

Data File : VX013888.D
Acq On : 10 Dec 2019 11:02
Operator : JC/SP
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 02:20:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	586977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	896564	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	792903	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	348021	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	326192	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
35) Dibromofluoromethane	5.49	113	271758	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	8.71	98	1051179	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
62) 4-Bromofluorobenzene	11.13	95	353851	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	

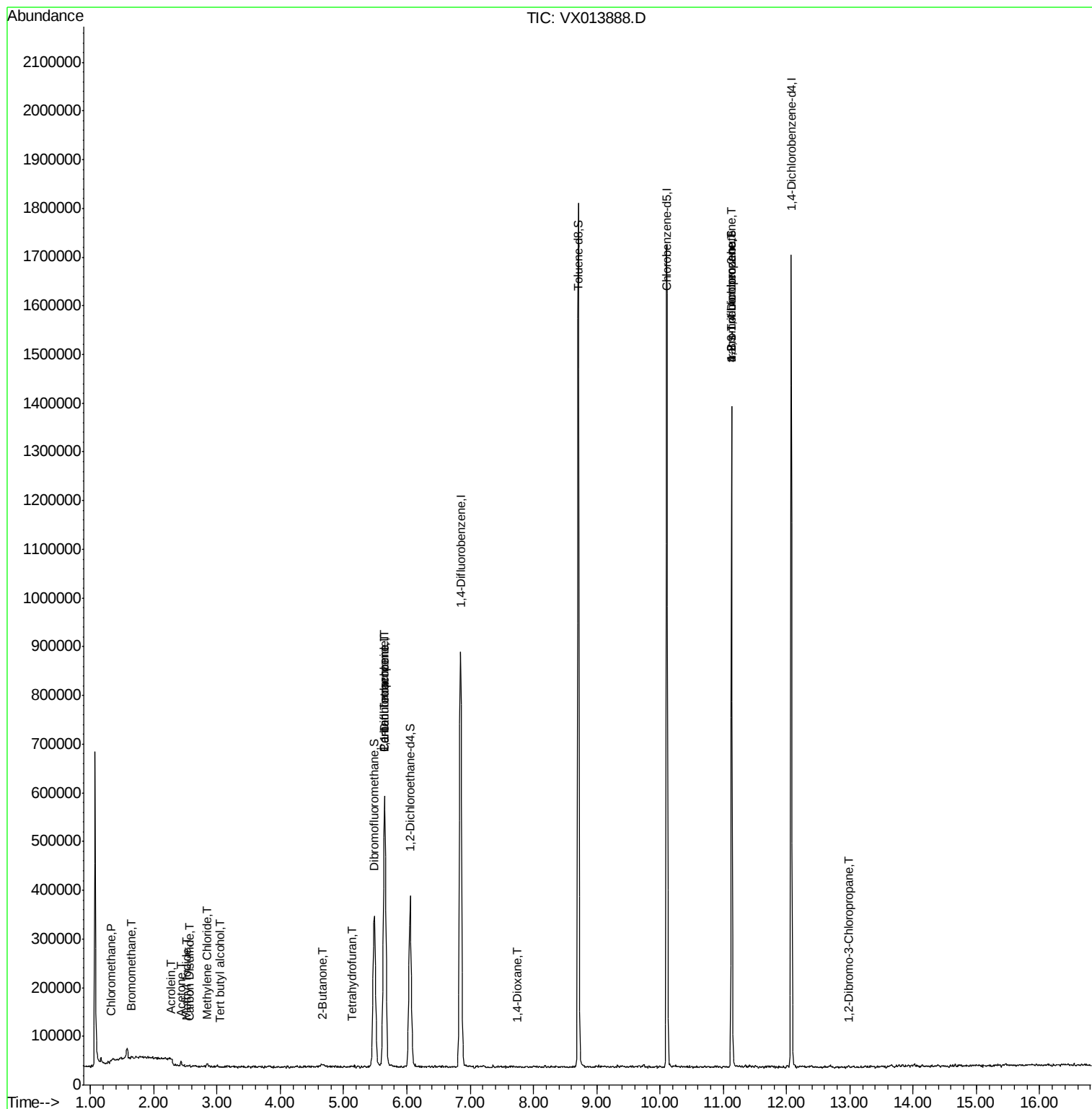
Target Compounds				Qvalue		
3) Chloromethane	1.32	50	1897	0.259	ug/l #	57
5) Bromomethane	1.65	94	2122	0.383	ug/l	98
10) Methyl Iodide	2.51	142	1521	0.225	ug/l #	71
11) Tert butyl alcohol	3.05	59	494	0.294	ug/l #	1
13) Acrolein	2.28	56	369	6.324	ug/l #	1
16) Acetone	2.43	43	9150	2.720	ug/l	90
17) Carbon Disulfide	2.56	76	3496	0.220	ug/l	96
20) Methylene Chloride	2.85	84	3044	0.471	ug/l #	85
25) 2-Butanone	4.67	43	3773	0.755	ug/l	92
29) Tetrahydrofuran	5.14	42	909	0.295	ug/l #	53
36) 1,1-Dichloropropene	5.64	75	39458	4.848	ug/l #	52
38) Carbon Tetrachloride	5.64	117	51138	6.814	ug/l #	16
49) 1,4-Dioxane	7.75	88	185	1.132	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	173174	22.123	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	173174	60.526	ug/l #	11
92) 1,2-Dibromo-3-Chloropropan	12.99	75	373	0.202	ug/l #	23

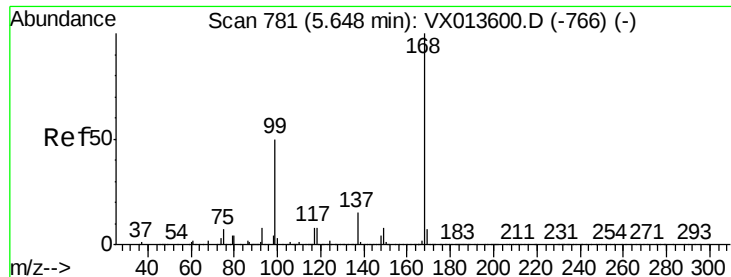
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX013888.D
Acq On : 10 Dec 2019 11:02
Operator : JC/SP
Sample : VX1210WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Quant Time: Dec 11 02:20:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

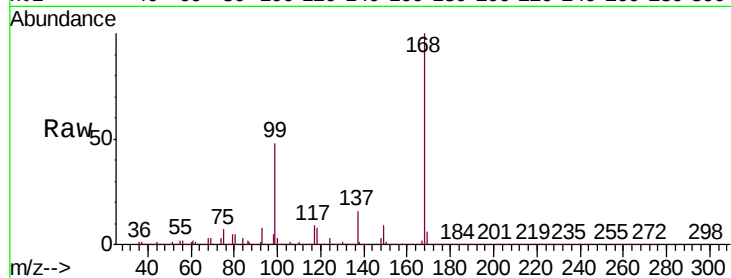
VX1210WBL01

Tgt Ion:168 Resp: 586977

Ion Ratio Lower Upper

168 100

99 48.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

150000

100000

50000

0

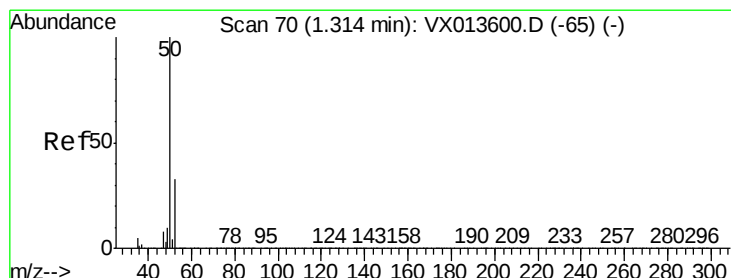
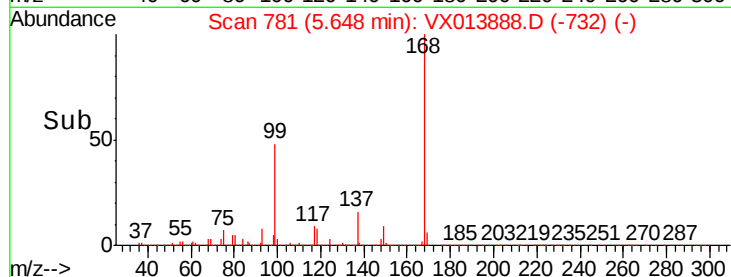
Time-->

