

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX082019\
 Data File : VX011683.D
 Acq On : 20 Aug 2019 14:38
 Operator : JC/SP
 Sample : K4397-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Aug 20 23:22:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081519W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:15:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	388818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	547591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	480890	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	233033	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	203660	56.48	ug/l	0.00
Spiked Amount			Recovery	=	112.96%	
35) Dibromofluoromethane	5.49	113	162054	45.25	ug/l	0.00
Spiked Amount			Recovery	=	90.50%	
50) Toluene-d8	8.71	98	623711	55.89	ug/l	0.00
Spiked Amount			Recovery	=	111.78%	
62) 4-Bromofluorobenzene	11.13	95	218659	46.42	ug/l	0.00
Spiked Amount			Recovery	=	92.84%	

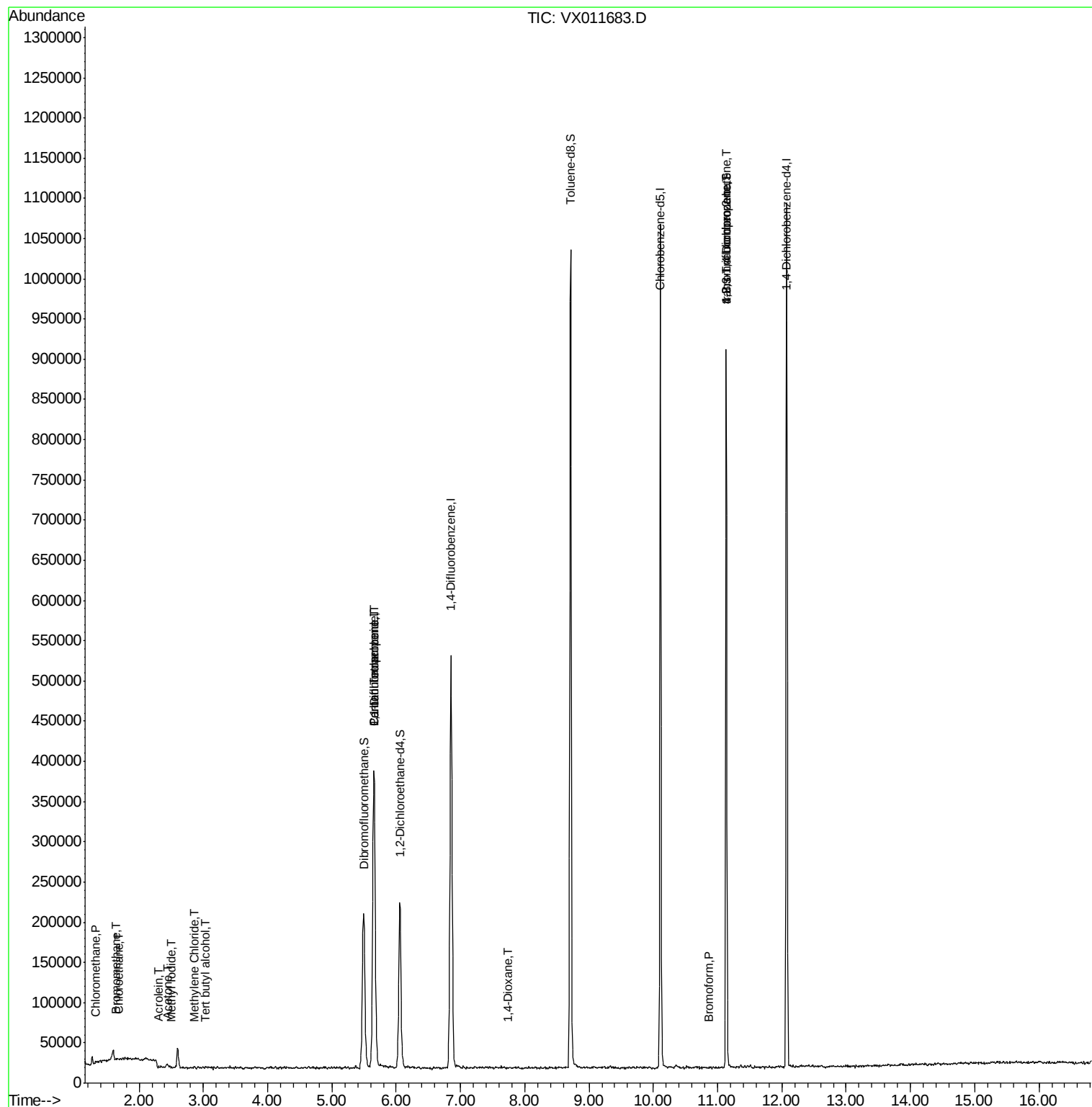
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1451	0.366	ug/l	100
5) Bromomethane	1.65	94	1308	0.814	ug/l #	62
6) Chloroethane	1.68	64	589	0.347	ug/l #	53
10) Methyl Iodide	2.51	142	1335	0.273	ug/l #	71
11) Tert butyl alcohol	3.04	59	1458	1.648	ug/l #	11
13) Acrolein	2.31	56	228	12.981	ug/l #	71
16) Acetone	2.43	43	4679	2.581	ug/l	98
20) Methylene Chloride	2.86	84	1218	0.320	ug/l #	84
36) 1,1-Dichloropropene	5.65	75	24730	5.282	ug/l #	40
38) Carbon Tetrachloride	5.65	117	34571	6.702	ug/l #	16
49) 1,4-Dioxane	7.75	88	92	0.831	ug/l #	25
71) Bromoform	10.87	173	124	3.323	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	106606	24.125	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.13	75	106606	63.976	ug/l #	11

