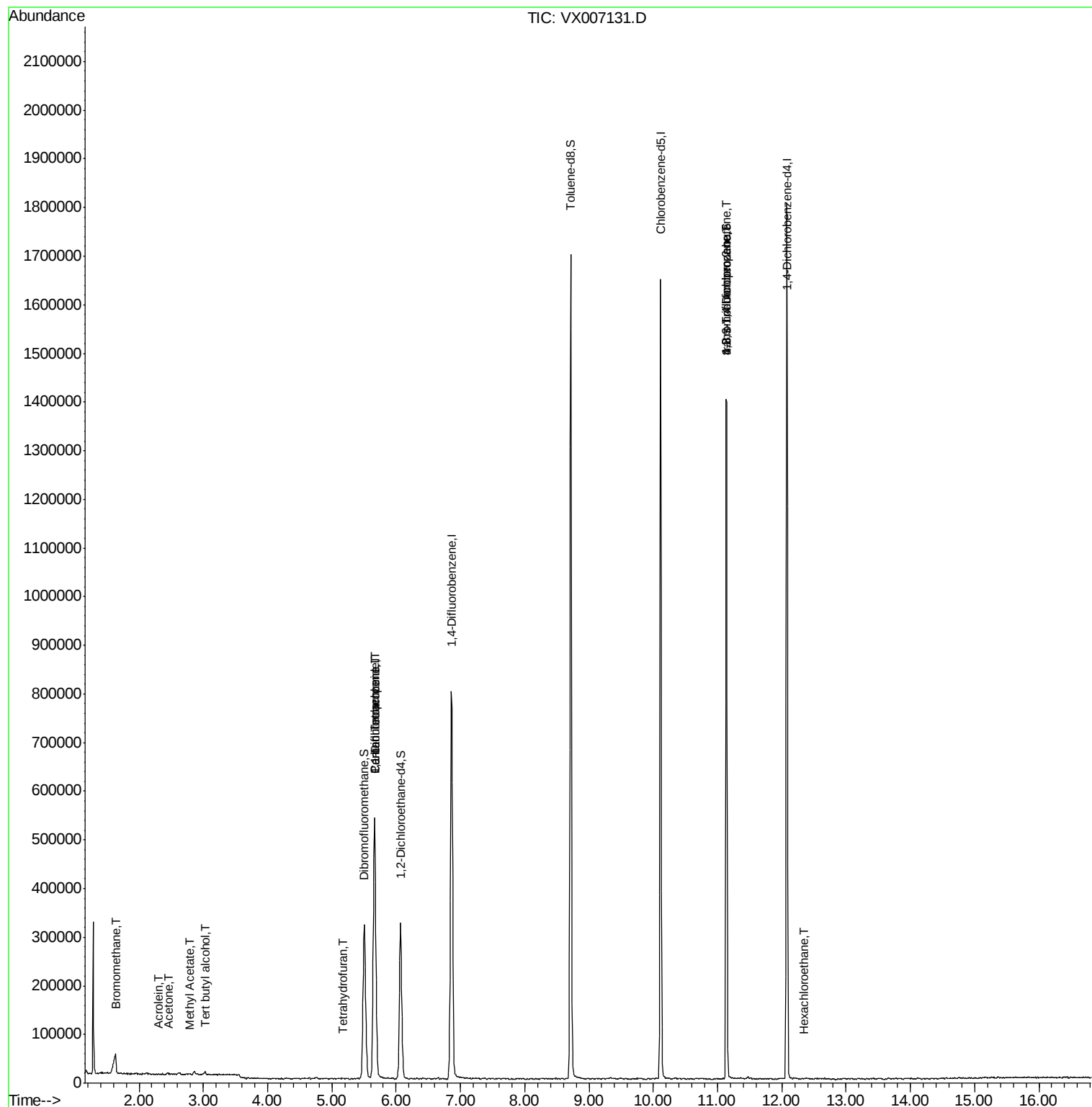
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1892	0.309	ug/l #	65
11) Tert butyl alcohol	3.03	59	4523	3.297	ug/l #	86
13) Acrolein	2.29	56	556	4.012	ug/l #	31
16) Acetone	2.45	43	3934	1.369	ug/l #	83
18) Methyl Acetate	2.79	43	3310	0.398	ug/l #	65
29) Tetrahydrofuran	5.17	42	680	0.254	ug/l #	77
36) 1,1-Dichloropropene	5.66	75	35123	4.672	ug/l #	50
38) Carbon Tetrachloride	5.67	117	49879	6.595	ug/l #	14
49) 1,4-Dioxane	7.76	88	111	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.13	75	173385	22.186	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	173385	65.672	ug/l #	10
90) Hexachloroethane	12.35	117	128	2.939	ug/l	74

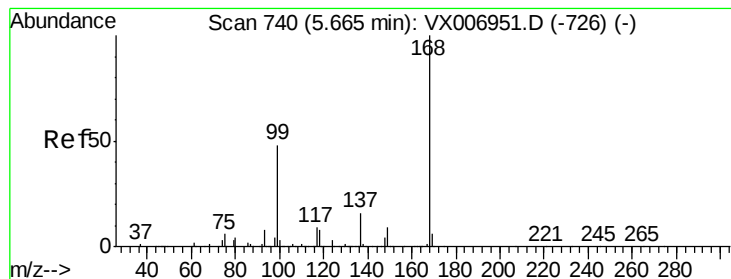
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007131.D

Acq: 18 Jan 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

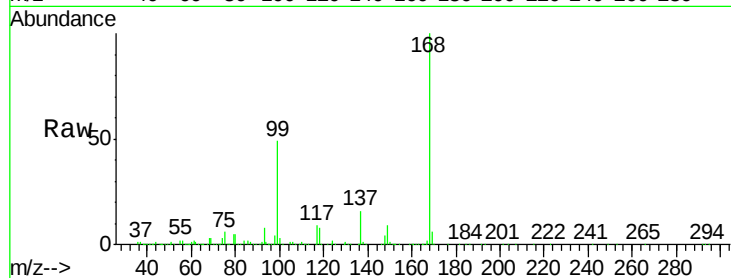
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 556400

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

150000

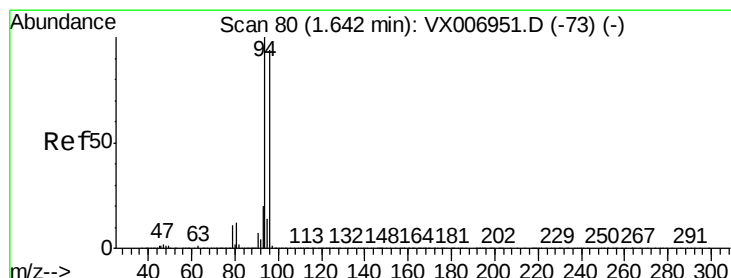
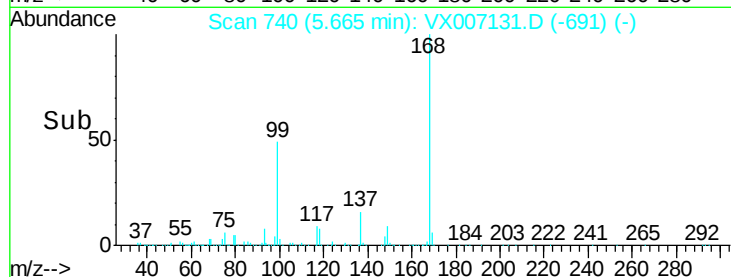
100000