5.50

5.60

5.70

5.80



#3

Chloromethane

Concen: 0.259 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013888.D

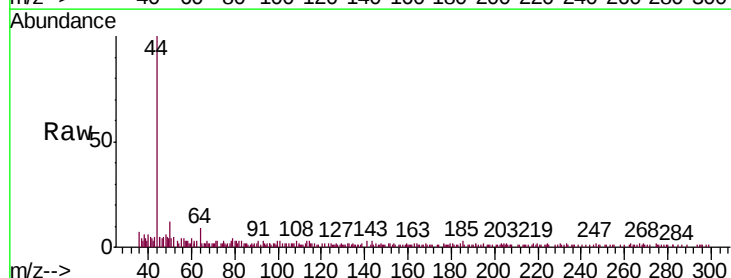
Acq: 10 Dec 2019 11:02

Tgt Ion: 50 Resp: 1897

Ion Ratio Lower Upper

50 100

52 8.4 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

1000

800

600

400

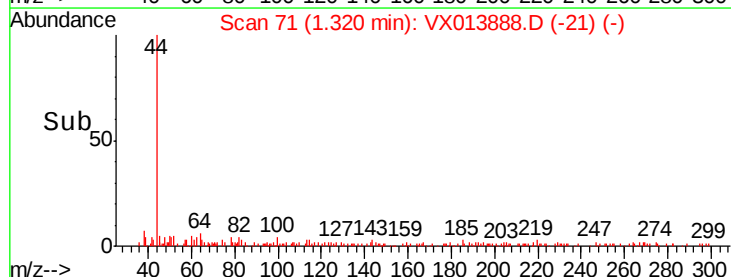
200

0

Time-->

1.30

1.35





#5

Bromomethane

Concen: 0.383 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

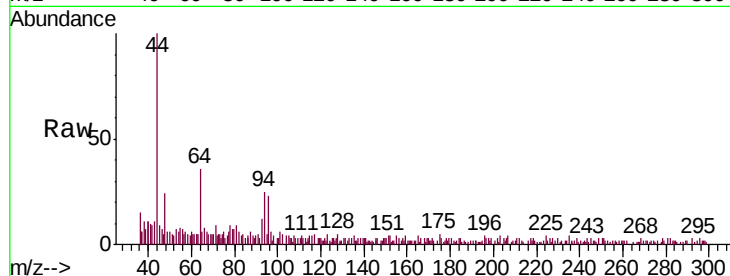
VX1210WBL01

Tgt Ion: 94 Resp: 2122

Ion Ratio Lower Upper

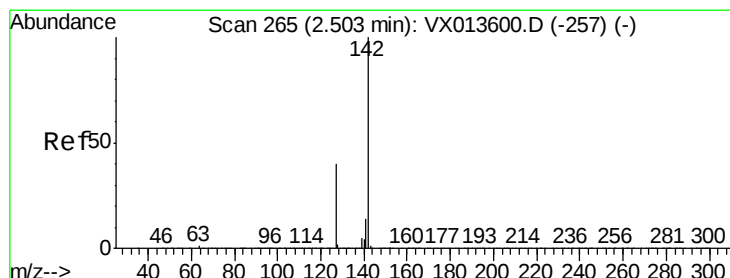
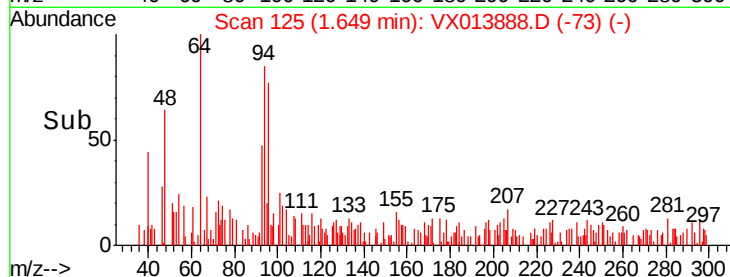
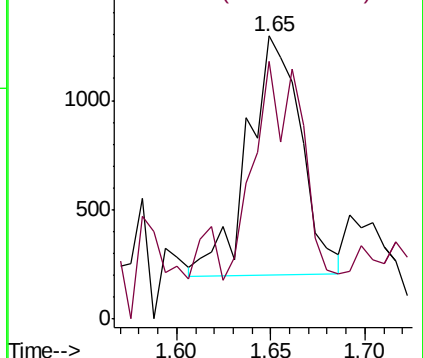
94 100

96 94.0 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VX013600.D (-114) (-)

Ion 95.90 (95.60 to 96.60): VX013600.D (-114) (-)



#10

Methyl Iodide

Concen: 0.225 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

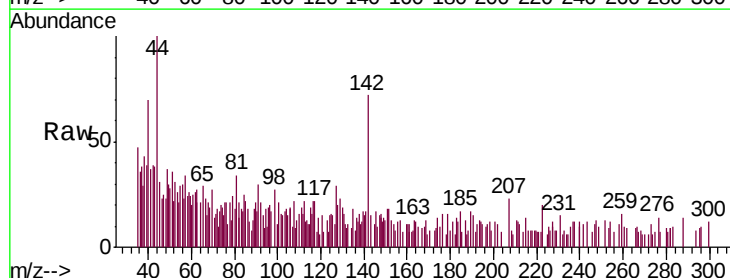
Tgt Ion: 142 Resp: 1521

Ion Ratio Lower Upper

142 100

127 17.4 31.0 46.4#

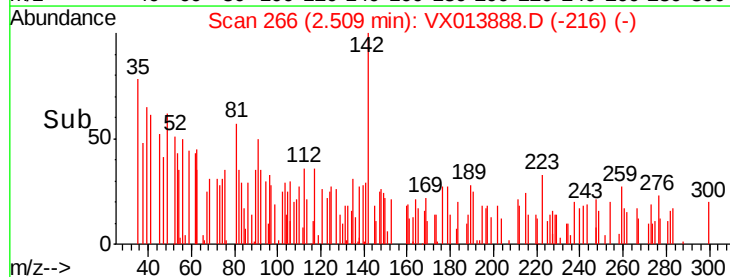
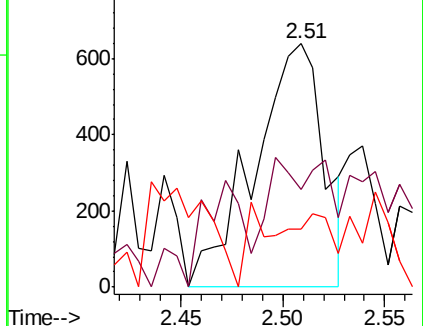
141 8.9 11.6 17.4#

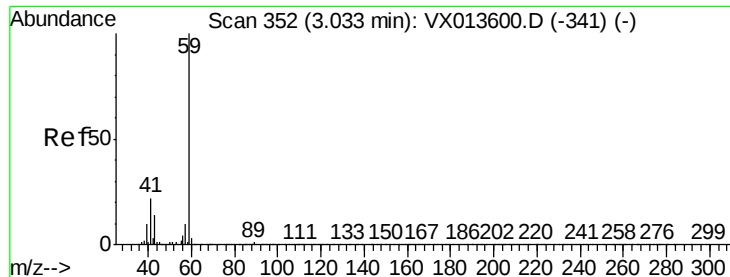


Abundance Ion 141.80 (141.50 to 142.50): VX013600.D (-257) (-)

Ion 126.80 (126.50 to 127.50): VX013600.D (-257) (-)

Ion 140.80 (140.50 to 141.50): VX013600.D (-257) (-)



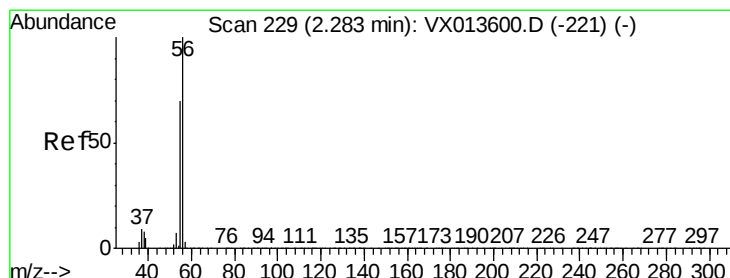
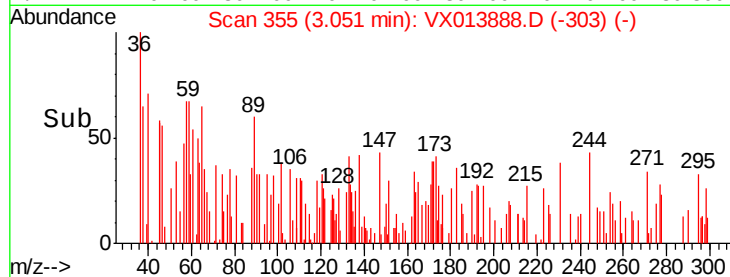
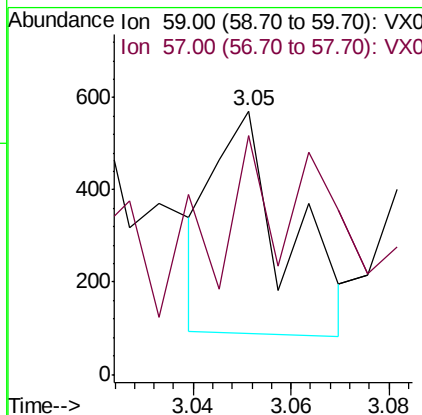
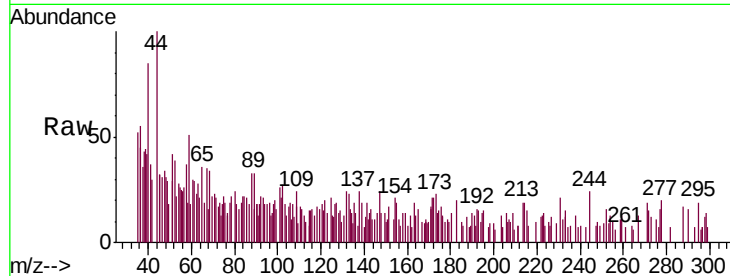