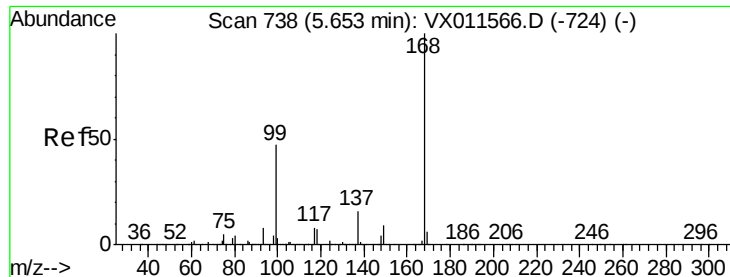
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX082019\
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Quant Title : SW846 8260
QLast Update : Fri Aug 16 04:15:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

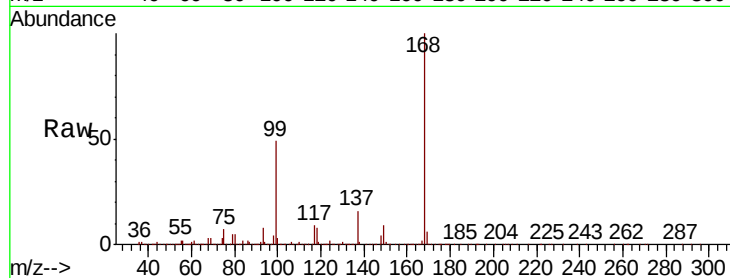
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 388818

Ion Ratio Lower Upper

168 100

99 49.0 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

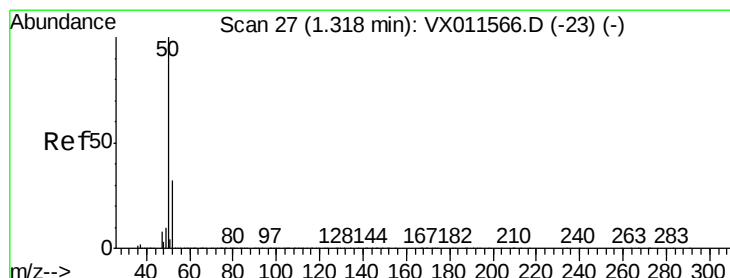
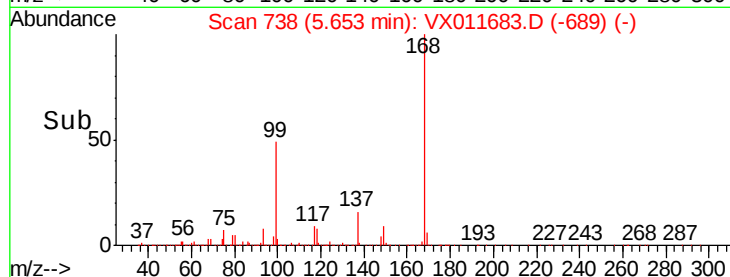
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.366 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.01 min