50000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#5

Bromomethane

Concen: 0.309 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX007131.D

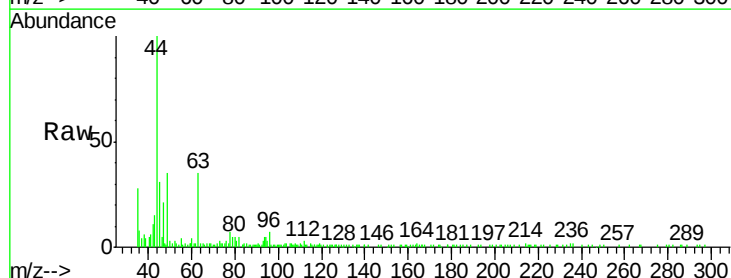
Acq: 18 Jan 2019 13:36

Tgt Ion: 94 Resp: 1892

Ion Ratio Lower Upper

94 100

96 58.1 73.4 110.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

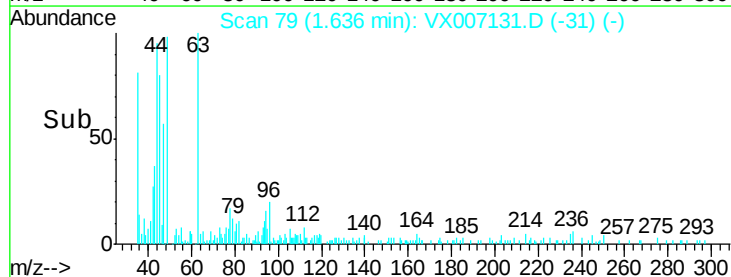
1000

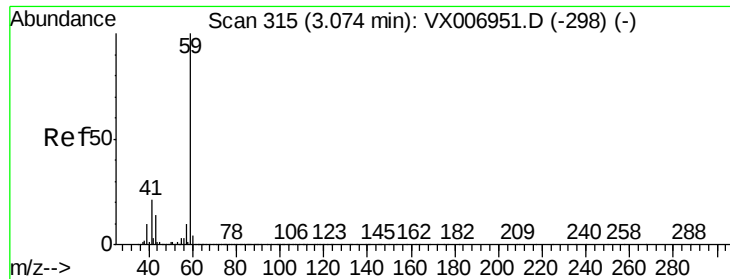
500

0

Time-->

1.60 1.65 1.70



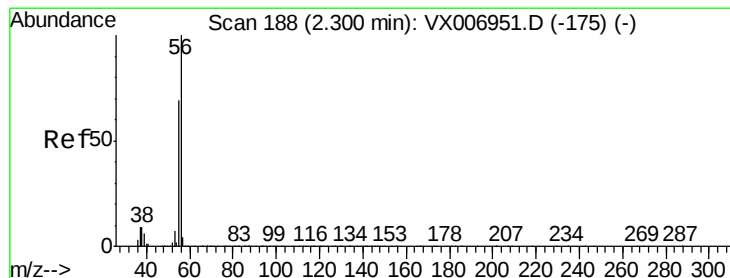
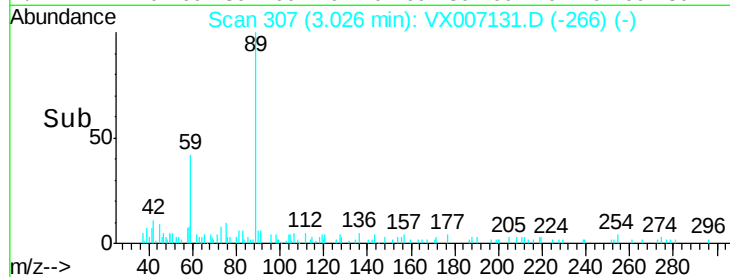
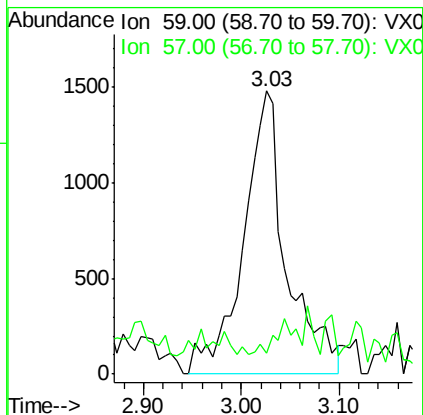
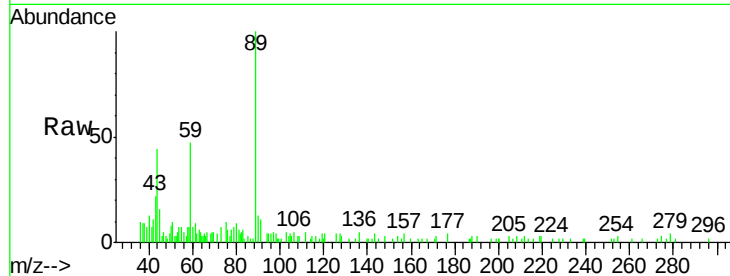


#11

Tert butyl alcohol
 Concen: 3.297 ug/l
 RT: 3.03 min Scan# 307
 Delta R.T. -0.05 min
 Lab File: VX007131.D
 Acq: 18 Jan 2019 13:36

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

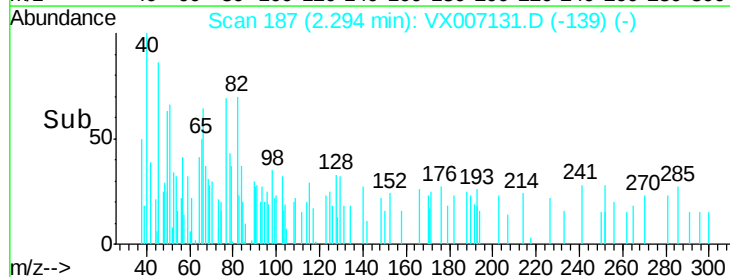
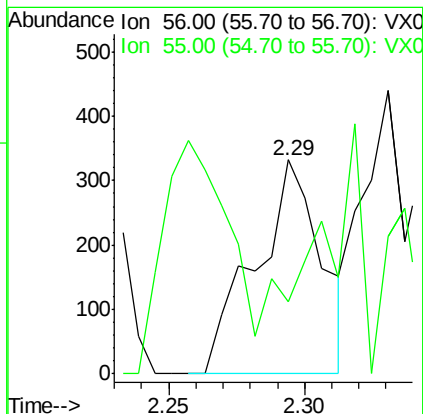
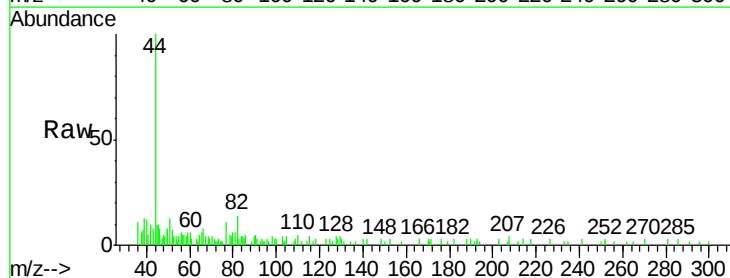
Tot Ion: 59 Resp: 4523
 Ion Ratio Lower Upper
 59 100
 57 5.3 8.5 12.7#

