

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
 Data File : VX014538.D
 Acq On : 10 Jan 2020 15:35
 Operator : JC/SP
 Sample : L1092-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 10 16:41:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	490970	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	759651	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	680343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306473	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	274110	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
35) Dibromofluoromethane	5.49	113	225841	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.71	98	899004	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.14	95	305189	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	

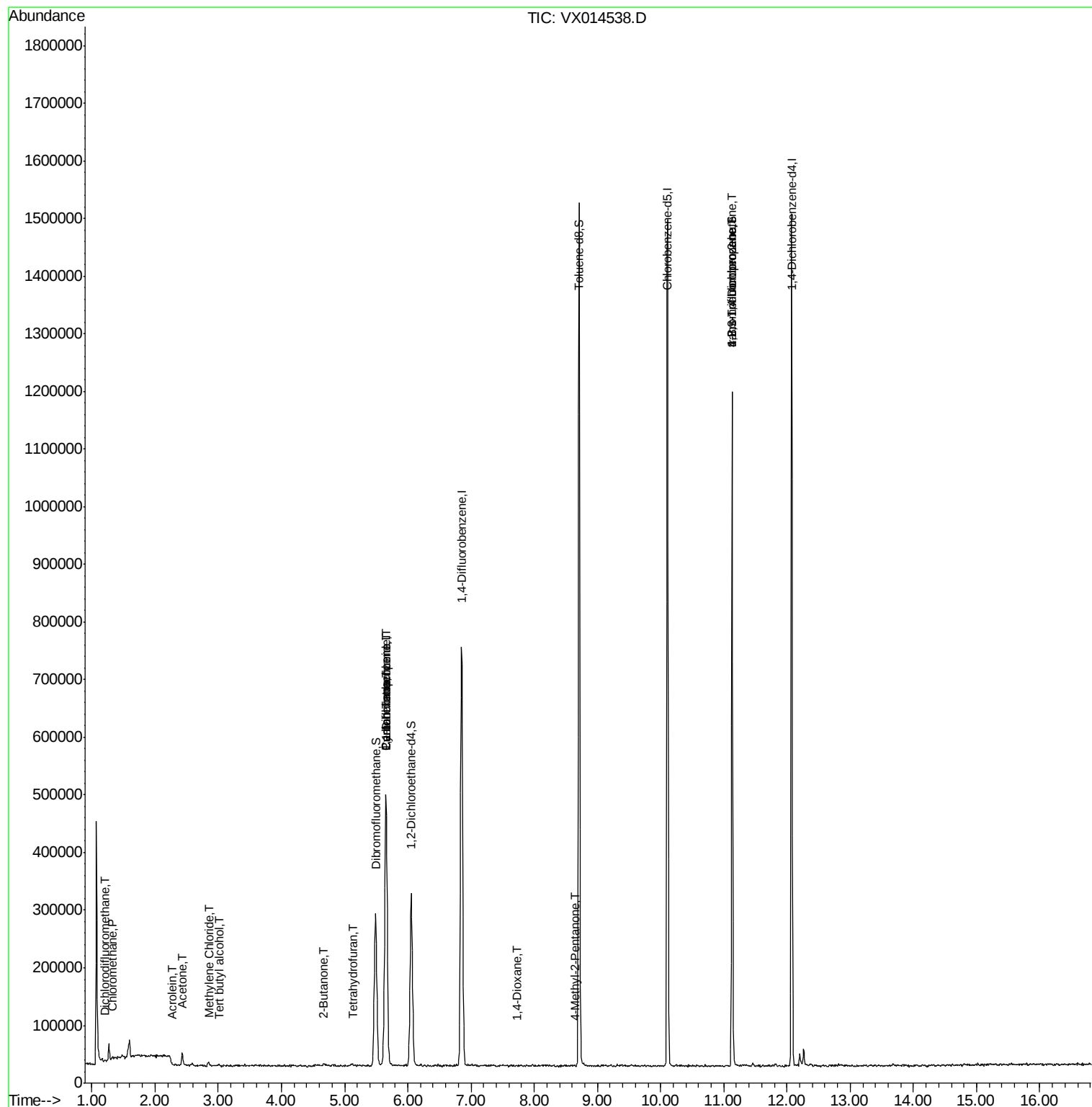
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	217	0.288	ug/l #	42
3) Chloromethane	1.32	50	1658	0.265	ug/l #	62
6) Chloroethane	1.66	64	660	Below Cal	#	43
11) Tert butyl alcohol	3.02	59	1097	0.959	ug/l #	65
13) Acrolein	2.28	56	345	0.376	ug/l #	65
16) Acetone	2.43	43	23509	4.450	ug/l	93
20) Methylene Chloride	2.86	84	3366	0.610	ug/l #	69
25) 2-Butanone	4.67	43	4133	1.010	ug/l #	65
29) Tetrahydrofuran	5.14	42	2130	0.880	ug/l #	73
31) Cyclohexane	5.65	56	8625	1.030	ug/l #	1
36) 1,1-Dichloropropene	5.65	75	32726	4.581	ug/l #	49
38) Carbon Tetrachloride	5.65	117	41630	6.333	ug/l #	17
49) 1,4-Dioxane	7.73	88	174	1.368	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	1597	0.209	ug/l	89
76) 1,2,3-Trichloropropane	11.13	75	147108	23.200	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	147108	61.335	ug/l #	12
88) 1,4-Dichlorobenzene	12.23	146	336	Below Cal		77
93) 1,2,4-Trichlorobenzene	13.53	180	166	Below Cal		97
96) 1,2,3-Trichlorobenzene	13.85	180	251	Below Cal		81

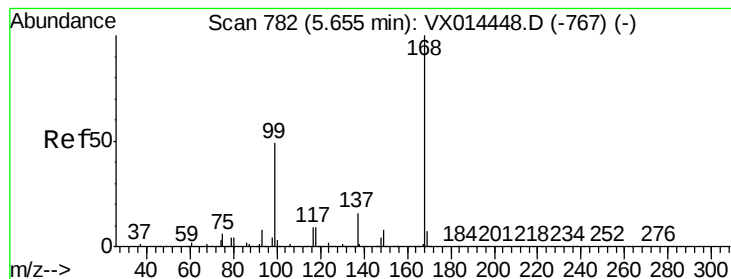
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX011020\
Data File : VX014538.D
Acq On : 10 Jan 2020 15:35
Operator : JC/SP
Sample : L1092-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

Quant Time: Jan 10 16:41:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 07 15:54:41 2020
Response via : Initial Calibration



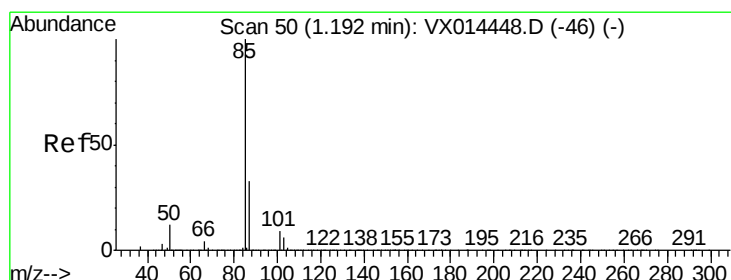
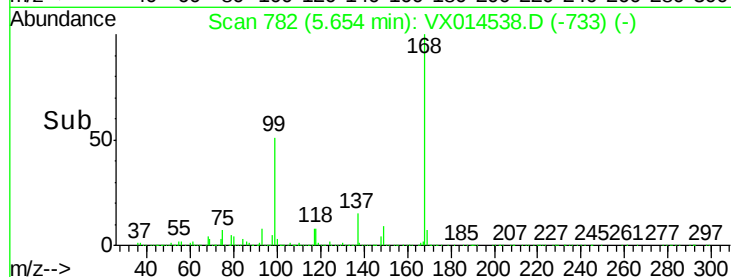
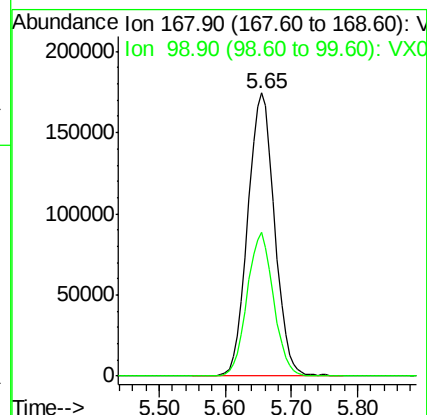
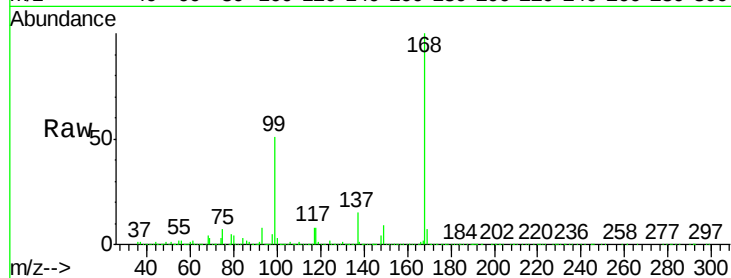


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: VX014538.D
 Acq: 10 Jan 2020 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