#11

Tert butyl alcohol
 Concen: 0.294 ug/l
 RT: 3.05 min Scan# 355
 Delta R.T. 0.02 min
 Lab File: VX013888.D
 Acq: 10 Dec 2019 11:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1210WBL01

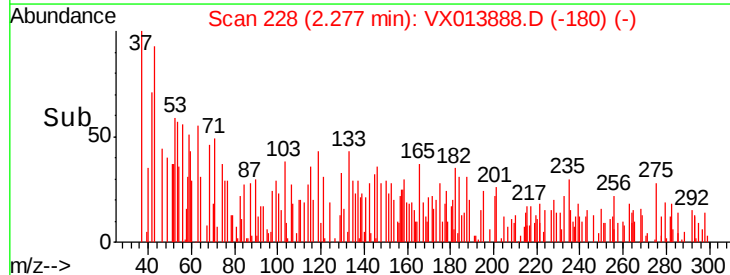
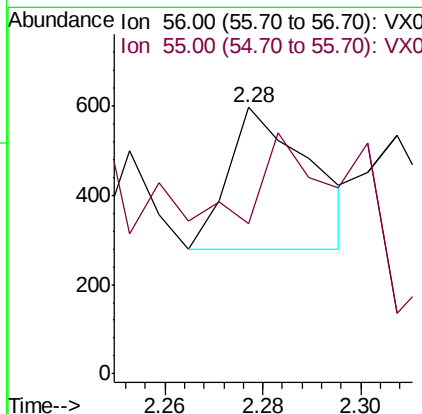
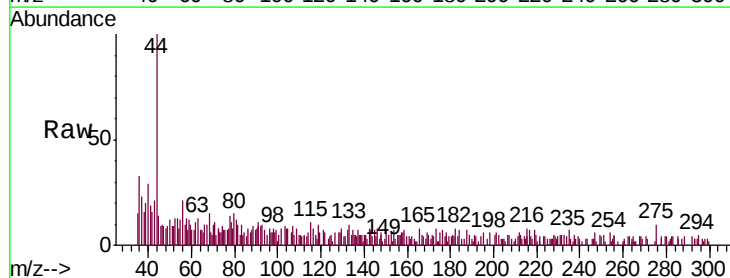
Tgt Ion: 59 Resp: 494
 Ion Ratio Lower Upper
 59 100
 57 61.5 7.8 11.6#

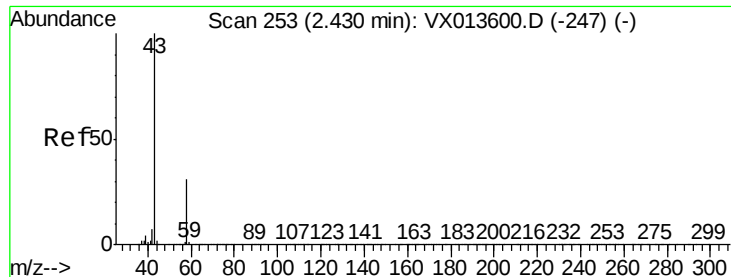


#13

Acrolein
 Concen: 6.324 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.01 min
 Lab File: VX013888.D
 Acq: 10 Dec 2019 11:02

Tgt Ion: 56 Resp: 369
 Ion Ratio Lower Upper
 56 100
 55 223.6 56.2 84.4#





#16

Acetone

Concen: 2.720 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

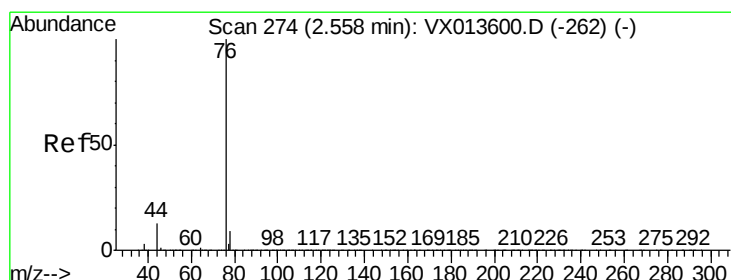
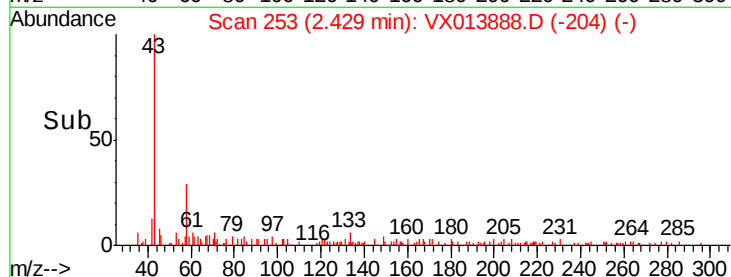
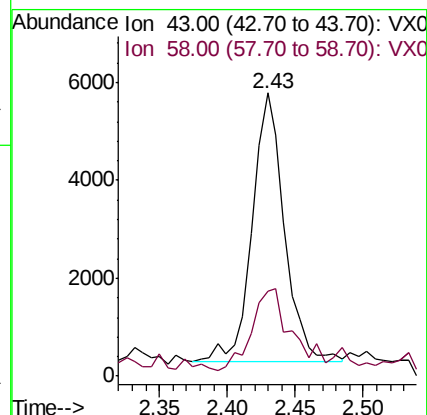
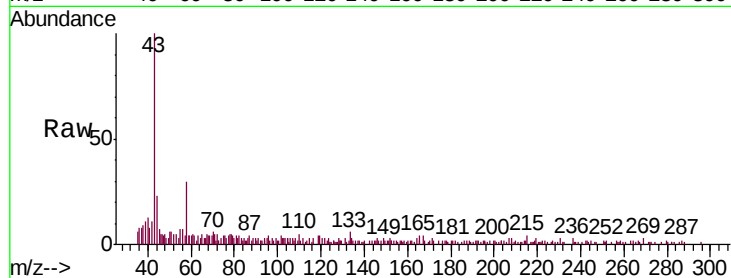
VX1210WBL01

Tgt Ion: 43 Resp: 9150

Ion Ratio Lower Upper

43 100

58 25.4 24.6 36.8



#17

Carbon Disulfide

Concen: 0.220 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013888.D

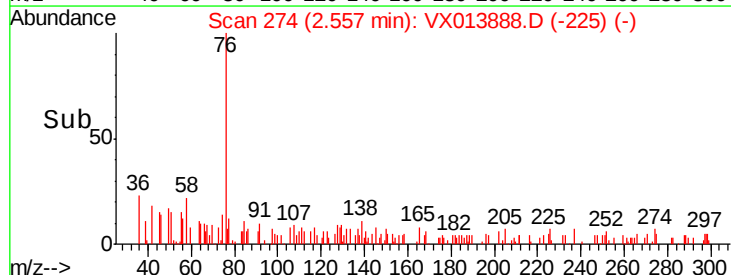
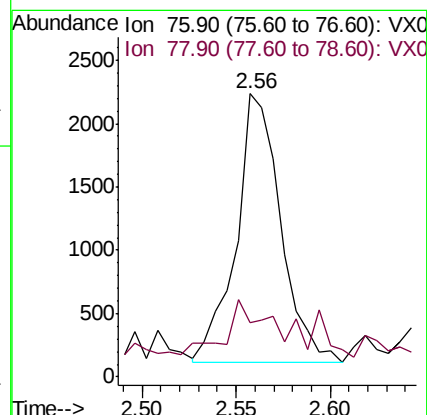
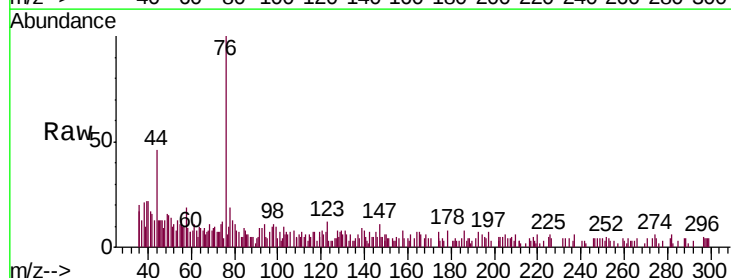
Acq: 10 Dec 2019 11:02