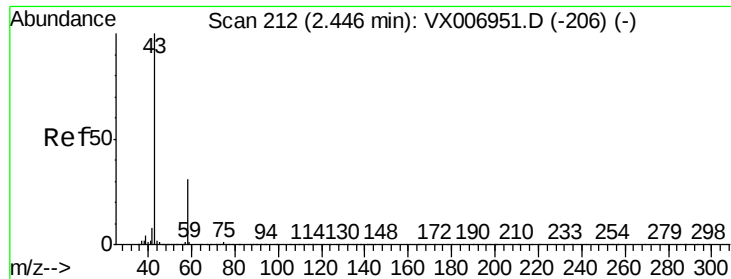


#13

Acrolein
 Concen: 4.012 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX007131.D
 Acq: 18 Jan 2019 13:36

Tgt Ion: 56 Resp: 556
 Ion Ratio Lower Upper
 56 100
 55 14.9 58.2 87.4#

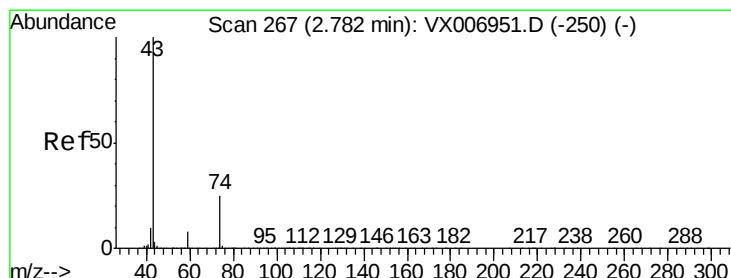
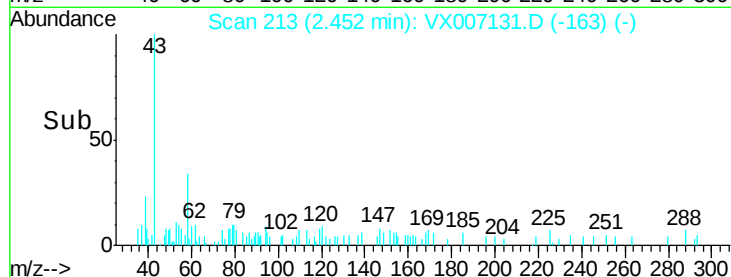
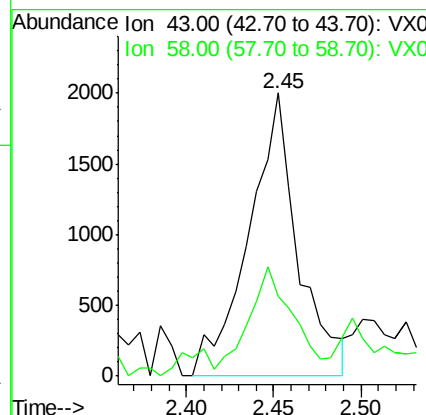
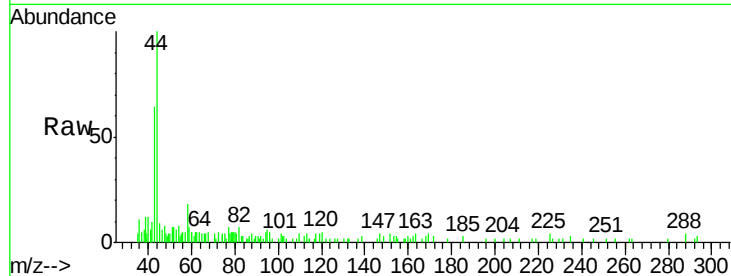




#16
Acetone
Concen: 1.369 ug/l
RT: 2.45 min Scan# 213
Delta R.T. 0.01 min
Lab File: VX007131.D
Acq: 18 Jan 2019 13:36

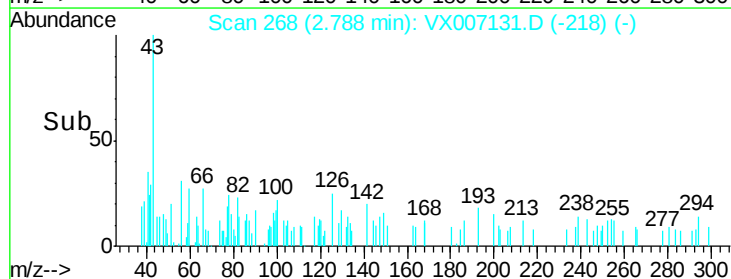
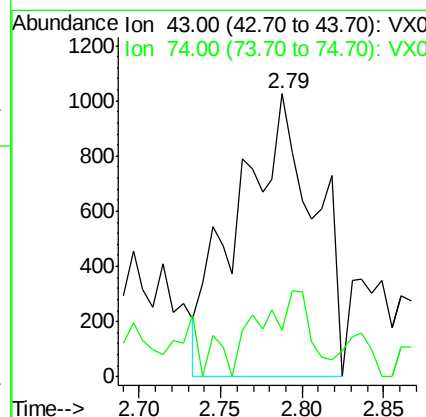
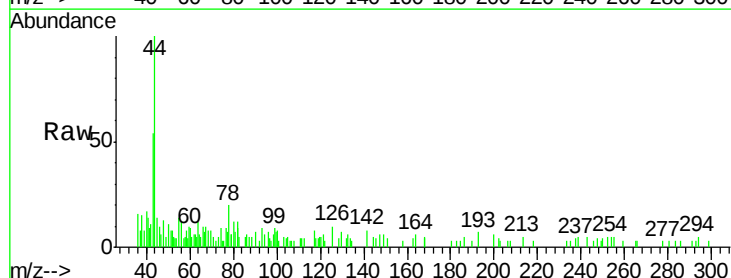
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

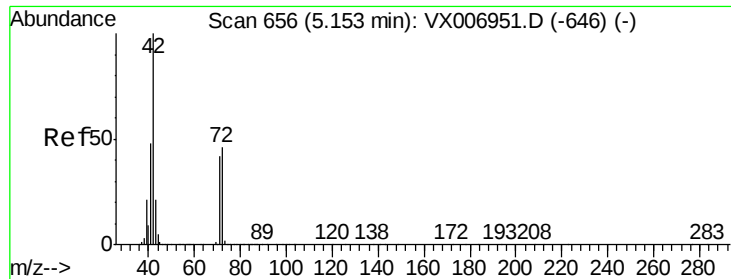
Tot Ion: 43 Resp: 3934
Ion Ratio Lower Upper
43 100
58 21.8 25.0 37.6#



#18
Methyl Acetate
Concen: 0.398 ug/l
RT: 2.79 min Scan# 268
Delta R.T. 0.01 min
Lab File: VX007131.D
Acq: 18 Jan 2019 13:36

Tgt Ion: 43 Resp: 3310
Ion Ratio Lower Upper
43 100
74 6.2 18.6 28.0#





#29

Tetrahydrofuran

Concen: 0.254 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.02 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