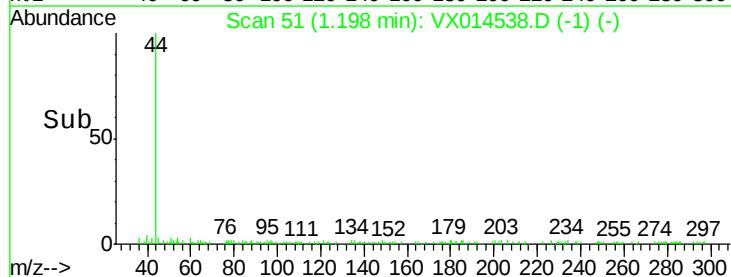
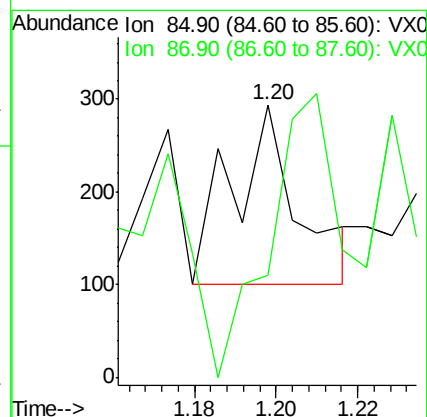
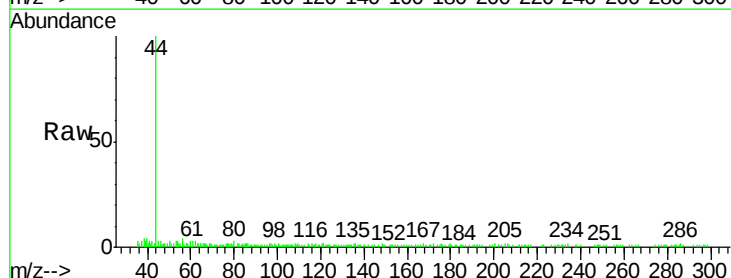
Tgt Ion: 168 Resp: 490970
 Ion Ratio Lower Upper
 168 100
 99 50.6 39.2 58.8

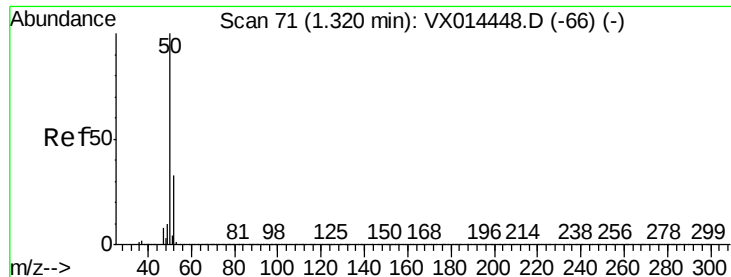


#2

Dichlorodifluoromethane
 Concen: 0.288 ug/l
 RT: 1.20 min Scan# 51
 Delta R.T. 0.01 min
 Lab File: VX014538.D
 Acq: 10 Jan 2020 15:35

Tgt Ion: 85 Resp: 217
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.5 49.5#





#3

Chloromethane

Concen: 0.265 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

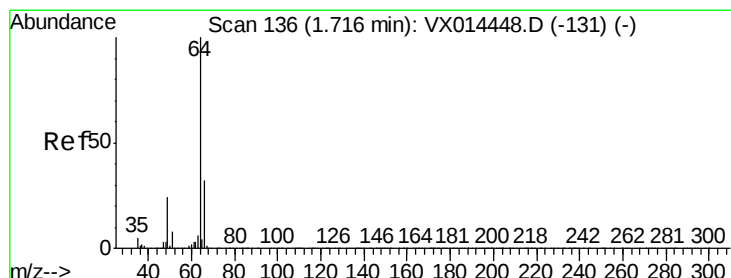
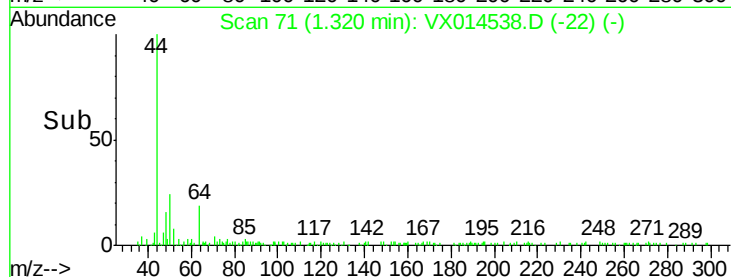
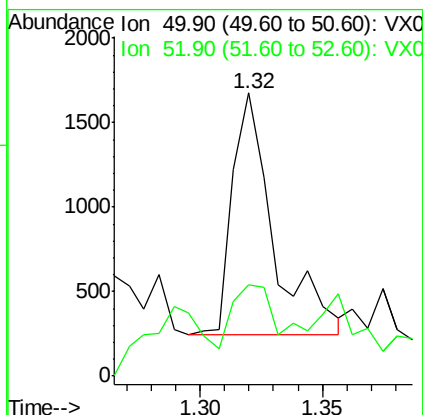
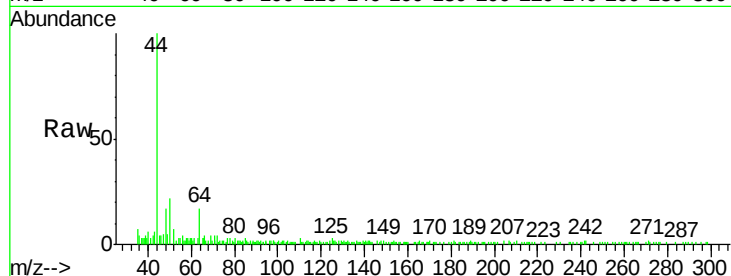
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 50 Resp: 1658

Ion Ratio Lower Upper

50 100

52 11.5 26.1 39.1#



#6

Chloroethane

Concen: Below Cal

RT: 1.66 min Scan# 126

Delta R.T. -0.06 min

Lab File: VX014538.D

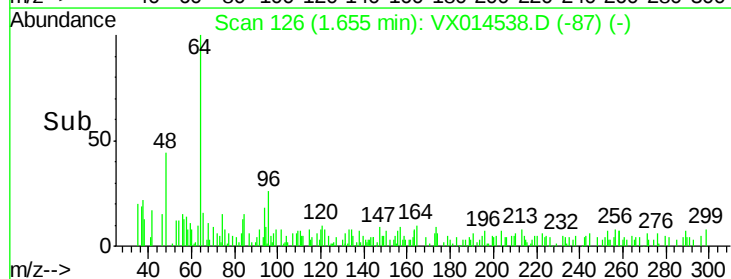
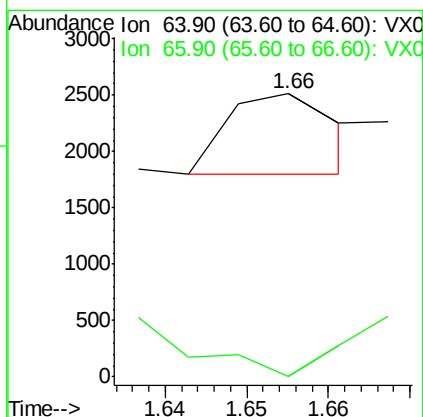
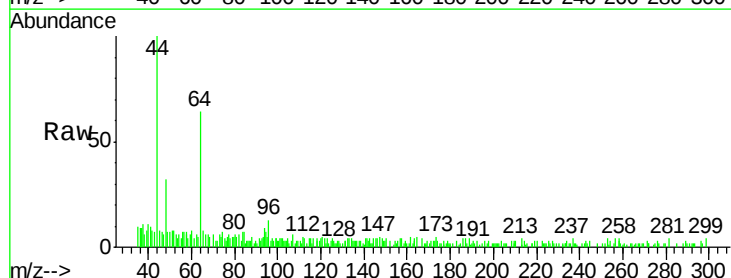
Acq: 10 Jan 2020 15:35

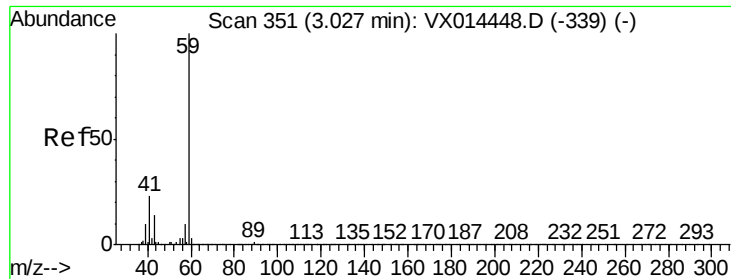
Tgt Ion: 64 Resp: 660

Ion Ratio Lower Upper

64 100

66 0.0 25.3 37.9#



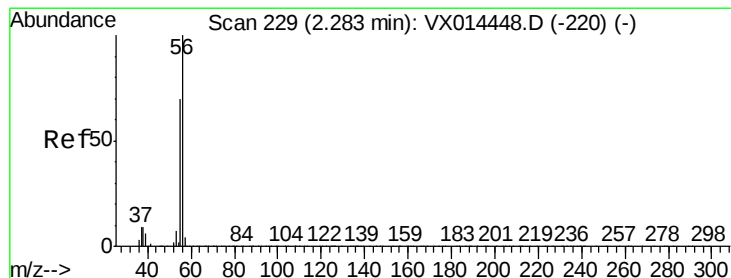
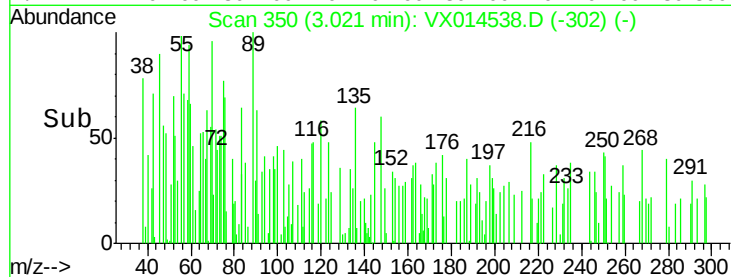
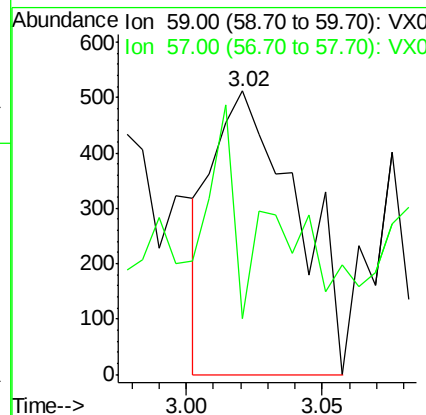
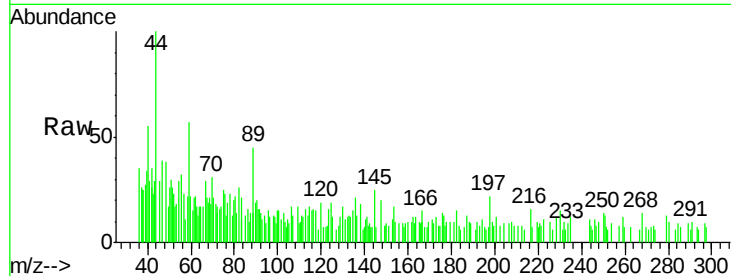