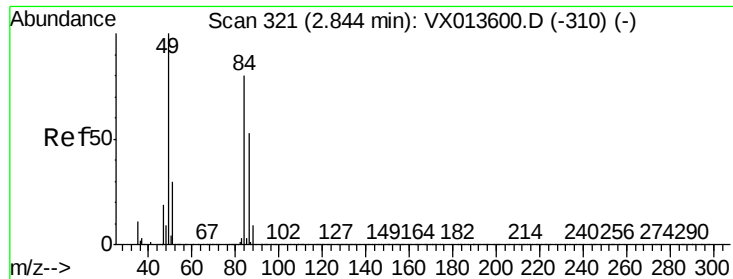
Tgt Ion: 76 Resp: 3496

Ion Ratio Lower Upper

76 100

78 10.3 7.2 10.8

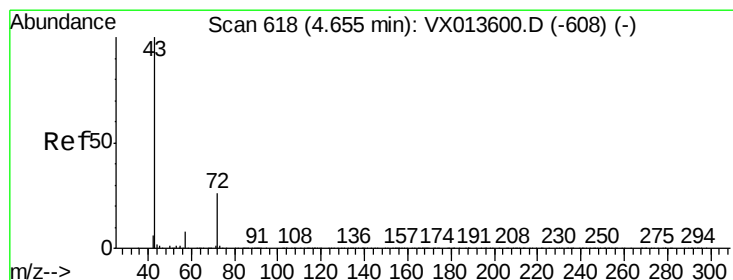
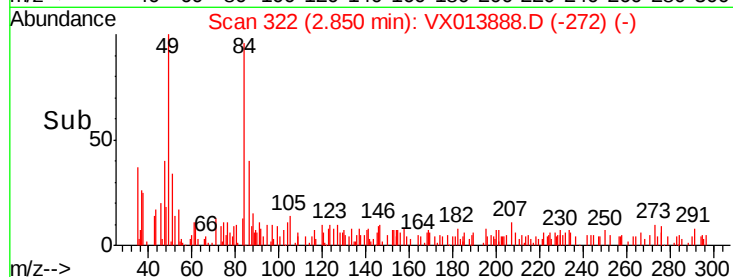
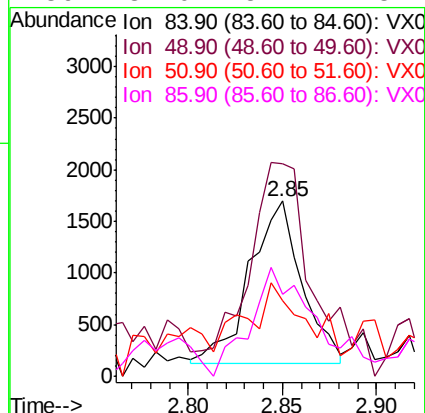
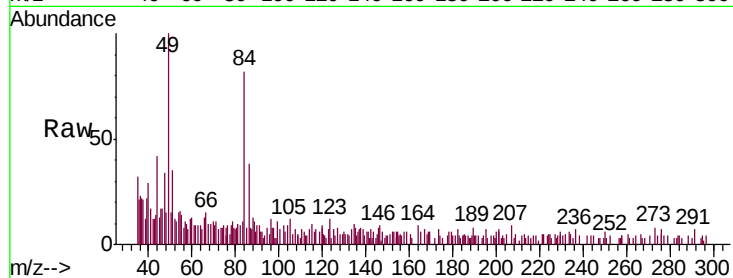




#20
Methylene Chloride
Concen: 0.471 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

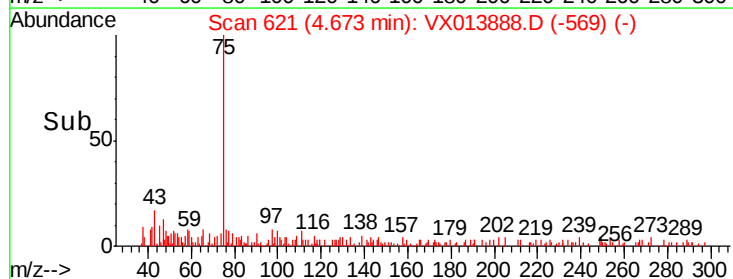
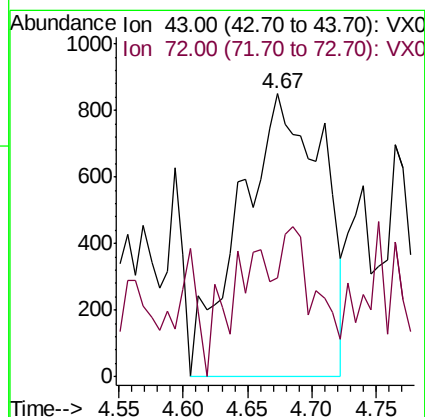
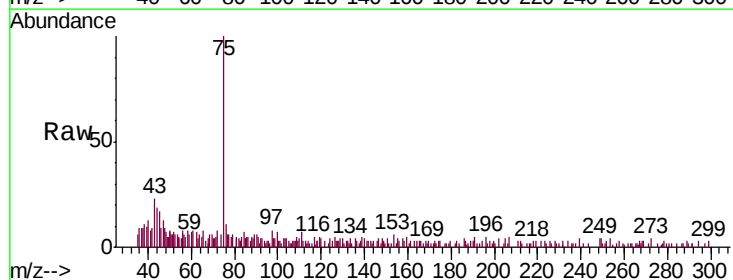
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

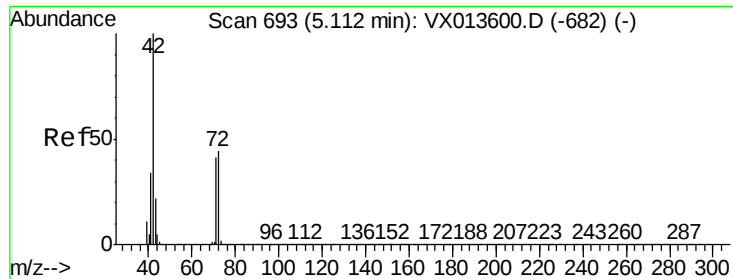
Tgt Ion: 84 Resp: 3044
Ion Ratio Lower Upper
84 100
49 118.5 99.7 149.5
51 34.4 29.9 44.9
86 34.0 52.2 78.4#



#25
2-Butanone
Concen: 0.755 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Tgt Ion: 43 Resp: 3773
Ion Ratio Lower Upper
43 100
72 21.6 20.6 31.0

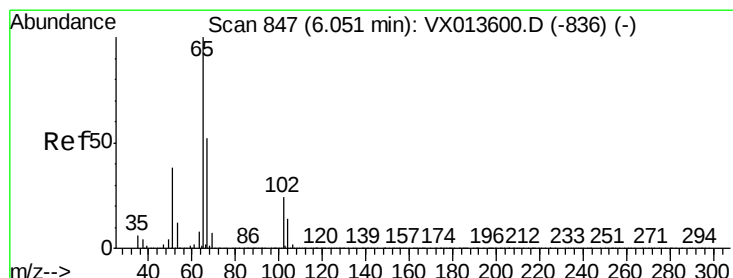
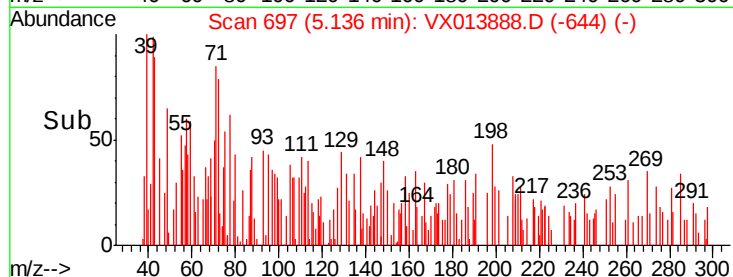
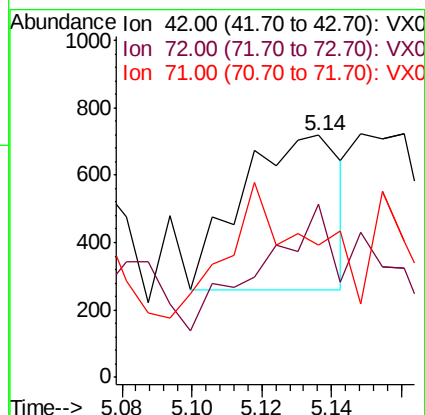
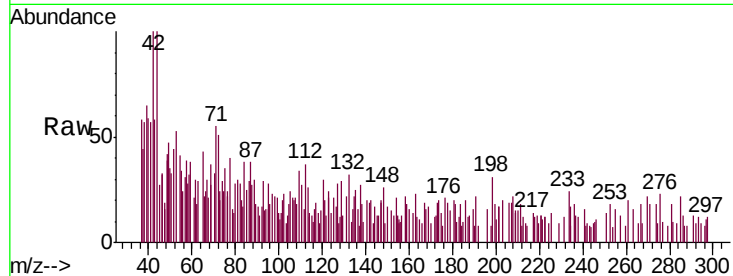