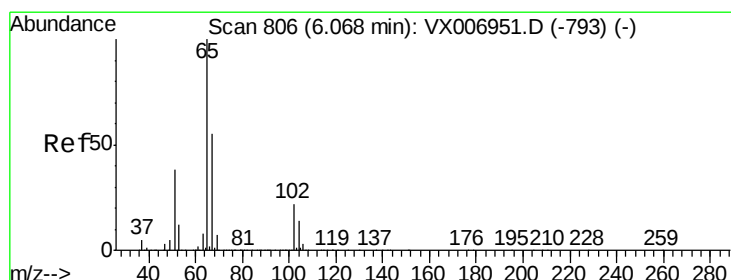
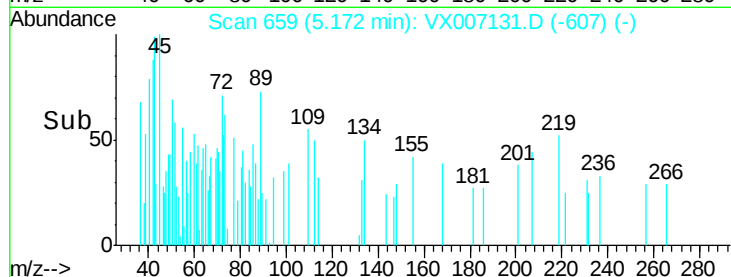
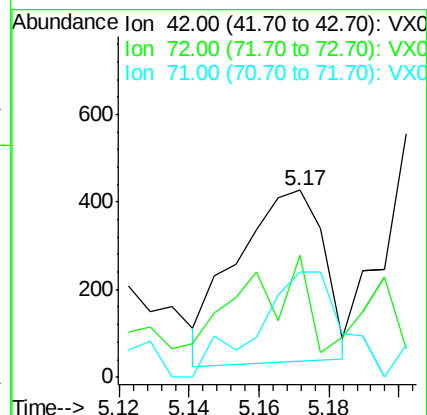
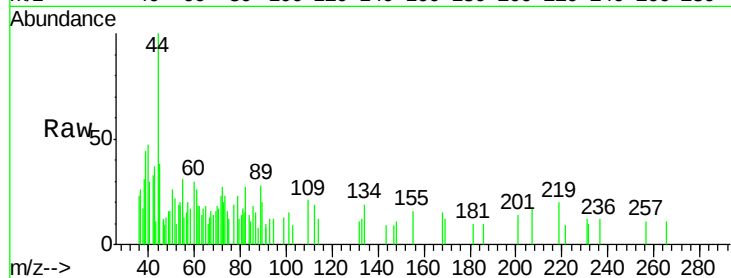
Tot Ion: 42 Resp: 680

Ion Ratio Lower Upper

42 100

72 64.6 38.9 58.3#

71 59.6 36.2 54.4#



#33

1,2-Dichloroethane-d4

Concen: 51.243 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007131.D

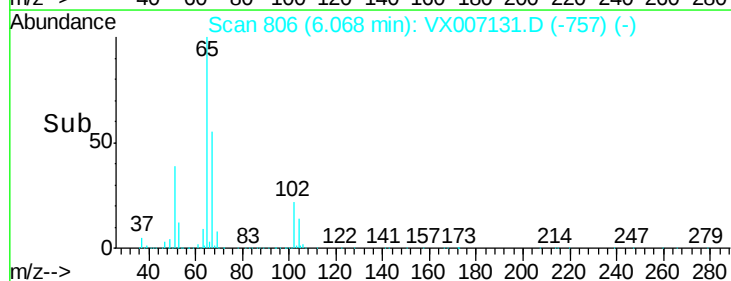
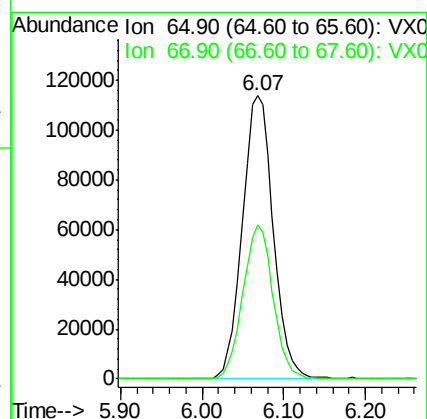
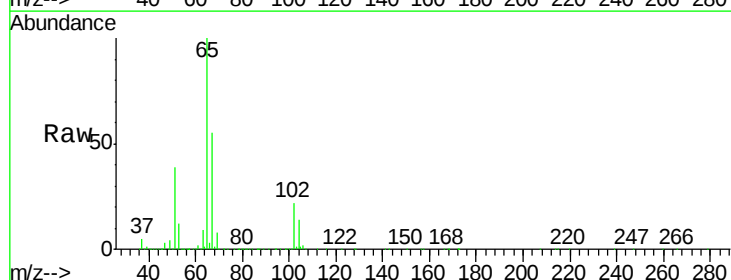
Acq: 18 Jan 2019 13:36