#11

Tert butyl alcohol
 Concen: 0.959 ug/l
 RT: 3.02 min Scan# 350
 Delta R.T. -0.01 min
 Lab File: VX014538.D
 Acq: 10 Jan 2020 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

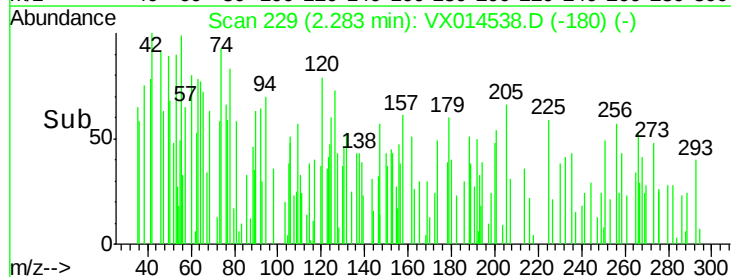
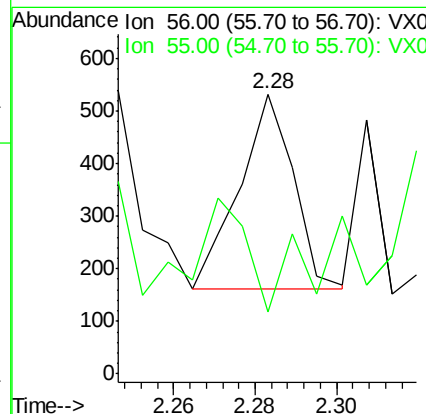
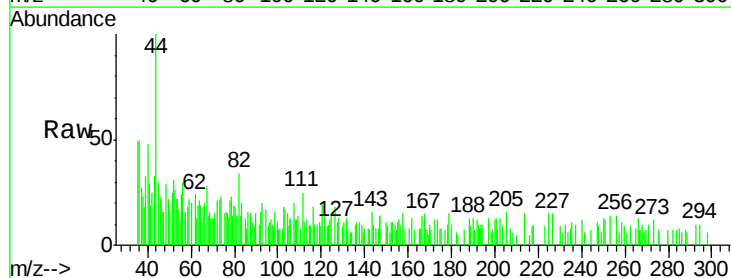
Tgt Ion: 59 Resp: 1097
 Ion Ratio Lower Upper
 59 100
 57 23.6 8.5 12.7#

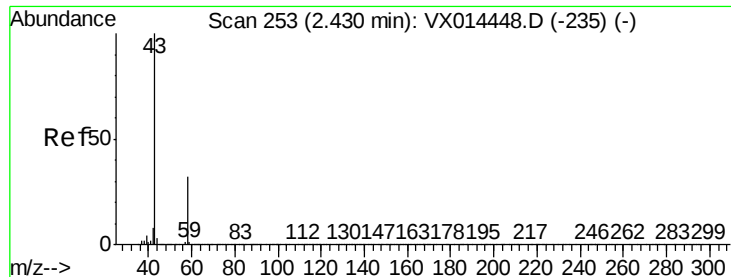


#13

Acrolein
 Concen: 0.376 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. -0.00 min
 Lab File: VX014538.D
 Acq: 10 Jan 2020 15:35

Tgt Ion: 56 Resp: 345
 Ion Ratio Lower Upper
 56 100
 55 40.0 55.0 82.6#





#16

Acetone

Concen: 4.450 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

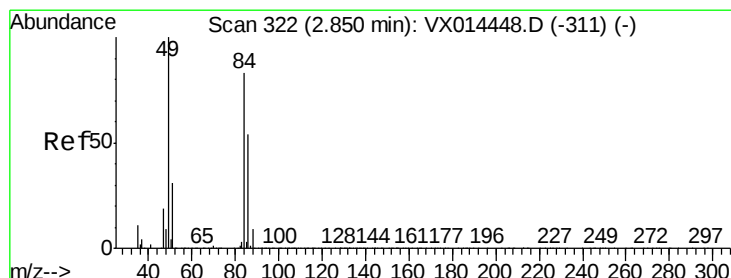
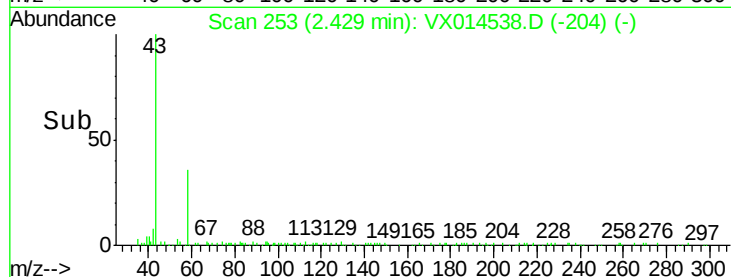
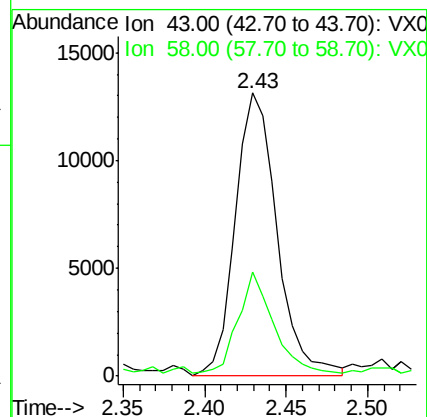
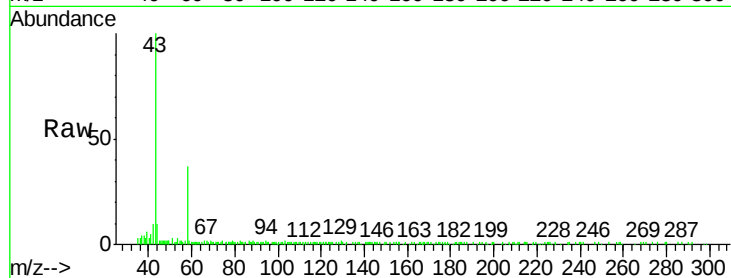
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 23509

Ion Ratio Lower Upper

43 100

58 35.5 25.4 38.0



#20

Methylene Chloride

Concen: 0.610 ug/l

RT: 2.86 min Scan# 323

Delta R.T. 0.01 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Tgt Ion: 84 Resp: 3366

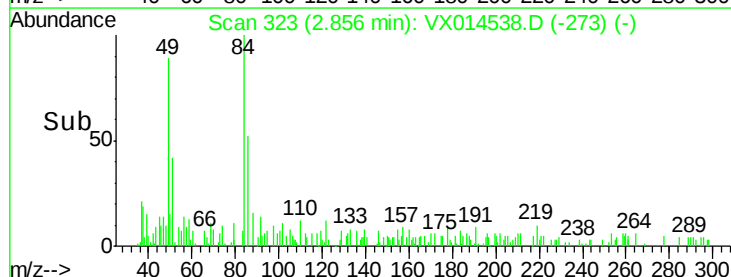
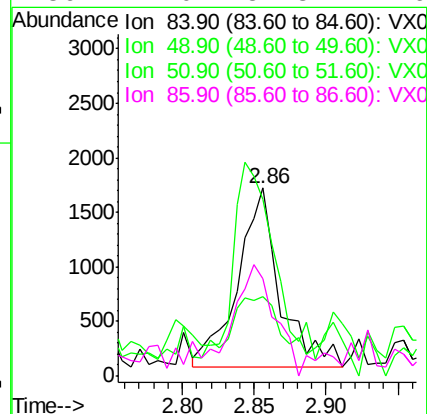
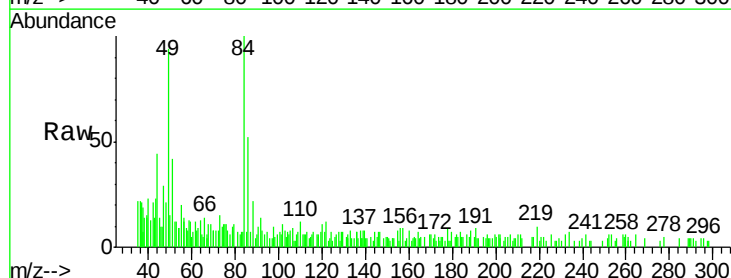
Ion Ratio Lower Upper