#29
Tetrahydrofuran
Concen: 0.295 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

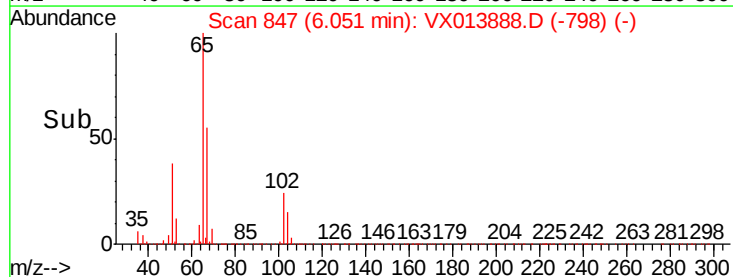
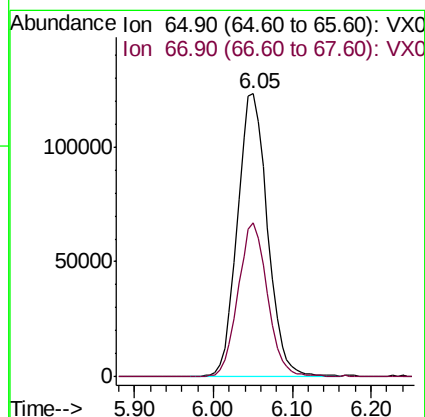
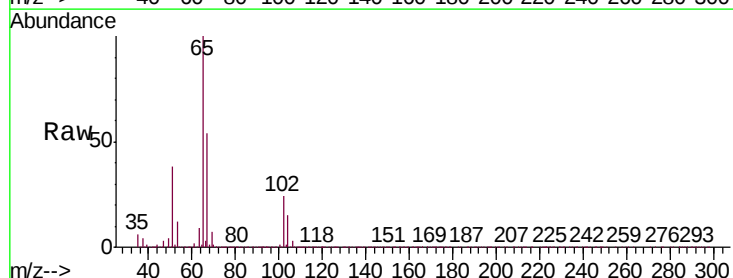
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

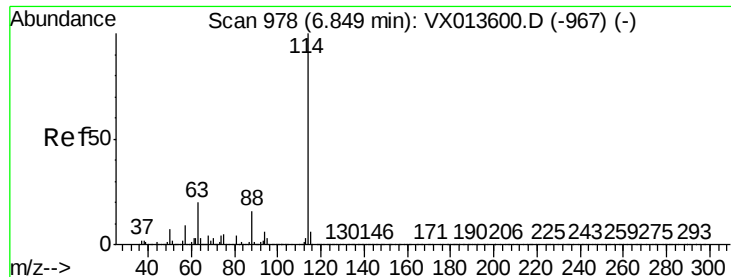
Tgt Ion: 42 Resp: 909
Ion Ratio Lower Upper
42 100
72 86.6 36.3 54.5#
71 23.2 33.2 49.8#



#33
1,2-Dichloroethane-d4
Concen: 47.875 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Tgt Ion: 65 Resp: 326192
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

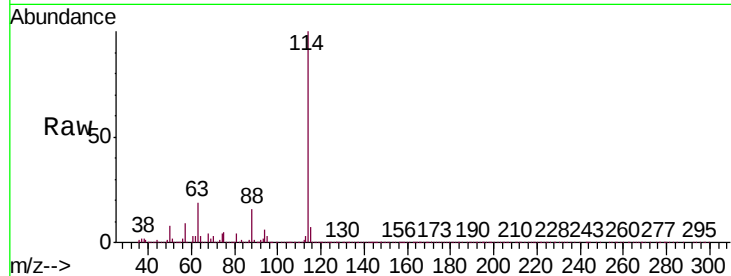
Tgt Ion:114 Resp: 896564

Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

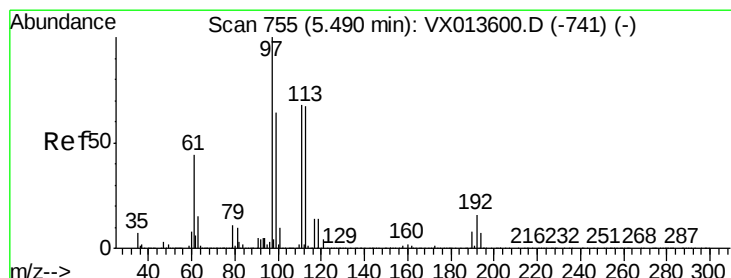
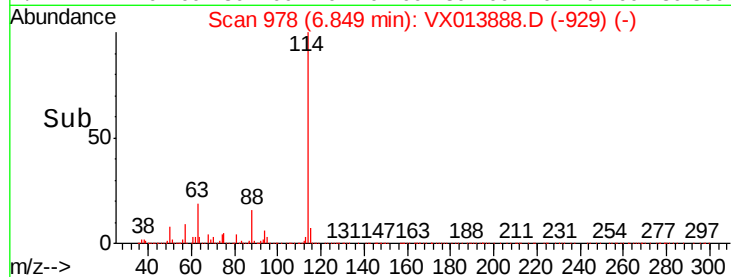
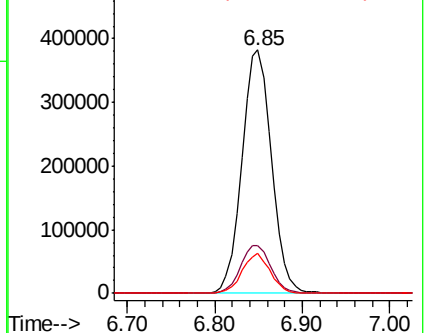
88 16.1 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.030 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

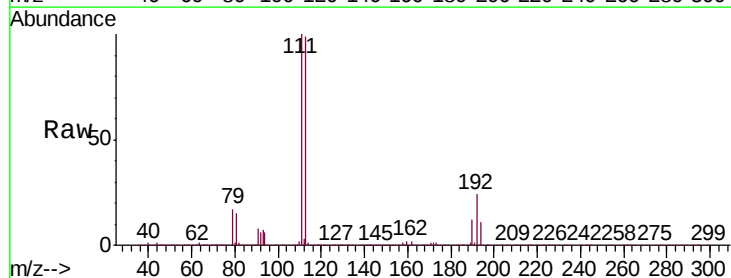
Tgt Ion:113 Resp: 271758

Ion Ratio Lower Upper

113 100

111 101.4 83.6 125.4

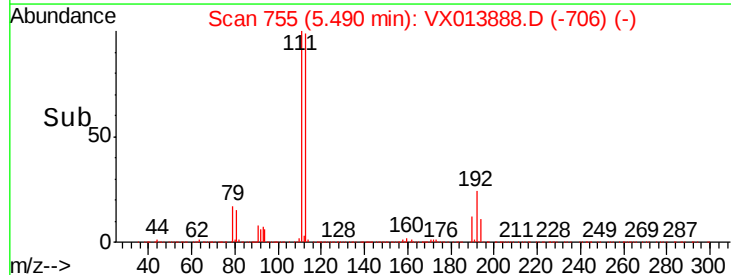
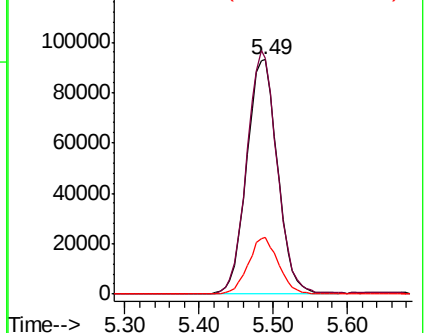
192 23.7 19.2 28.8