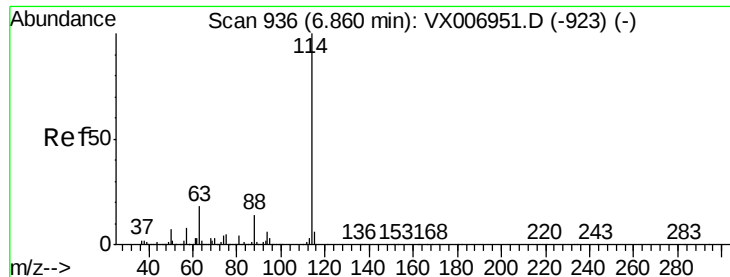
Tgt Ion: 65 Resp: 297970

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

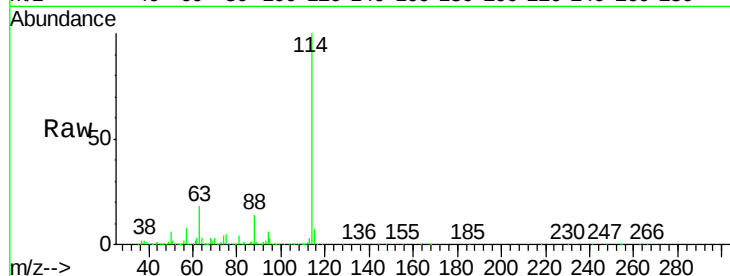
Tot Ion:114 Resp: 864641

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

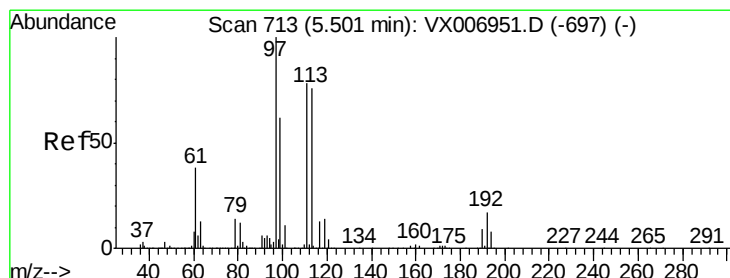
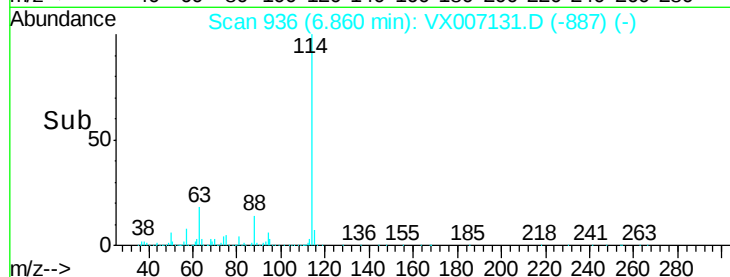
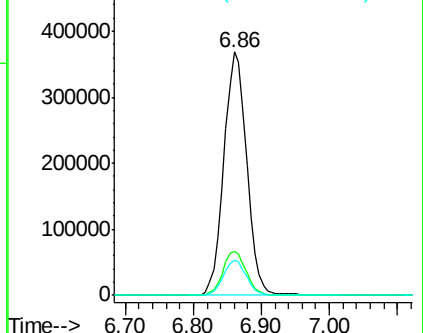
88 14.3 0.0 28.8



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: 48.505 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

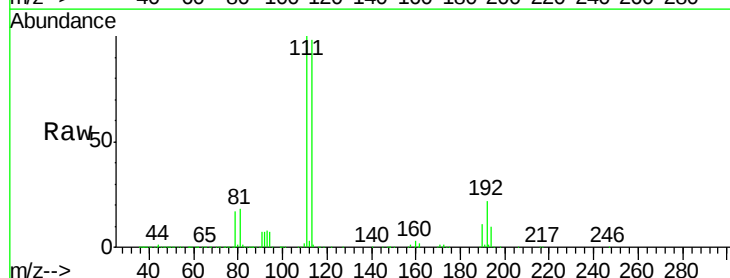
Tgt Ion:113 Resp: 268580

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

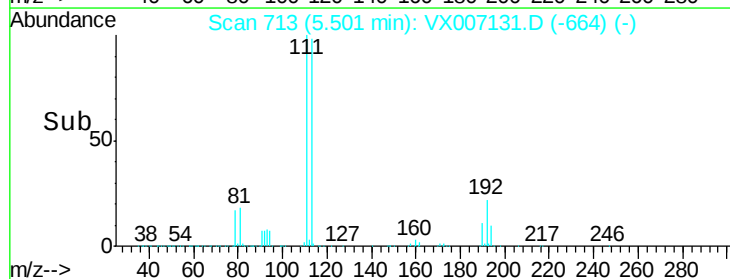
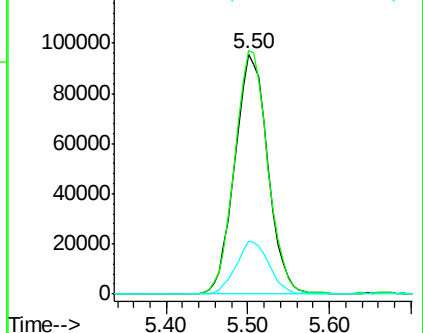
192 22.2 16.7 25.1

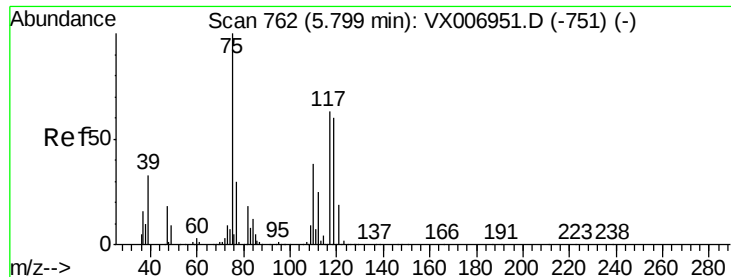


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.672 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

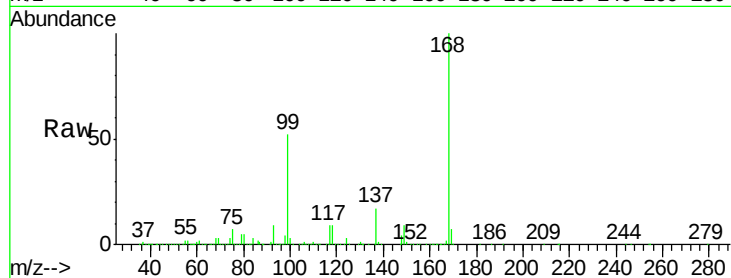
Tot Ion: 75 Resp: 35123

Ion Ratio Lower Upper

75 100

110 11.7 20.2 60.5#

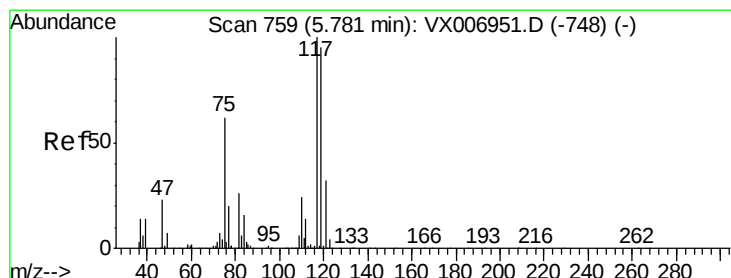
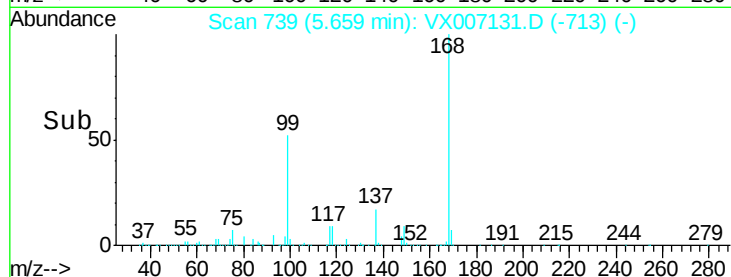
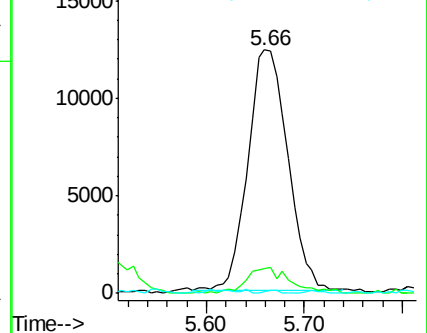
77 0.4 24.8 37.2#



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: 6.595 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