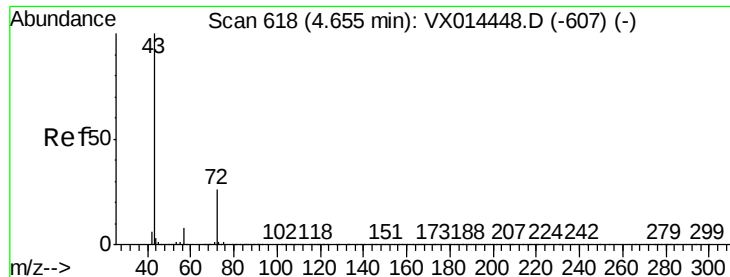
84 100

49 75.6 95.8 143.8#

51 33.2 30.2 45.4

86 42.0 51.8 77.6#





#25

2-Butanone

Concen: 1.010 ug/l

RT: 4.67 min Scan# 620

Delta R.T. 0.01 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

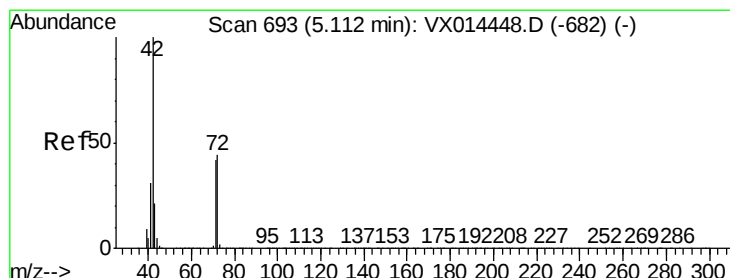
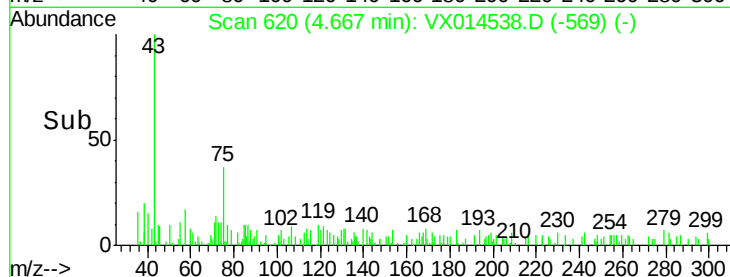
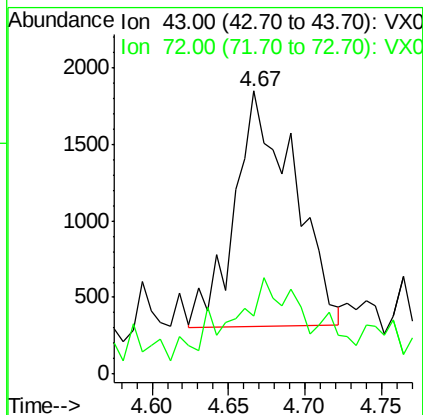
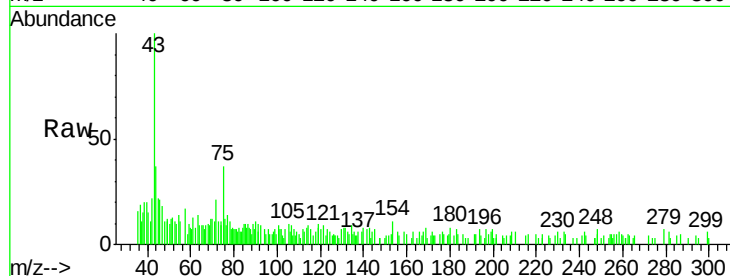
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 4133

Ion Ratio Lower Upper

43 100

72 7.9 20.6 31.0#



#29

Tetrahydrofuran

Concen: 0.880 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

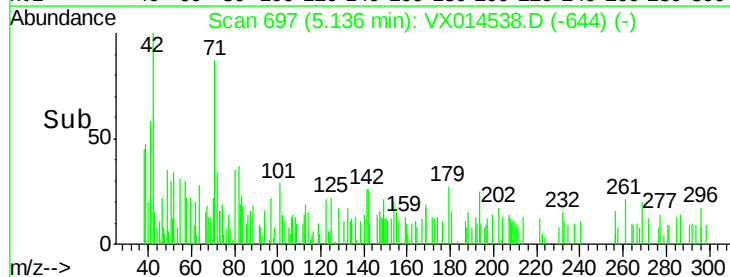
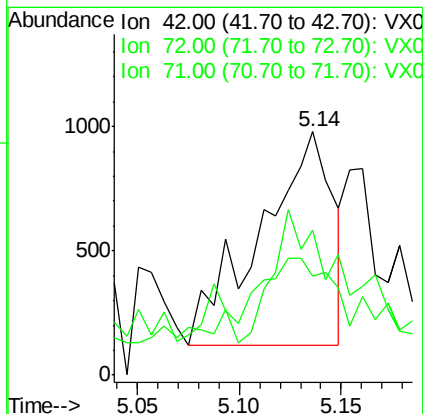
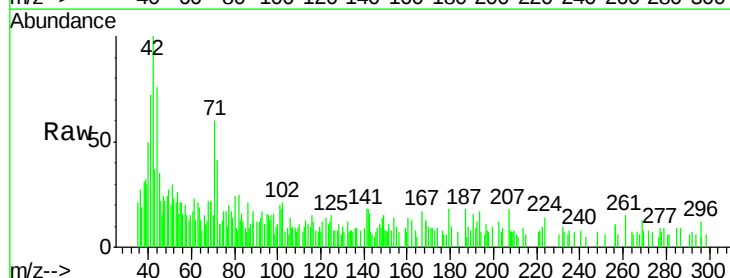
Tgt Ion: 42 Resp: 2130

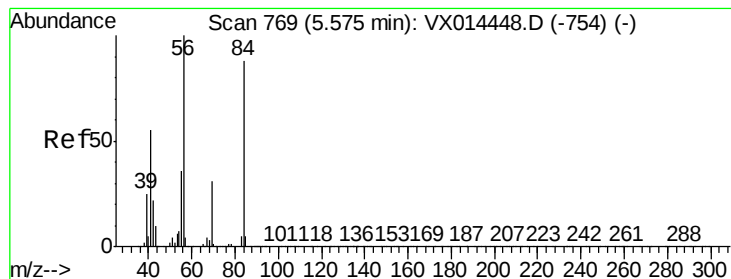
Ion Ratio Lower Upper

42 100

72 30.9 36.2 54.4#

71 63.5 34.1 51.1#





#31

Cyclohexane

Concen: 1.030 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.08 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

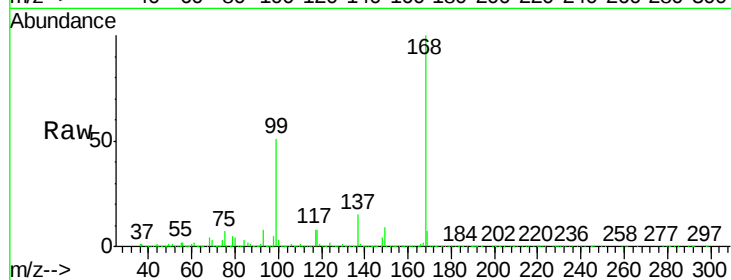
Tgt Ion: 56 Resp: 8625

Ion Ratio Lower Upper

56 100

69 177.9 24.4 36.6#

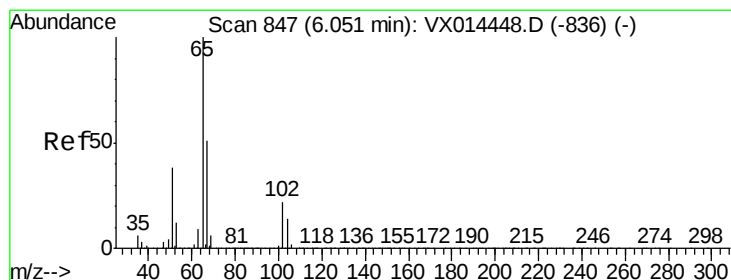
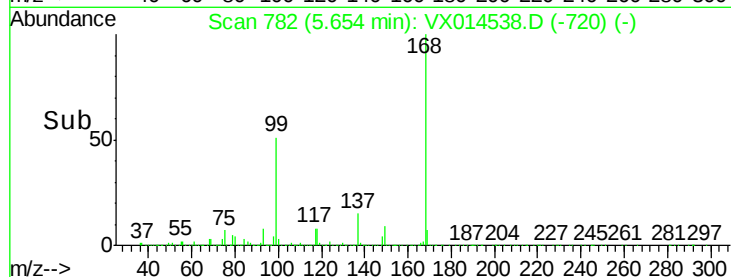
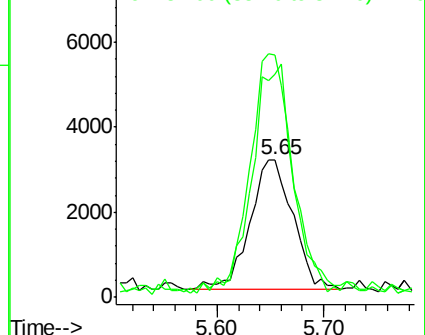
84 166.5 70.6 106.0#



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: 50.012 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014538.D