Lab File: VX011683.D

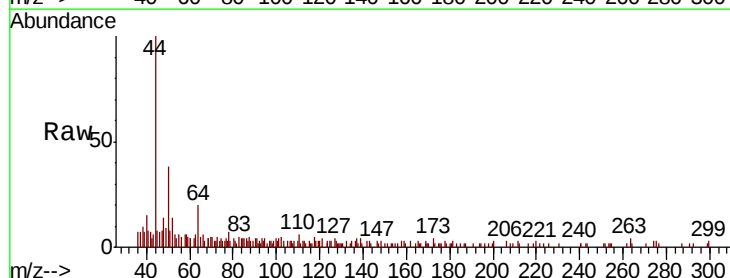
Acq: 20 Aug 2019 14:38

Tgt Ion: 50 Resp: 1451

Ion Ratio Lower Upper

50 100

52 32.3 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

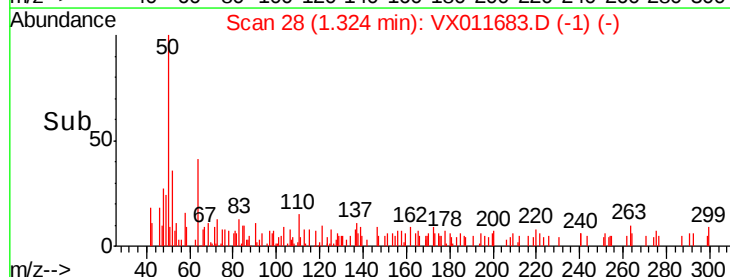
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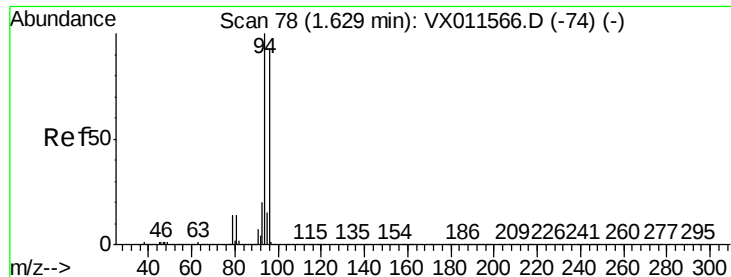
500

0

Time-->

1.30 1.35





#5

Bromomethane

Concen: 0.814 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.02 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

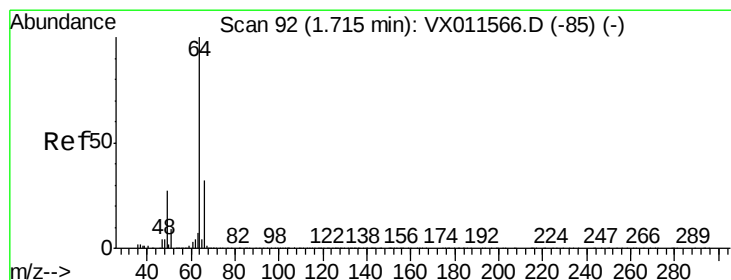
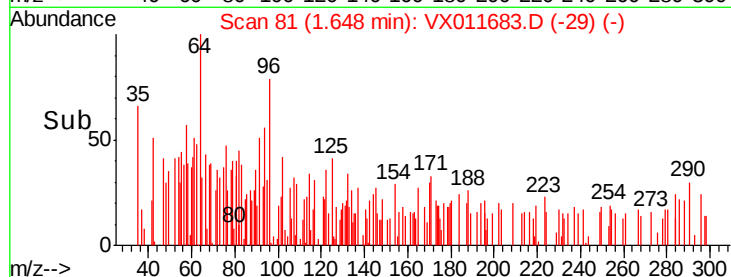
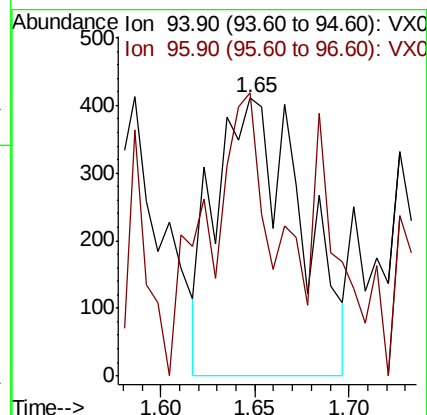
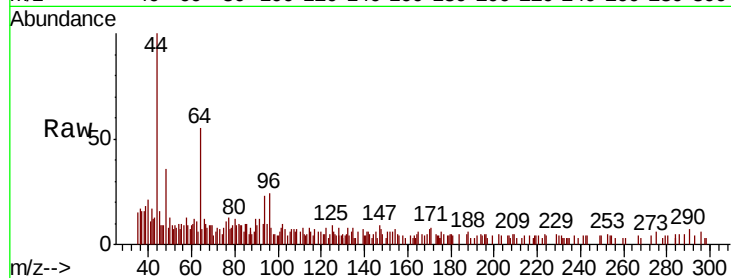
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 94 Resp: 1308