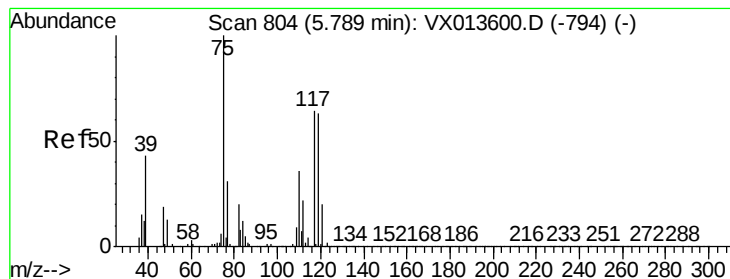


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.848 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.15 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

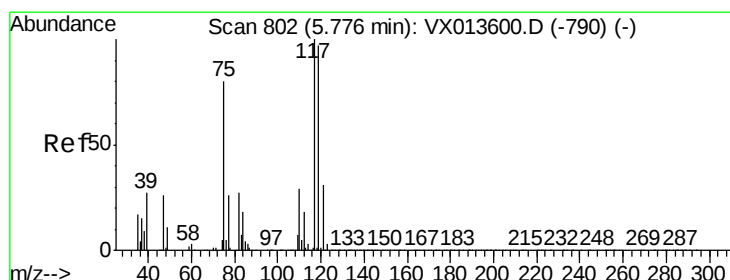
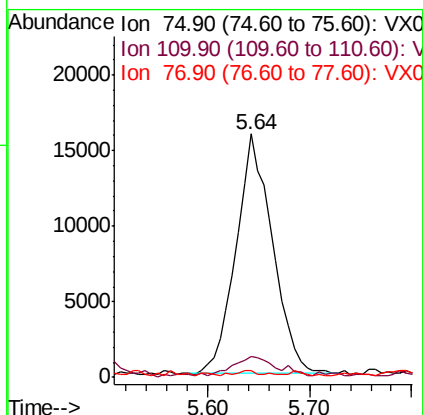
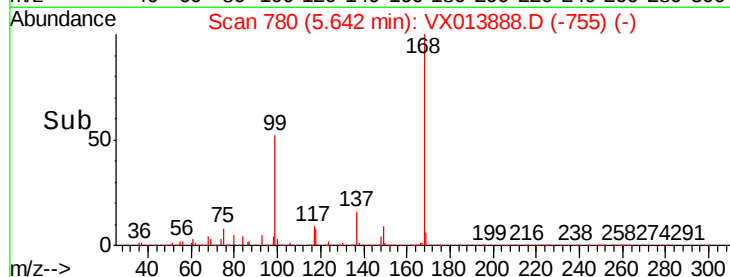
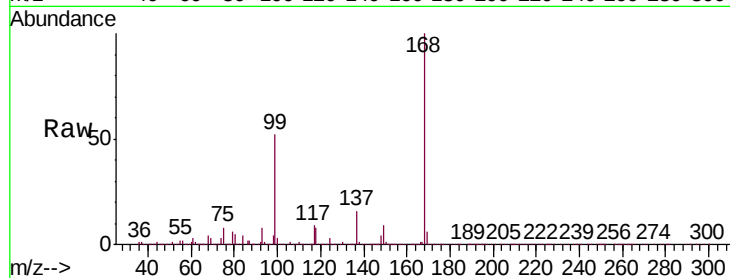
Tgt Ion: 75 Resp: 39458

Ion Ratio Lower Upper

75 100

110 10.7 18.1 54.1#

77 1.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.814 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

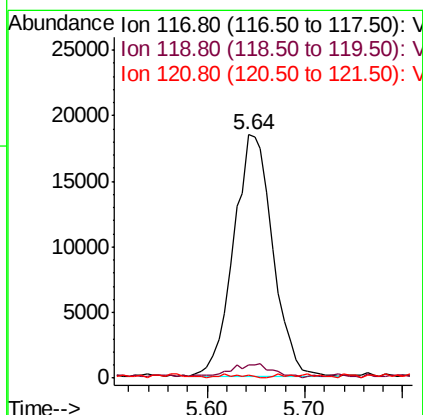
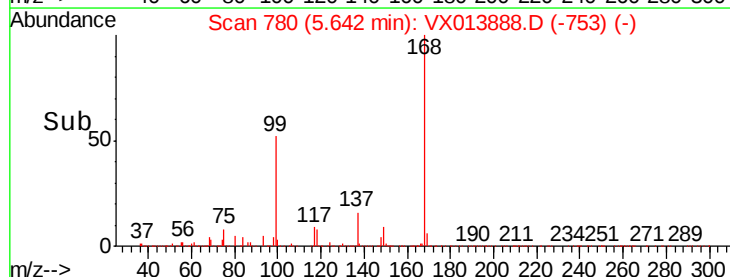
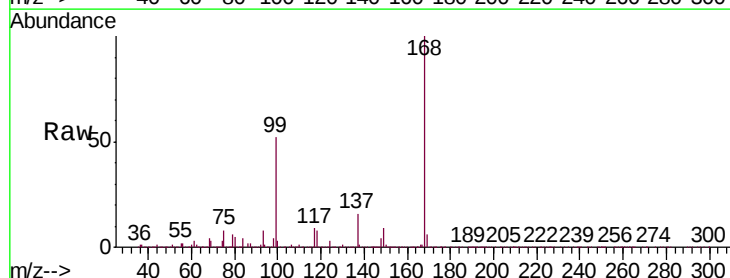
Tgt Ion: 117 Resp: 51138

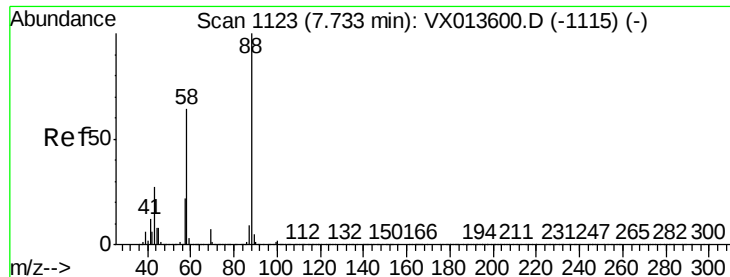
Ion Ratio Lower Upper

117 100

119 4.4 77.5 116.3#

121 1.4 25.0 37.6#

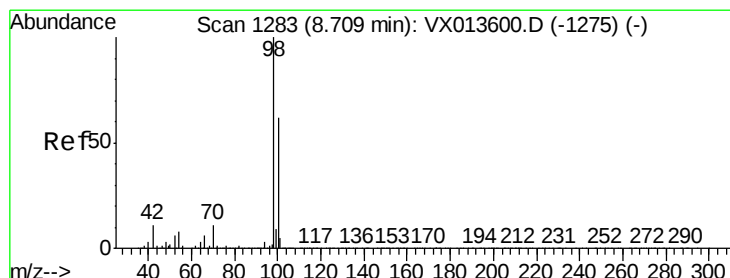
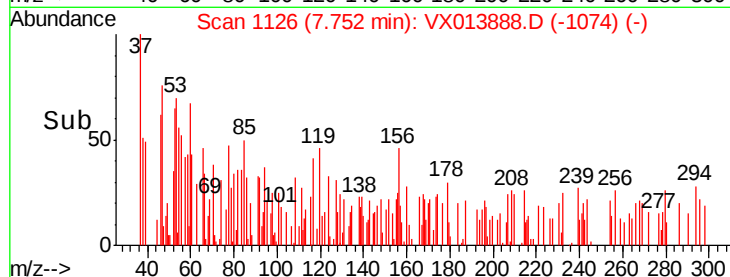
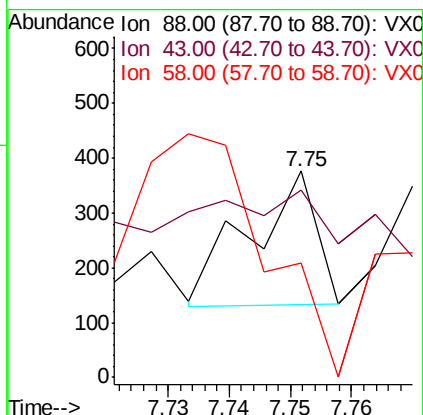
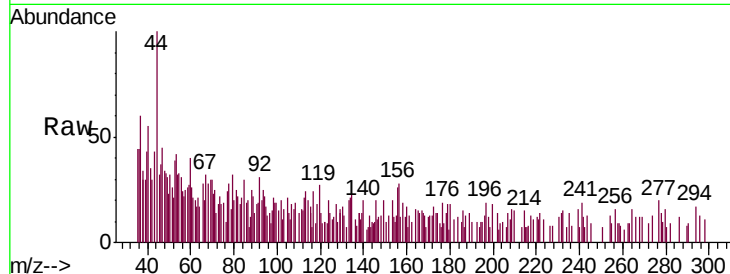