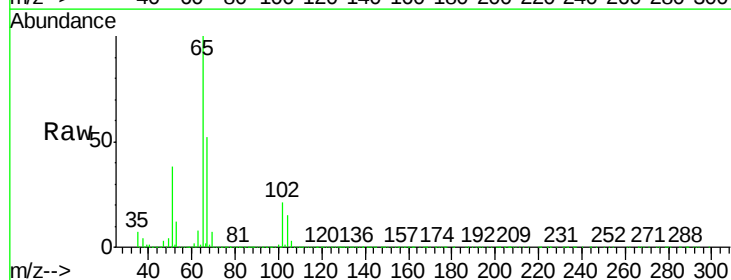
Acq: 10 Jan 2020 15:35

Tgt Ion: 65 Resp: 274110

Ion Ratio Lower Upper

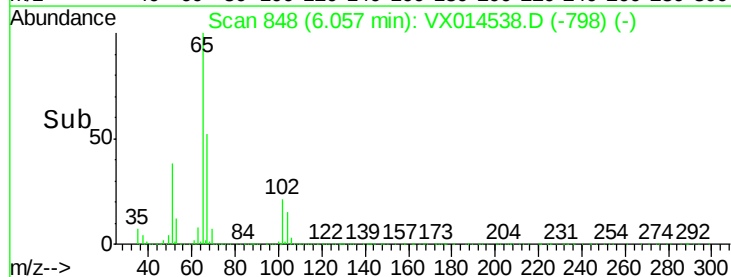
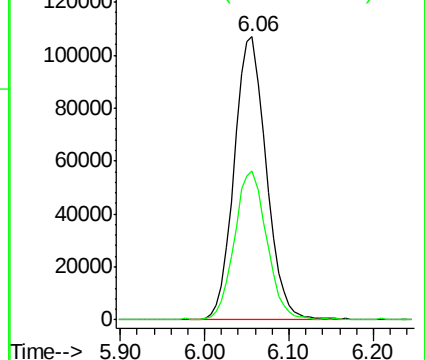
65 100

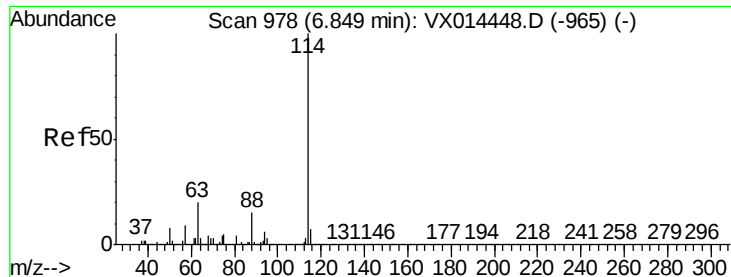
67 52.6 0.0 106.2



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

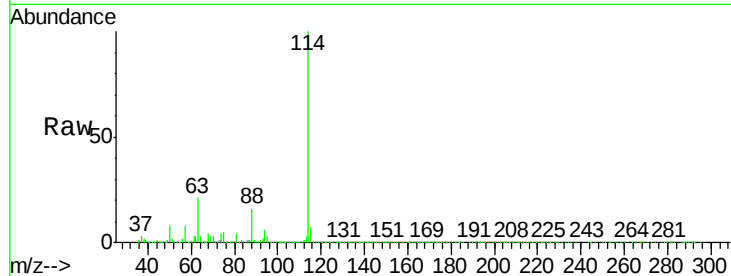
Tgt Ion:114 Resp: 759651

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

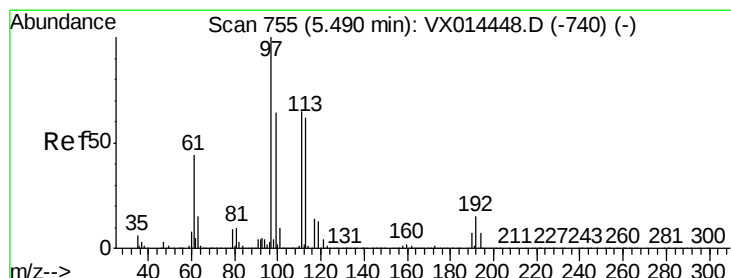
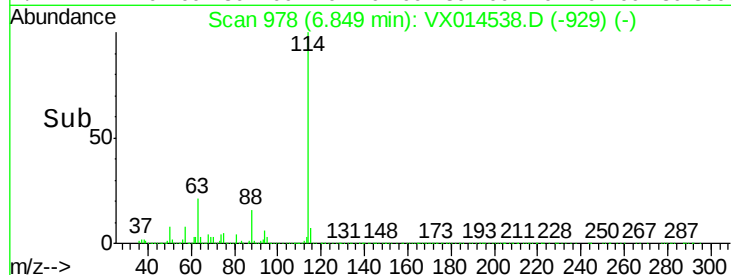
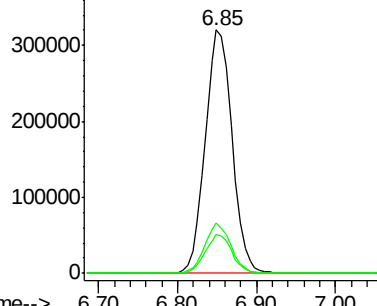
88 15.8 0.0 30.8



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: 49.112 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

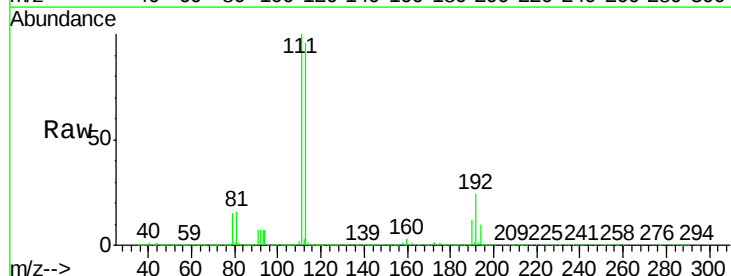
Tgt Ion:113 Resp: 225841

Ion Ratio Lower Upper

113 100

111 103.5 81.5 122.3

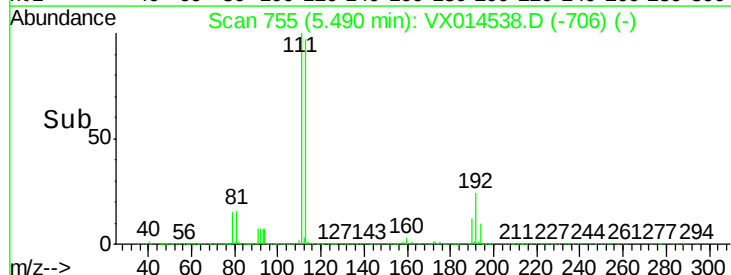
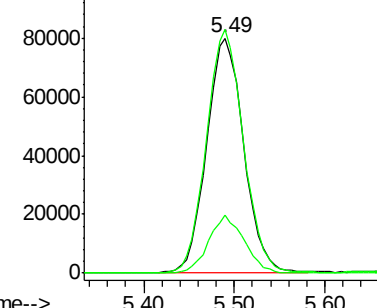
192 23.9 19.2 28.8

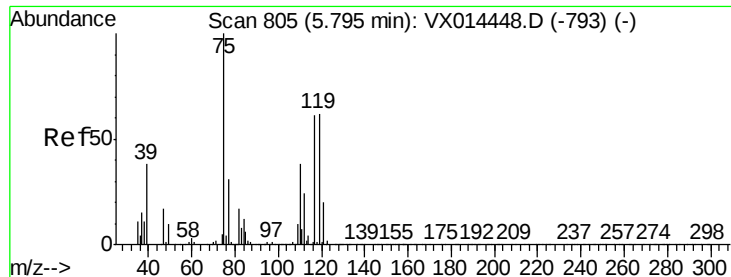


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.581 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.14 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

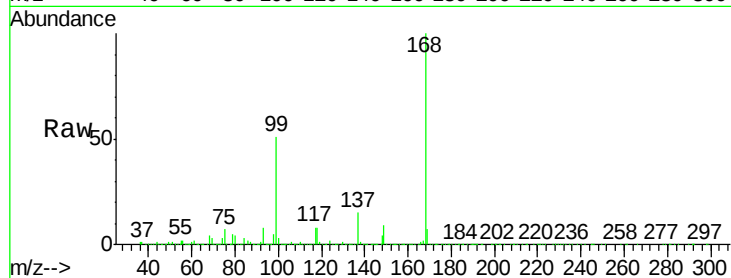
Tgt Ion: 75 Resp: 32726

Ion Ratio Lower Upper

75 100

110 8.1 18.6 55.8#

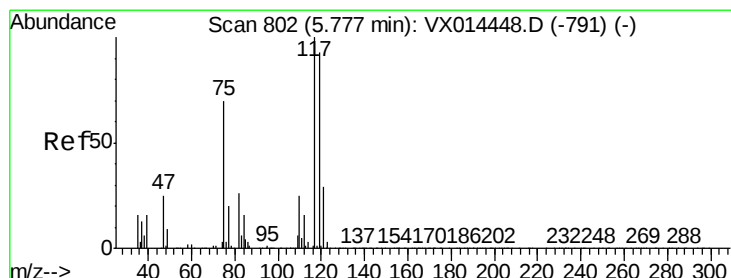
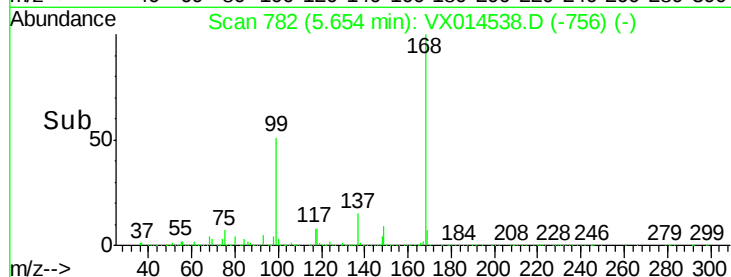
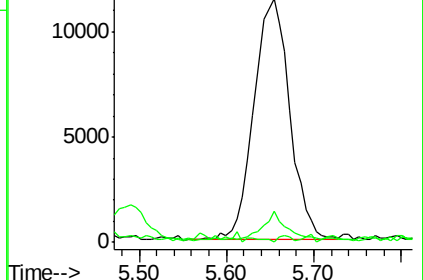
77 1.1 24.5 36.7#