Ion Ratio Lower Upper

94 100

96 129.7 74.8 112.2#



#6

Chloroethane

Concen: 0.347 ug/l

RT: 1.68 min Scan# 87

Delta R.T. -0.03 min

Lab File: VX011683.D

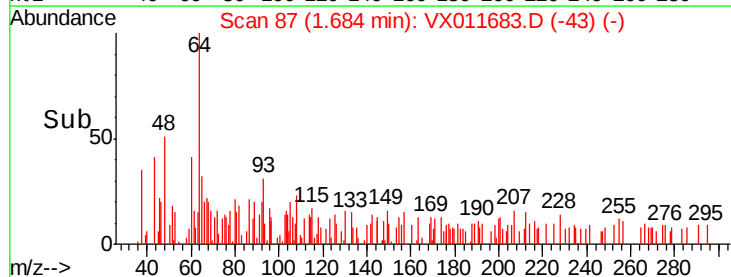
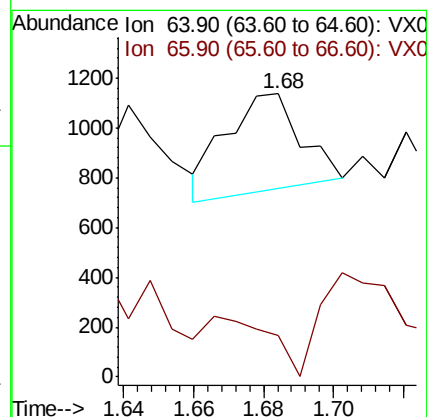
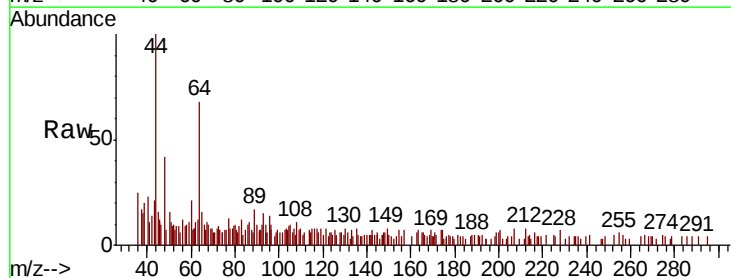
Acq: 20 Aug 2019 14:38