#49
1,4-Dioxane
Concen: 1.132 ug/l
RT: 7.75 min Scan# 1126
Delta R.T. 0.02 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

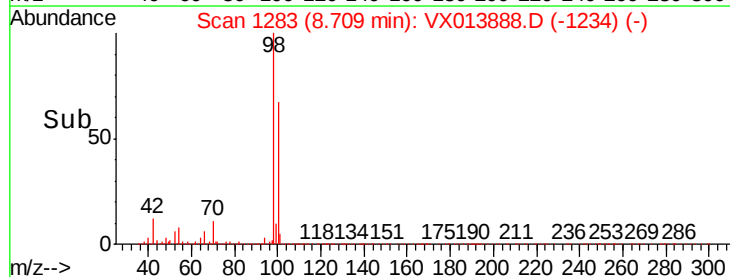
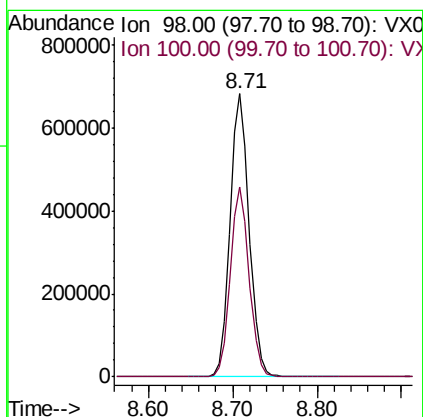
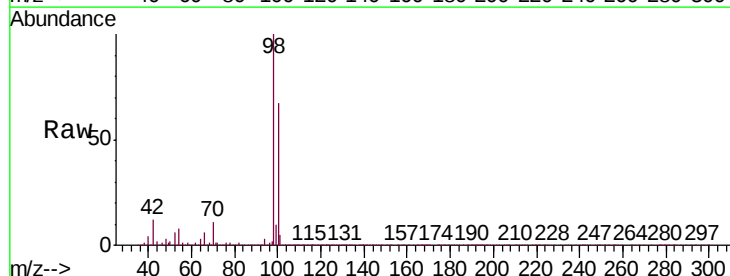
Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

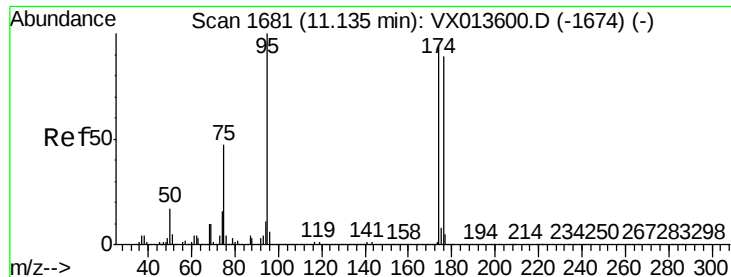
Tgt Ion: 88 Resp: 185
Ion Ratio Lower Upper
88 100
43 0.0 25.8 38.6#
58 328.6 54.6 82.0#



#50
Toluene-d8
Concen: 48.677 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Tgt Ion: 98 Resp: 1051179
Ion Ratio Lower Upper
98 100
100 66.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.440 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

Instrument :

MSVOA_X

ClientSampleId :

VX1210WBL01

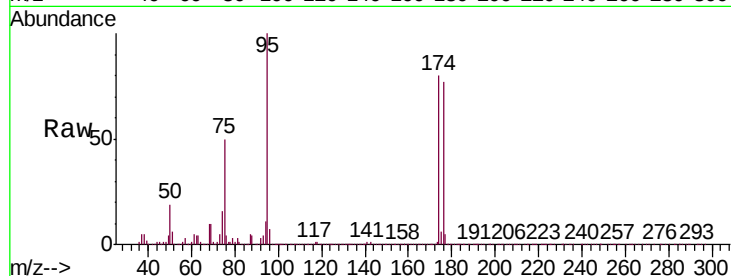
Tgt Ion: 95 Resp: 353851

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.0

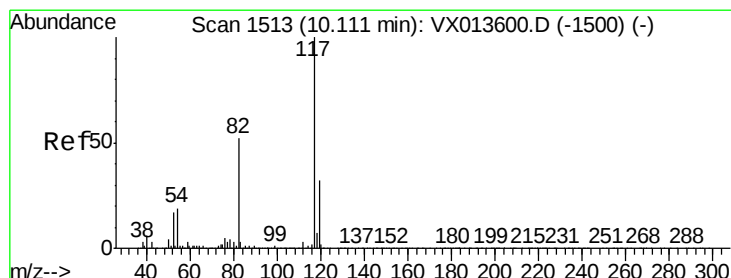
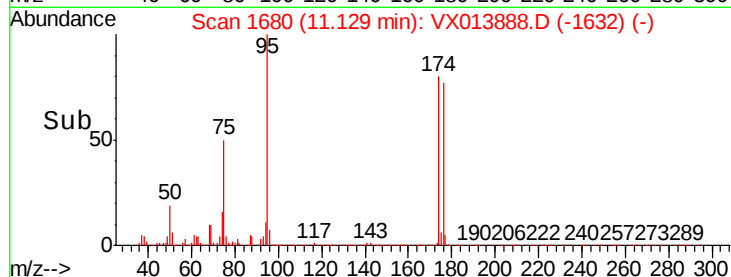
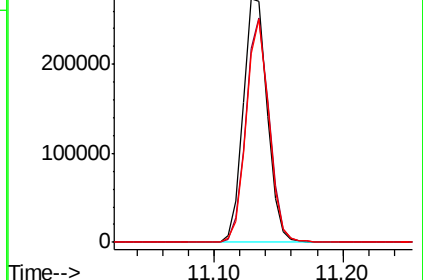
176 86.0 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX013888.D

Acq: 10 Dec 2019 11:02

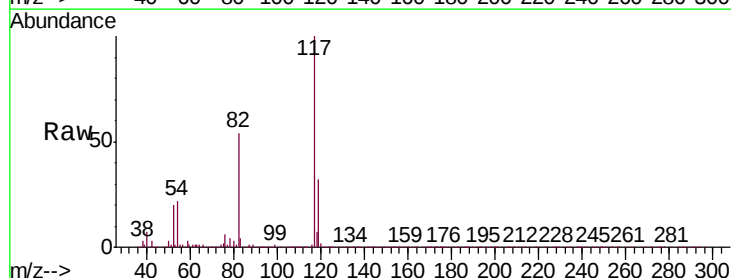
Tgt Ion: 117 Resp: 792903

Ion Ratio Lower Upper

117 100

82 54.4 41.8 62.8

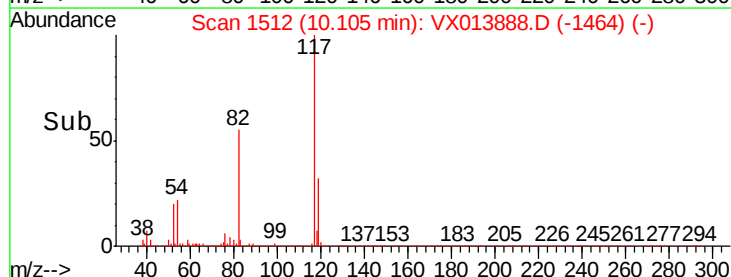
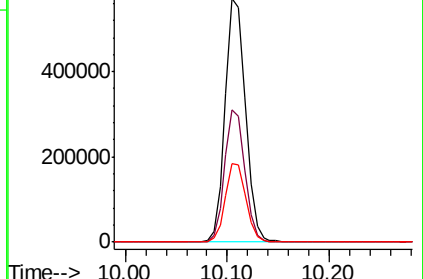
119 32.3 25.8 38.8

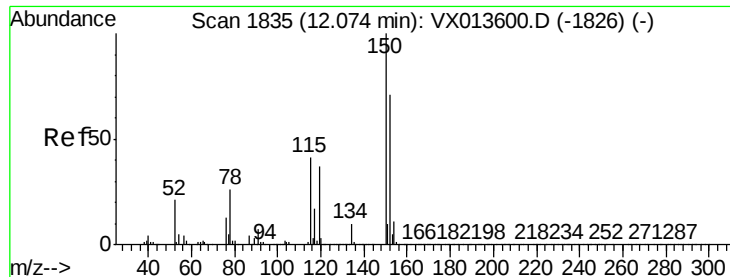


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)