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: 6.333 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

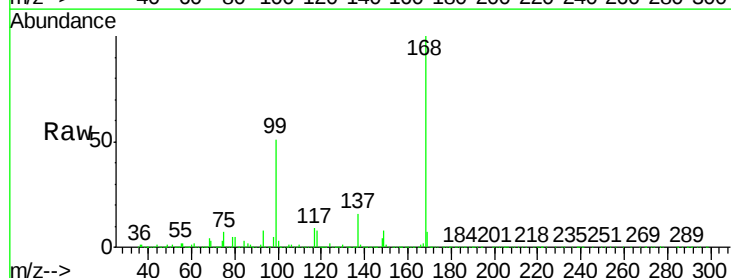
Tgt Ion: 117 Resp: 41630

Ion Ratio Lower Upper

117 100

119 4.4 73.8 110.8#

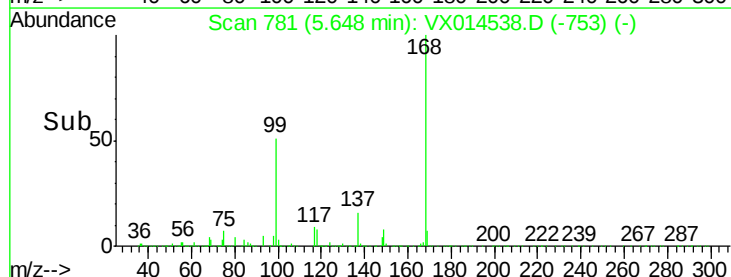
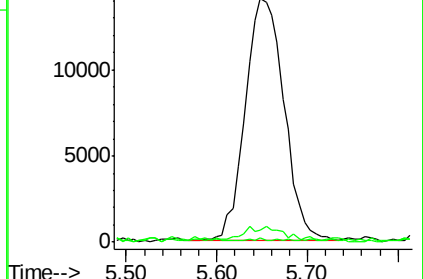
121 0.2 23.4 35.0#

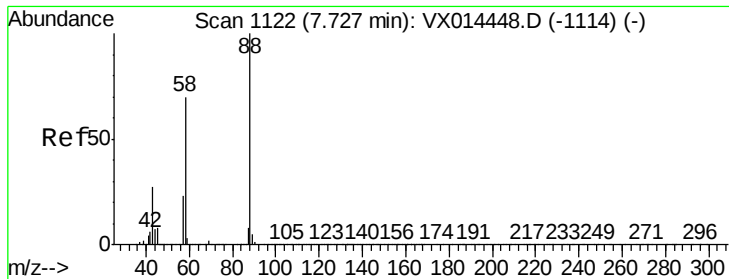


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#49

1,4-Dioxane

Concen: 1.368 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

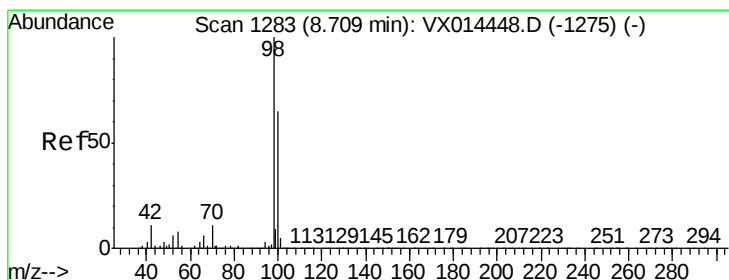
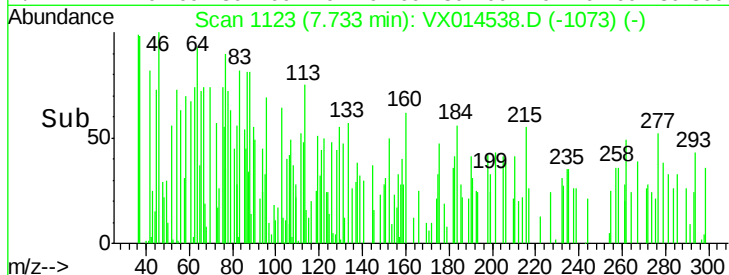
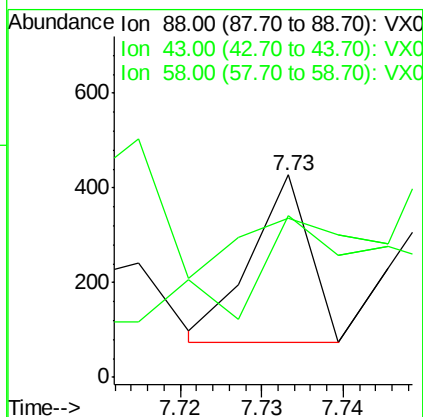
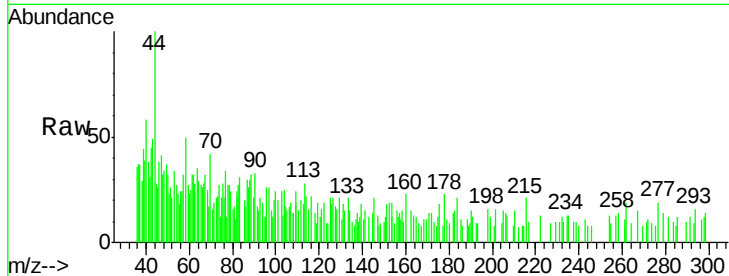
Tgt Ion: 88 Resp: 174

Ion Ratio Lower Upper

88 100

43 0.0 27.4 41.0#

58 240.8 57.1 85.7#



#50

Toluene-d8

Concen: 50.378 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014538.D

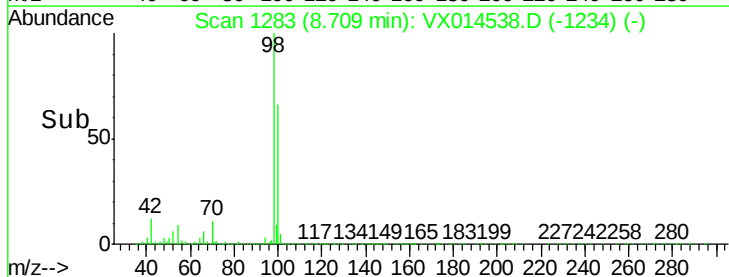
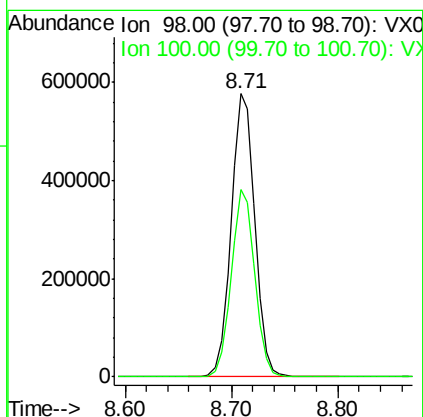
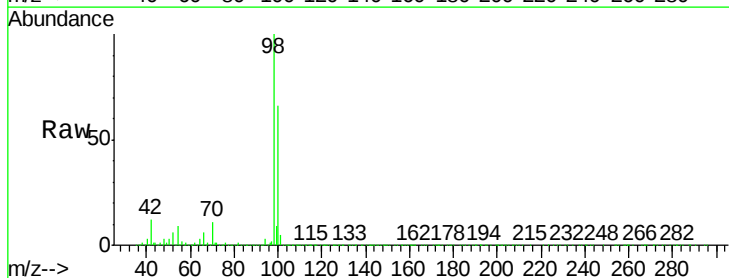
Acq: 10 Jan 2020 15:35

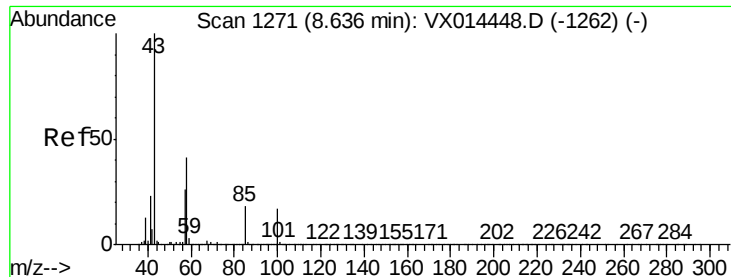
Tgt Ion: 98 Resp: 899004

Ion Ratio Lower Upper

98 100

100 65.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.209 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