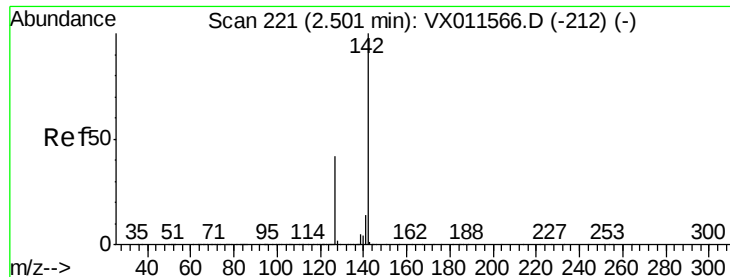
Tgt Ion: 64 Resp: 589

Ion Ratio Lower Upper

64 100

66 5.7 25.3 37.9#

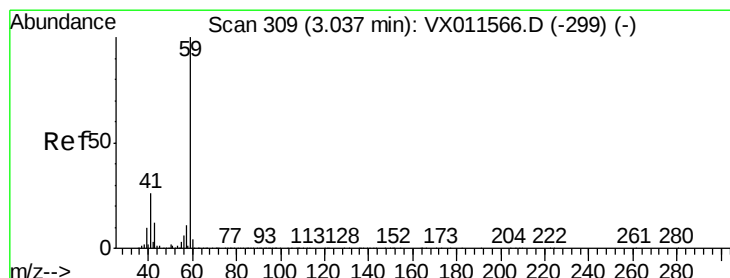
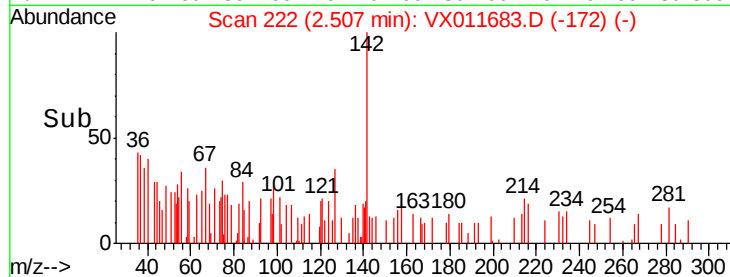
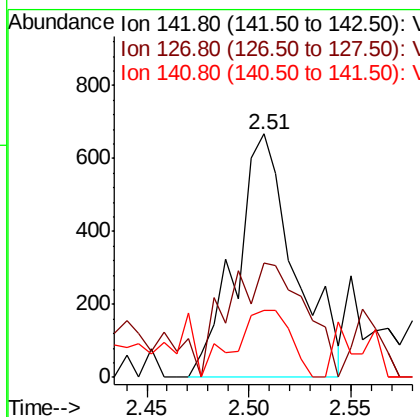
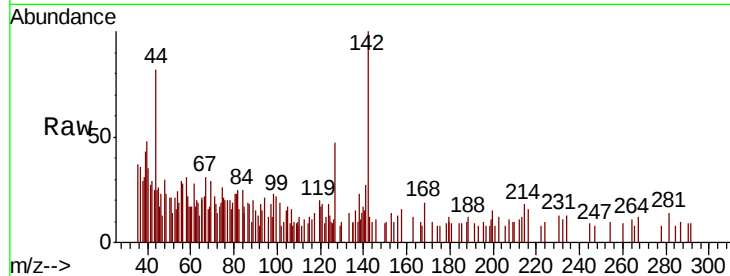




#10
Methyl Iodide
Concen: 0.273 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.01 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

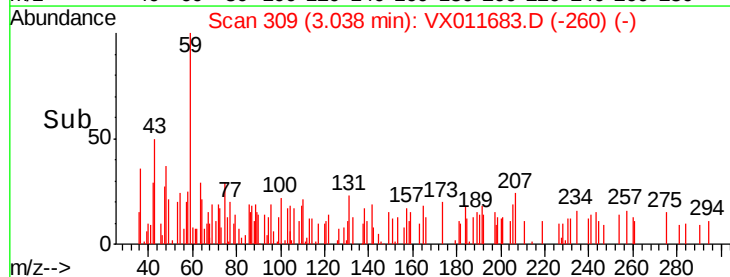
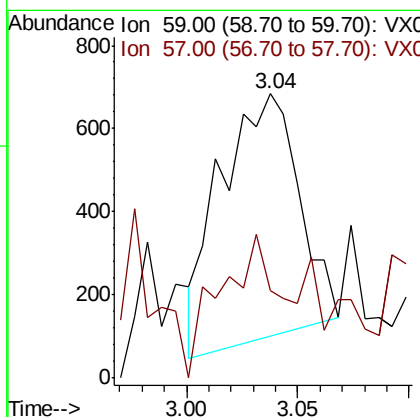
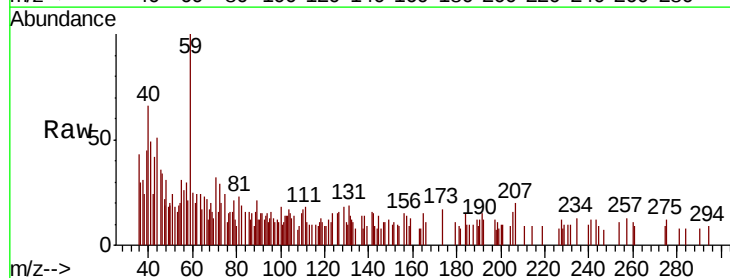
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

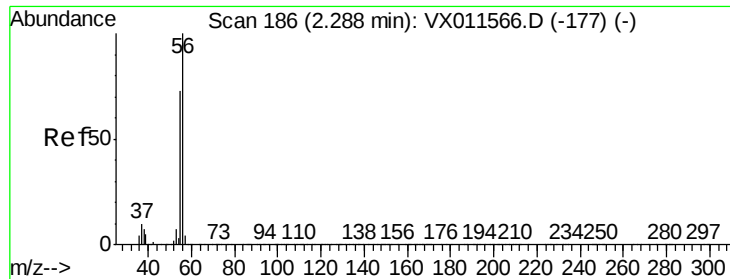
Tgt Ion:142 Resp: 1335
Ion Ratio Lower Upper
142 100
127 61.4 32.8 49.2#
141 21.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.648 ug/l
RT: 3.04 min Scan# 309
Delta R.T. 0.00 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