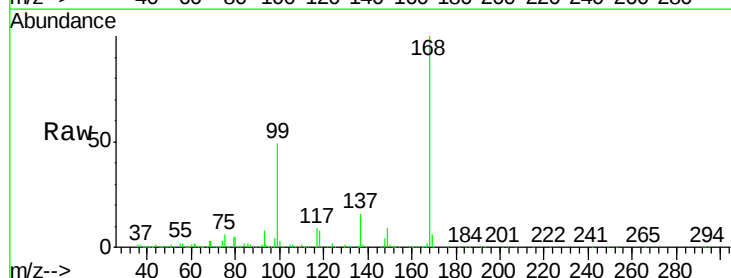
Tgt Ion: 117 Resp: 49879

Ion Ratio Lower Upper

117 100

119 4.1 79.4 119.2#

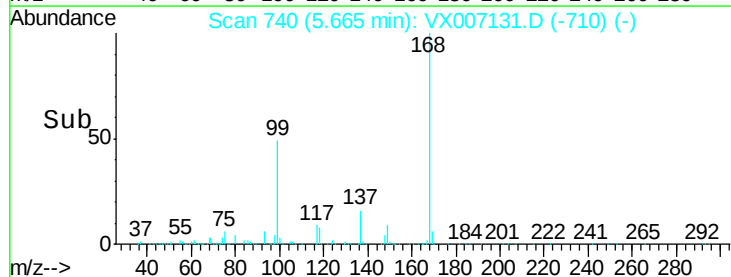
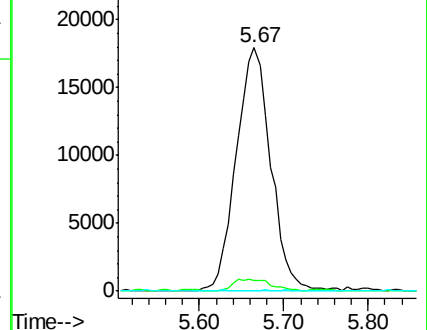
121 0.0 24.0 36.0#

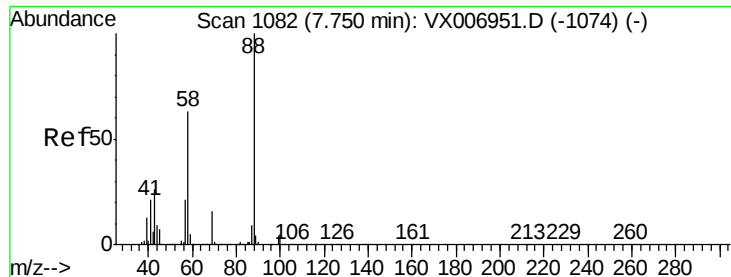


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

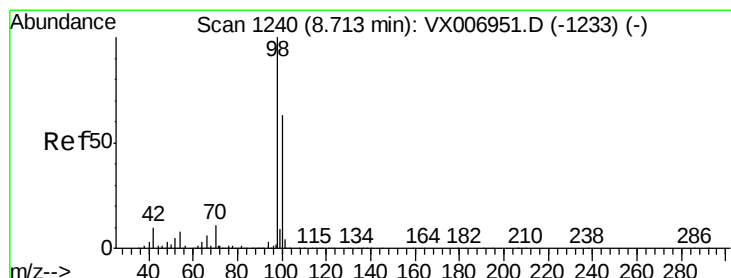
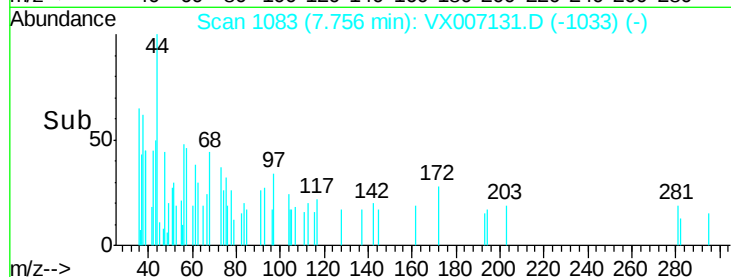
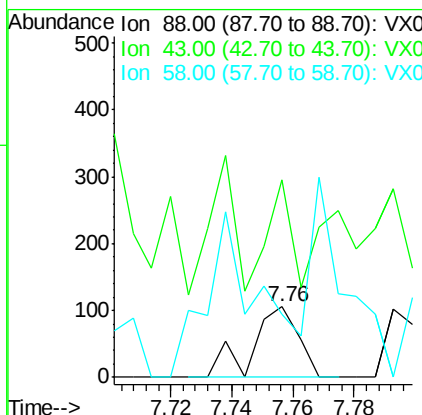
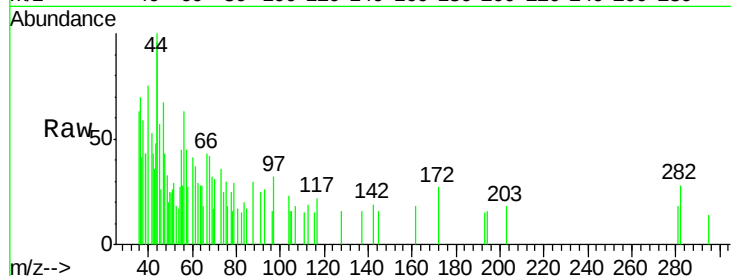




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007131.D
Acq: 18 Jan 2019 13:36

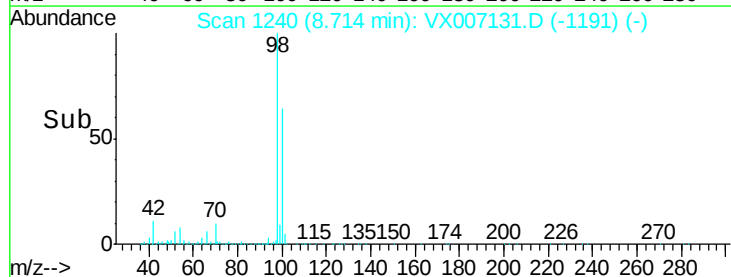
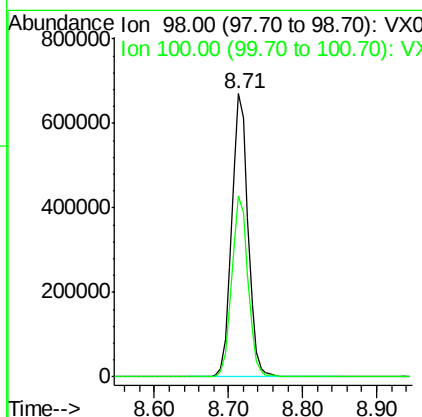
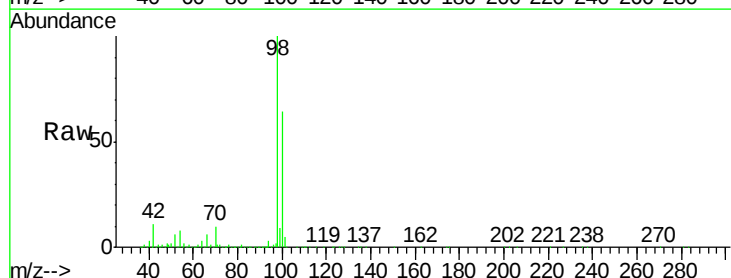
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

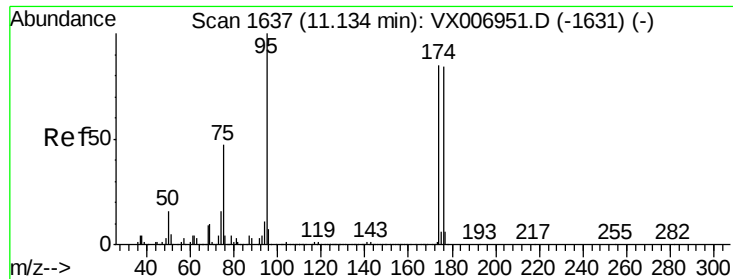
Tot Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 0.0 22.2 33.4#
58 211.7 51.0 76.4#