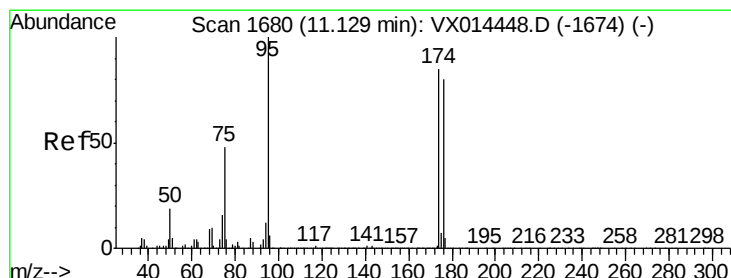
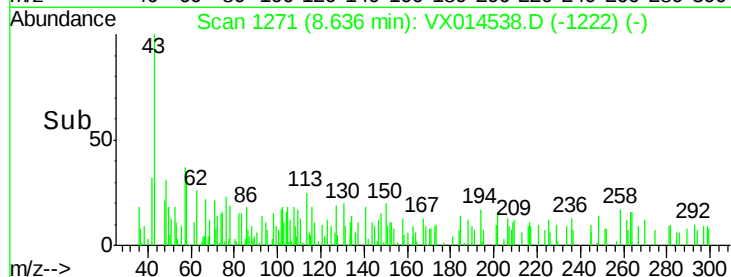
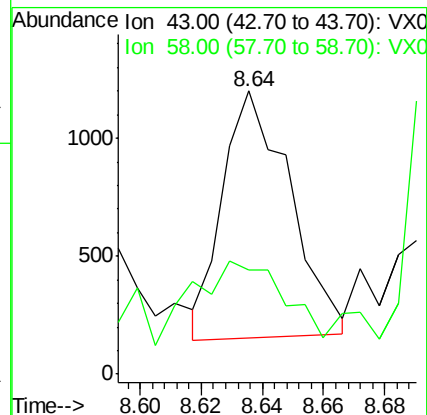
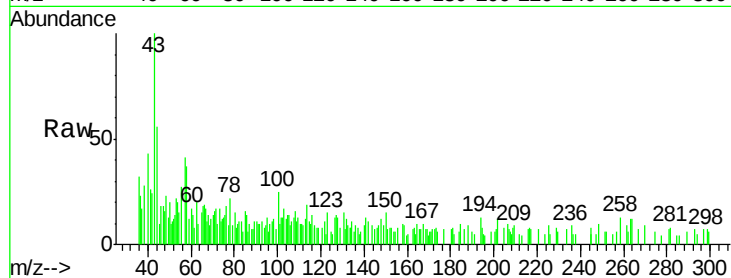
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 43 Resp: 1597

Ion Ratio Lower Upper

43 100

58 47.0 32.4 48.6



#62

4-Bromofluorobenzene

Concen: 46.585 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

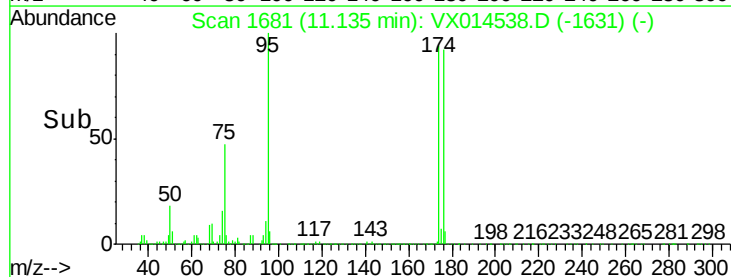
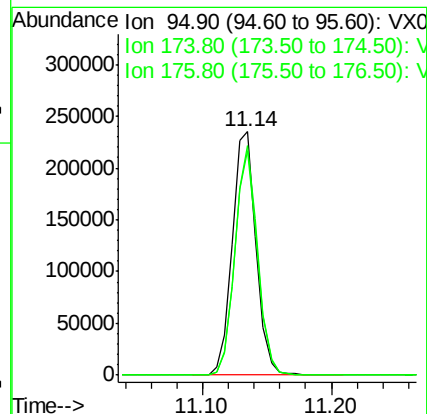
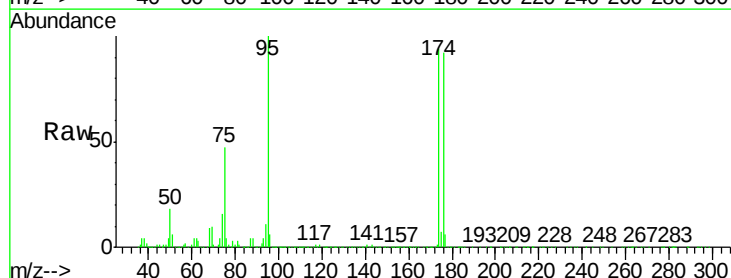
Tgt Ion: 95 Resp: 305189

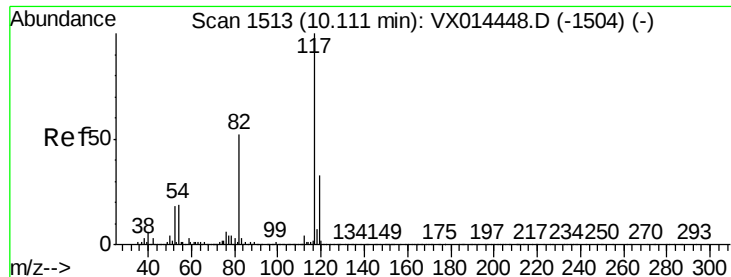
Ion Ratio Lower Upper

95 100

174 89.7 0.0 180.8

176 87.3 0.0 172.8

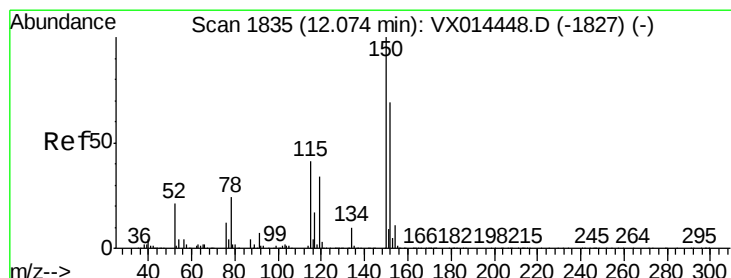
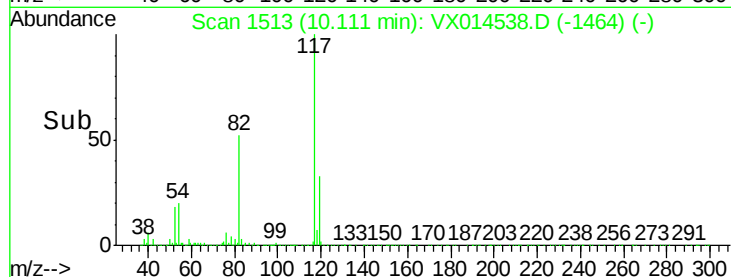
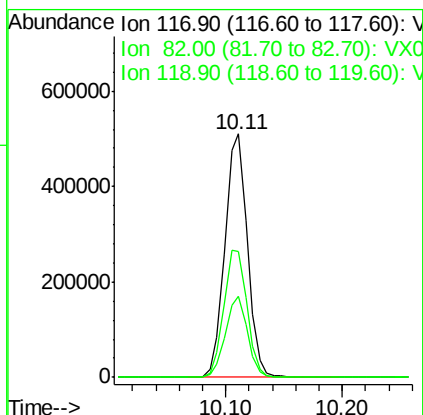
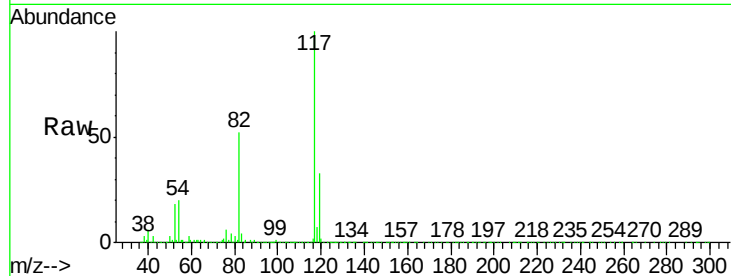




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014538.D
Acq: 10 Jan 2020 15:35

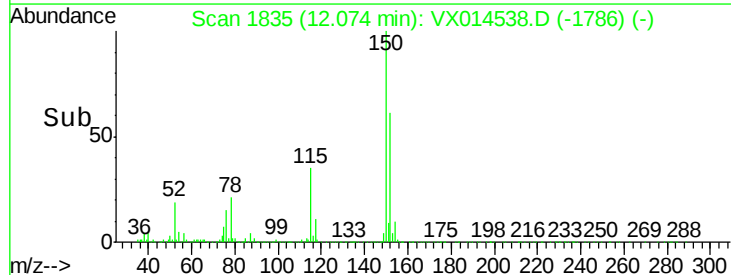
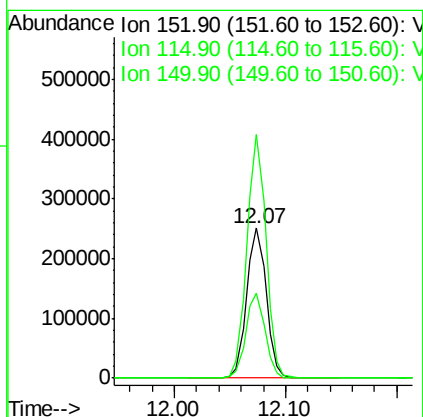
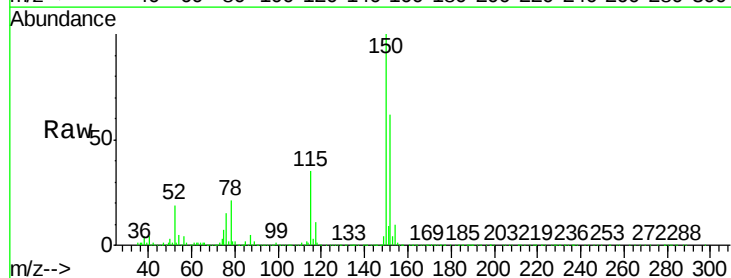
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