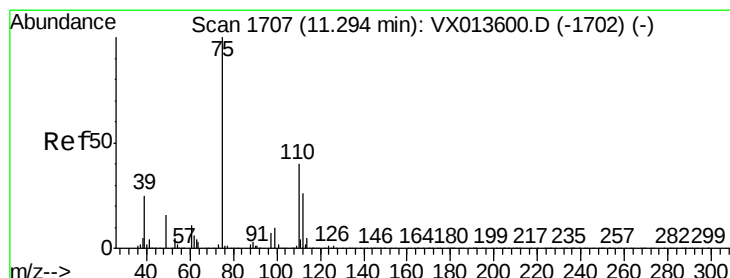
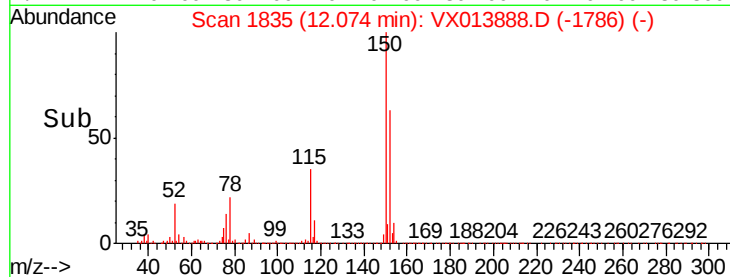
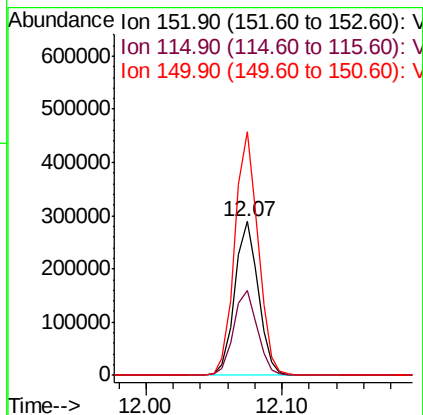
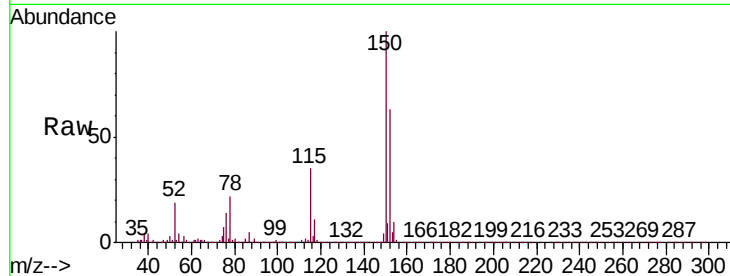


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

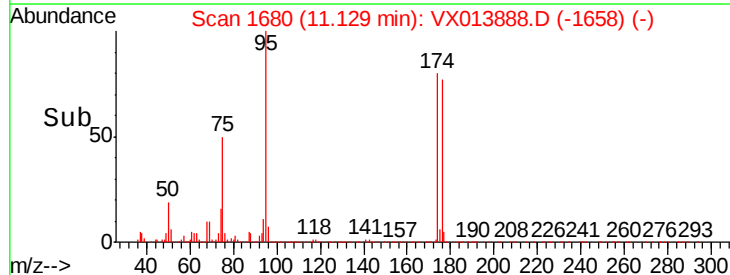
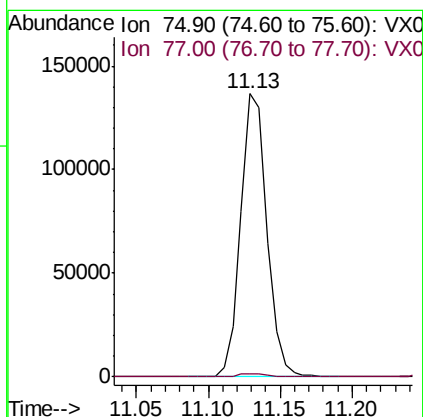
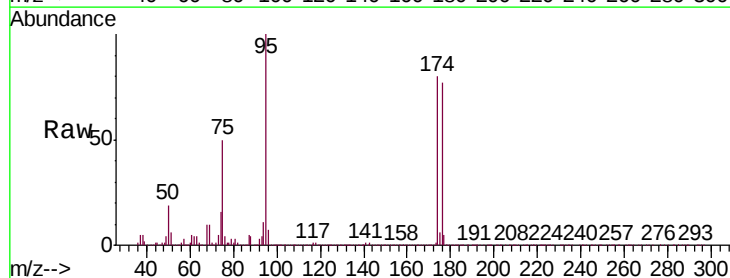
Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.8	38.4	115.1
150	156.8	0.0	346.8

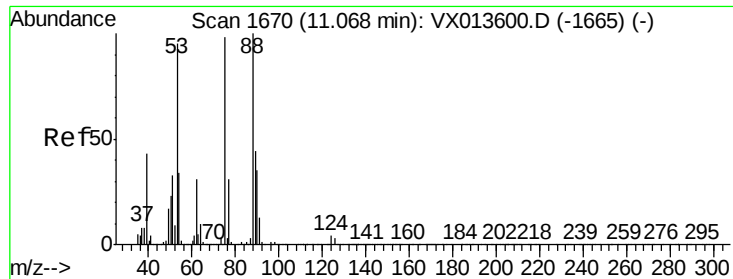


#76

1,2,3-Trichloropropane
Concen: 22.123 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	19.1	57.5#

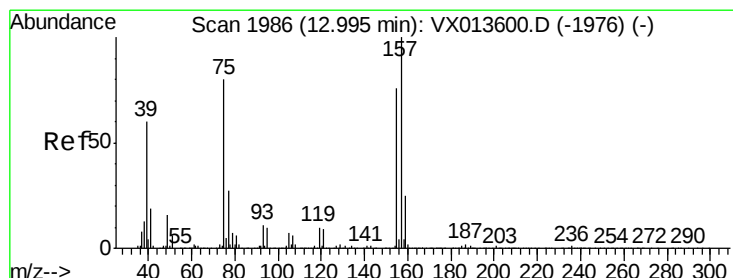
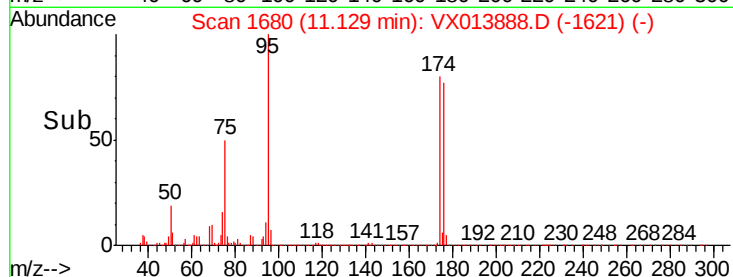
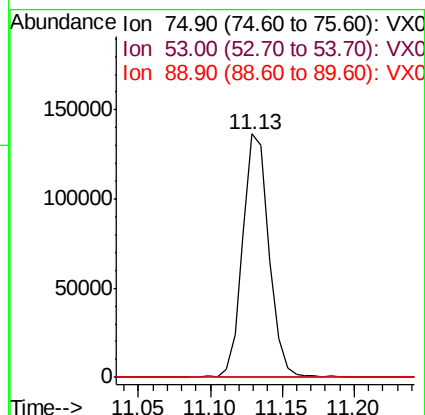
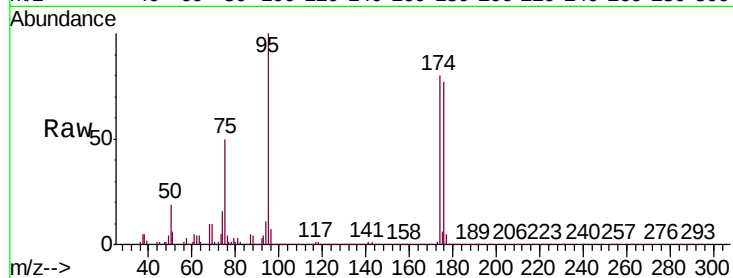




#81
trans-1,4-Dichloro-2-butene
Concen: 60.526 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.06 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Instrument :
MSVOA_X
ClientSampleId :
VX1210WBL01

Tgt Ion: 75 Resp: 173174
Ion Ratio Lower Upper
75 100
53 0.5 78.2 117.2#
89 0.1 35.4 53.2#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.202 ug/l
RT: 12.99 min Scan# 1986
Delta R.T. -0.00 min
Lab File: VX013888.D
Acq: 10 Dec 2019 11:02

Tgt Ion: 75 Resp: 373
Ion Ratio Lower Upper
75 100
155 60.9 47.6 142.8
157 0.0 62.1 186.2#