#50
Toluene-d8
Concen: 50.986 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007131.D
Acq: 18 Jan 2019 13:36

Tgt Ion: 98 Resp: 1033362
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0

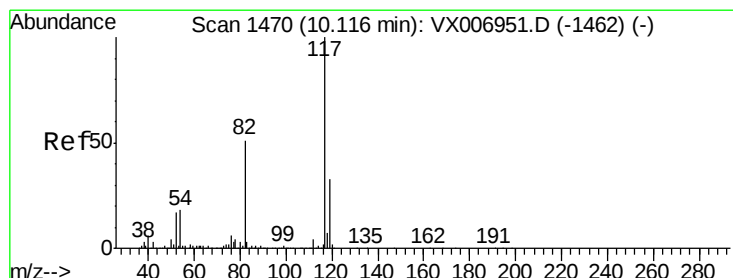
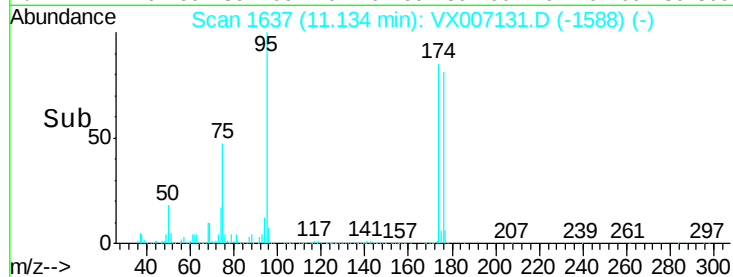
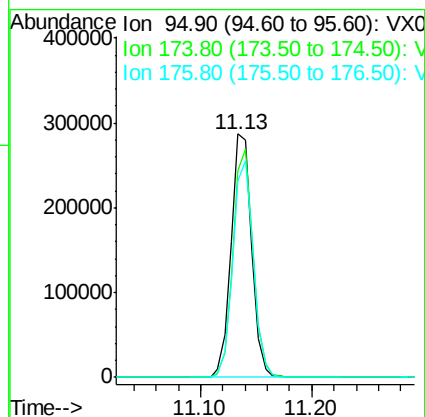
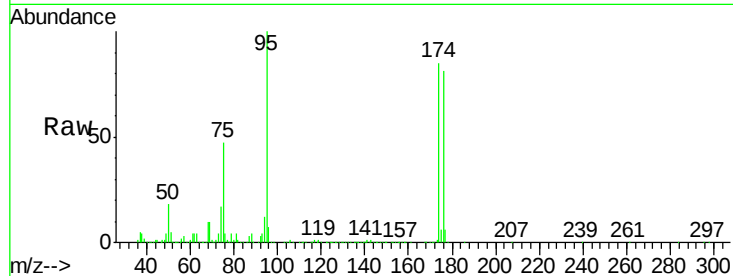




#62
4-Bromofluorobenzene
Concen: 51.844 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007131.D
Acq: 18 Jan 2019 13:36

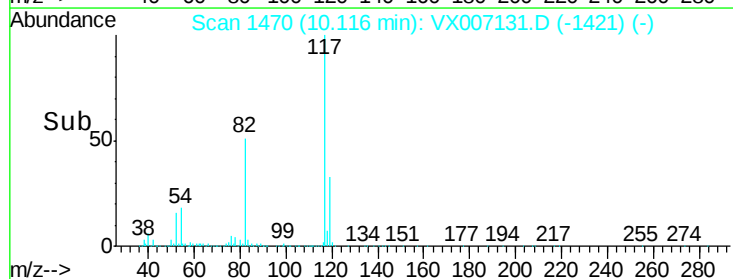
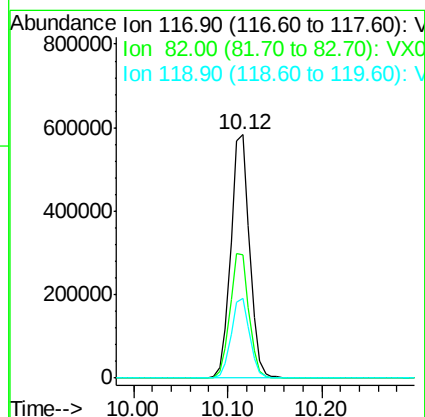
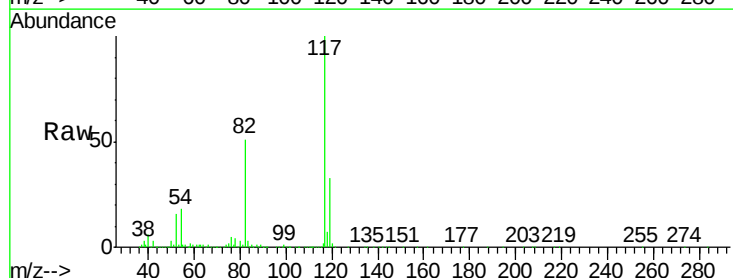
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

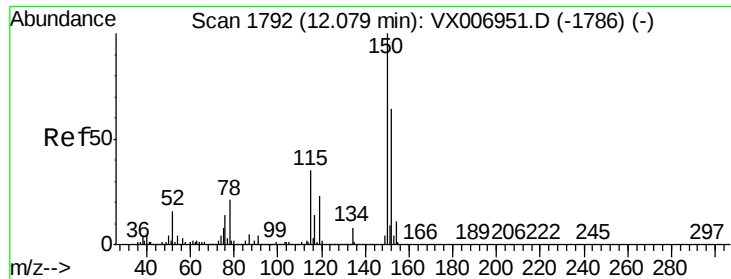
Tot Ion: 95 Resp: 366316
Ion Ratio Lower Upper
95 100
174 91.7 0.0 182.2
176 88.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX007131.D
Acq: 18 Jan 2019 13:36

Tgt Ion: 117 Resp: 805351
Ion Ratio Lower Upper
117 100
82 50.8 41.0 61.6
119 32.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