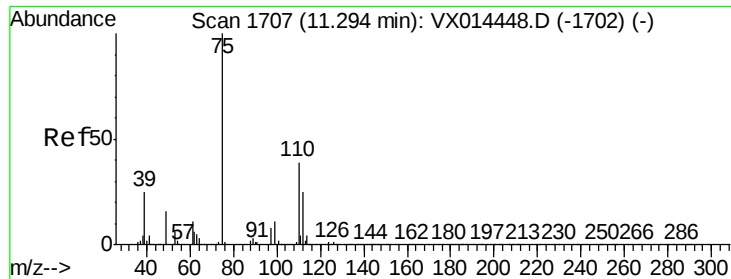
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.8	62.6
119	33.0	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX014538.D
Acq: 10 Jan 2020 15:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.6	39.5	118.3
150	158.4	0.0	350.2





#76

1,2,3-Trichloropropane

Concen: 23.200 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

Instrument :

MSVOA_X

ClientSampleId :

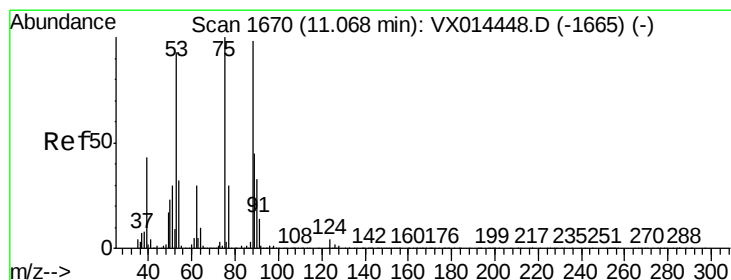
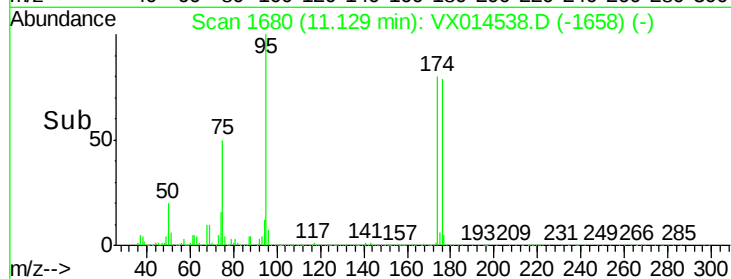
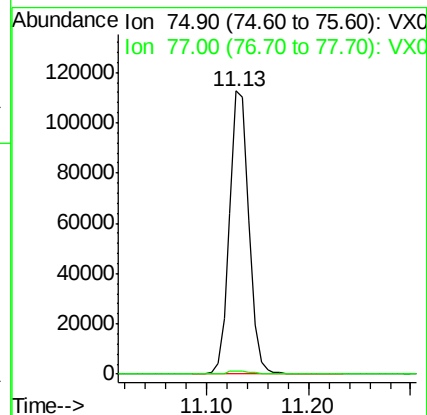
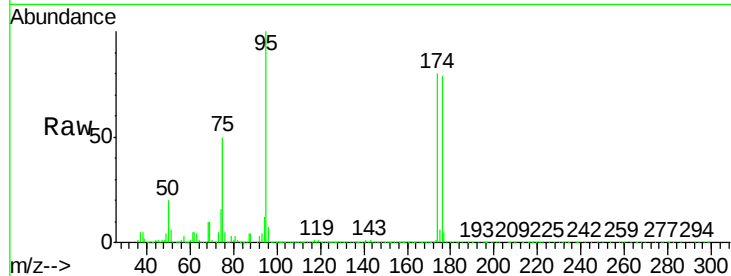
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 147108

Ion Ratio Lower Upper

75 100

77 1.4 21.9 65.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 61.335 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX014538.D

Acq: 10 Jan 2020 15:35

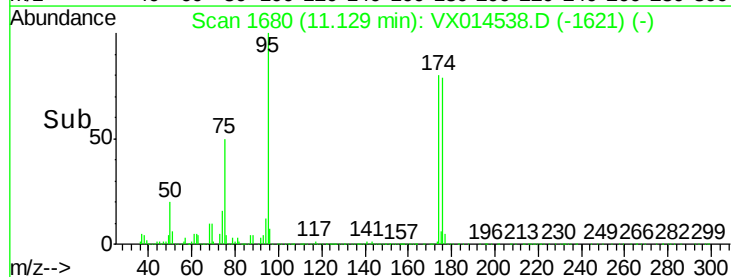
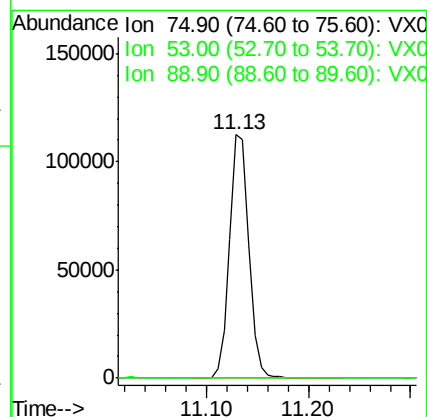
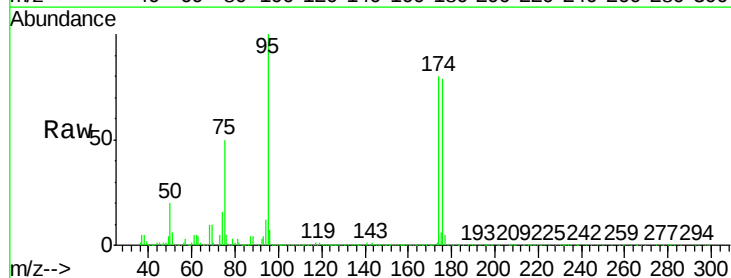
Tgt Ion: 75 Resp: 147108

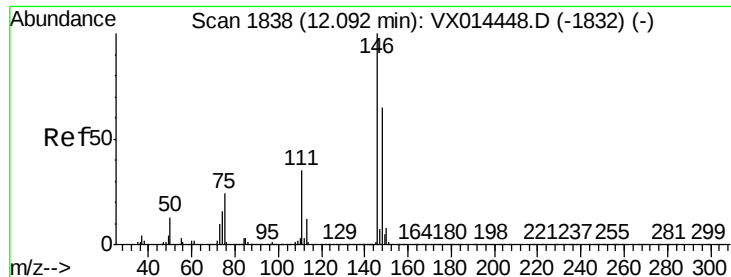
Ion Ratio Lower Upper

75 100

53 0.3 74.8 112.2#

89 0.2 36.3 54.5#

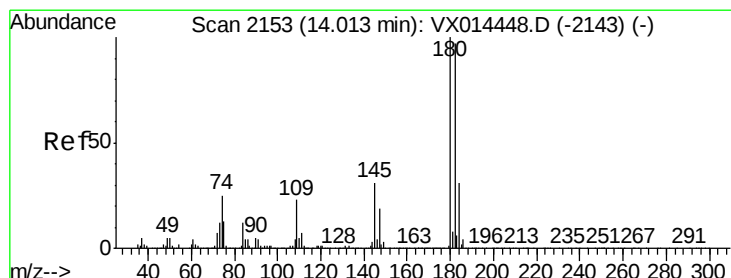
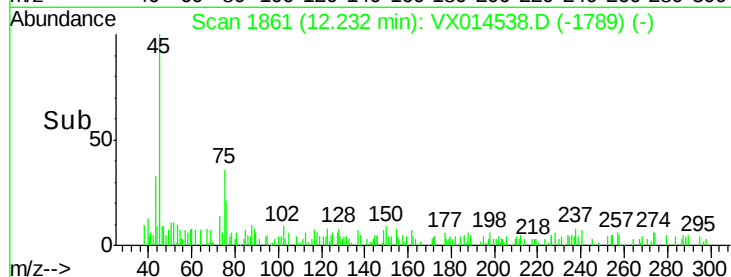
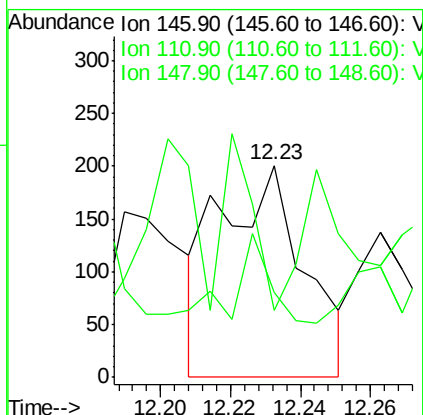
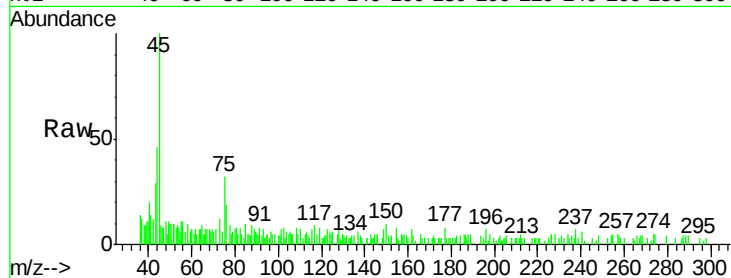




#88
 1,4-Dichlorobenzene
 Concen: Below Cal
 RT: 12.23 min Scan# 1861
 Delta R.T. 0.14 min
 Lab File: VX014538.D
 Acq: 10 Jan 2020 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion:146 Resp: 336
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.1 54.1
 148 37.2 32.1 96.3



#96
 1,2,3-Trichlorobenzene
 Concen: Below Cal
 RT: 13.85 min Scan# 2127
 Delta R.T. -0.16 min
 Lab File: VX014538.D
 Acq: 10 Jan 2020 15:35

Tgt Ion:180 Resp: 251
 Ion Ratio Lower Upper
 180 100
 182 118.3 47.9 143.6
 145 33.1 14.8 44.3