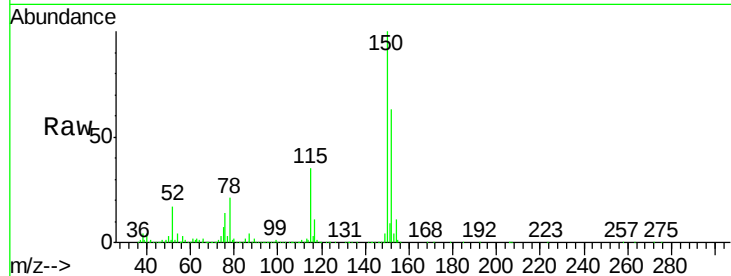
Tot Ion:152 Resp: 385649

Ion Ratio Lower Upper

152 100

115 55.6 39.1 117.2

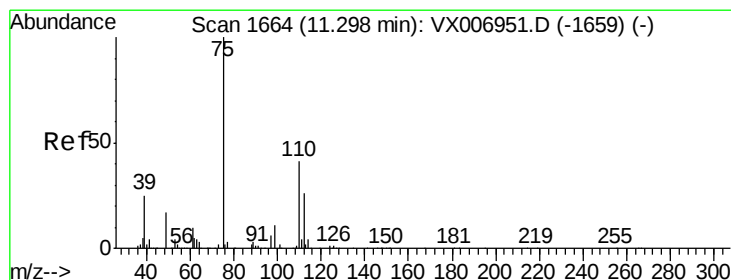
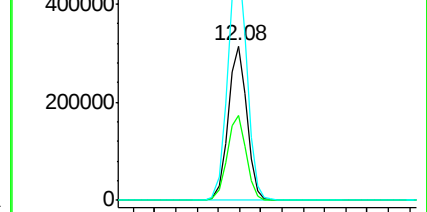
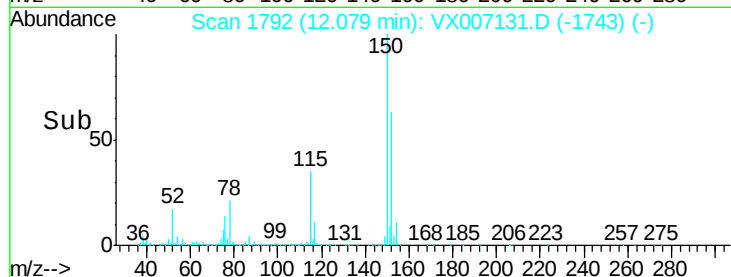
150 158.2 0.0 344.8



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



#76

1,2,3-Trichloropropane

Concen: 22.186 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007131.D

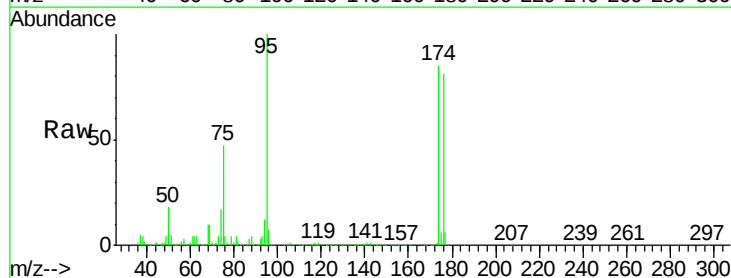
Acq: 18 Jan 2019 13:36

Tgt Ion: 75 Resp: 173385

Ion Ratio Lower Upper

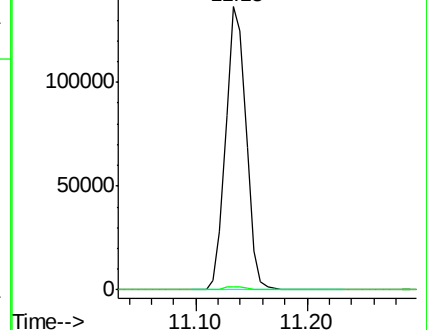
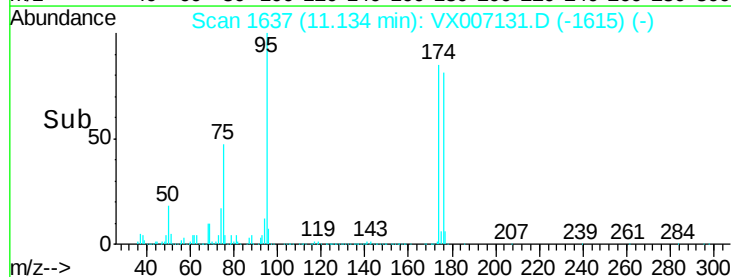
75 100

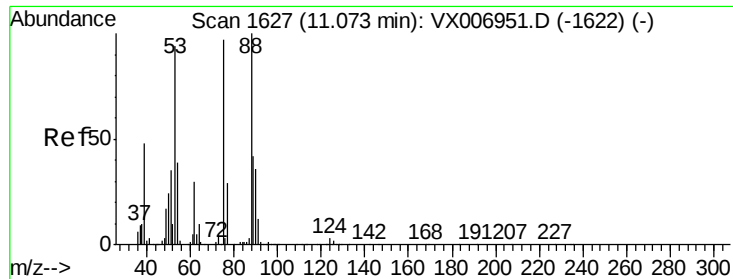
77 1.3 18.5 55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 65.672 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

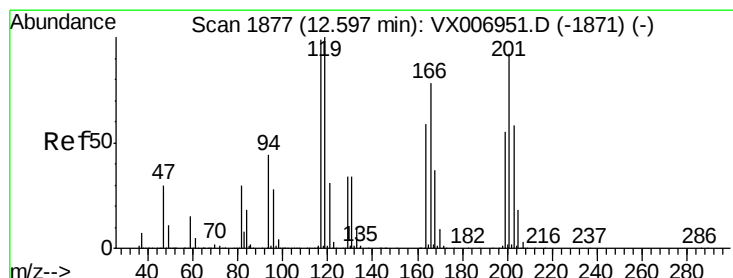
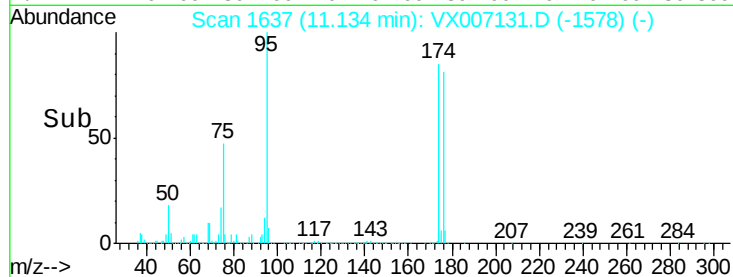
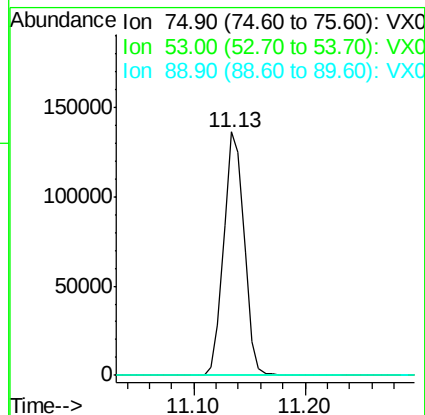
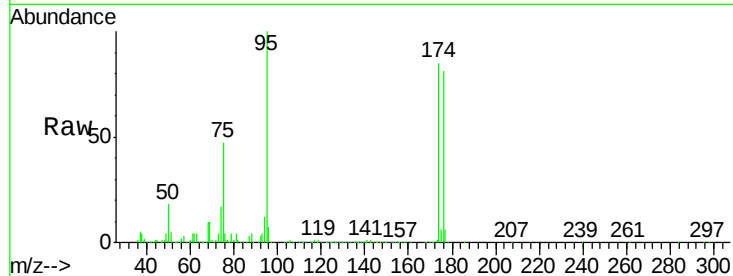
Tot Ion: 75 Resp: 173385

Ion Ratio Lower Upper

75 100

53 0.3 79.7 119.5#

89 0.2 38.0 57.0#



#90

Hexachloroethane

Concen: 2.939 ug/l

RT: 12.35 min Scan# 1837

Delta R.T. -0.24 min

Lab File: VX007131.D

Acq: 18 Jan 2019 13:36

Tgt Ion: 117 Resp: 128

Ion Ratio Lower Upper

117 100

201 61.7 42.9 128.7