Tgt Ion: 59 Resp: 1458
Ion Ratio Lower Upper
59 100
57 44.7 8.7 13.1#





#13

Acrolein

Concen: 12.981 ug/l

RT: 2.31 min Scan# 190

Delta R.T. 0.03 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

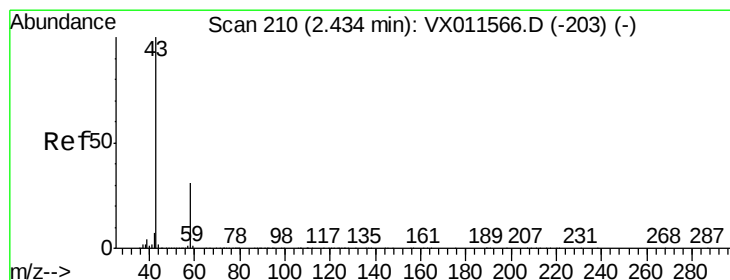
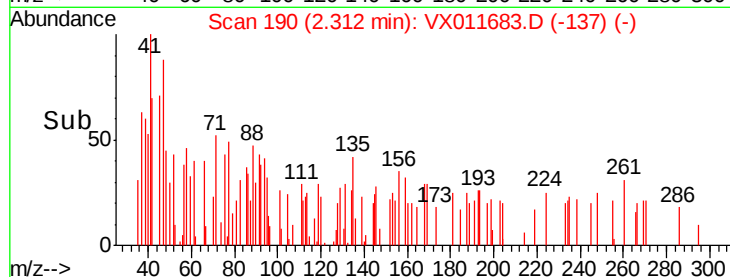
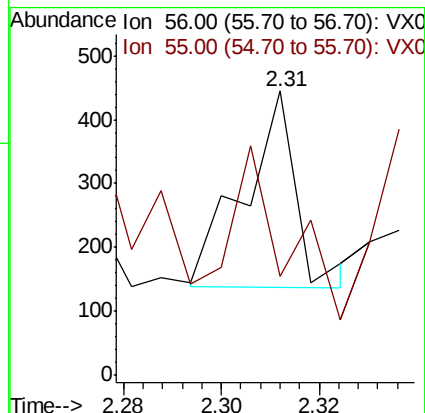
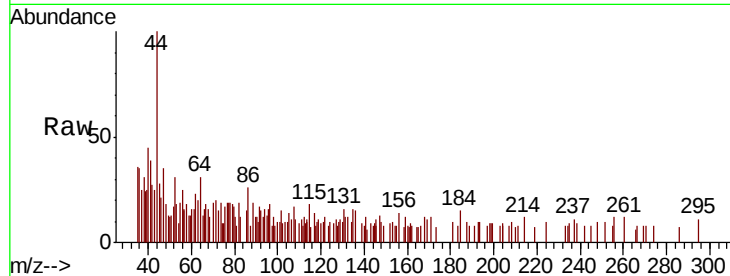
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 56 Resp: 228

Ion Ratio Lower Upper

56 100

55 93.0 55.5 83.3#



#16

Acetone

Concen: 2.581 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011683.D

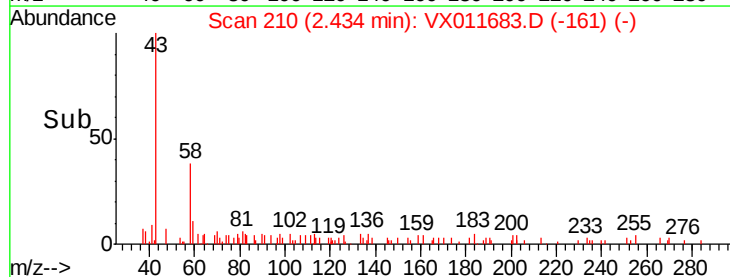
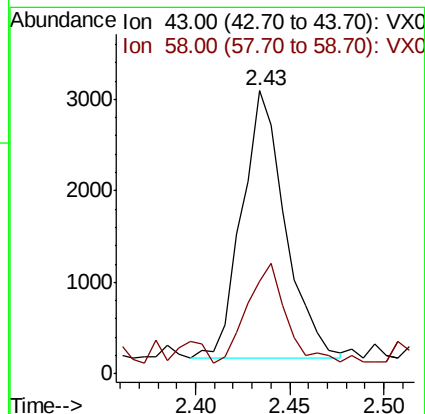
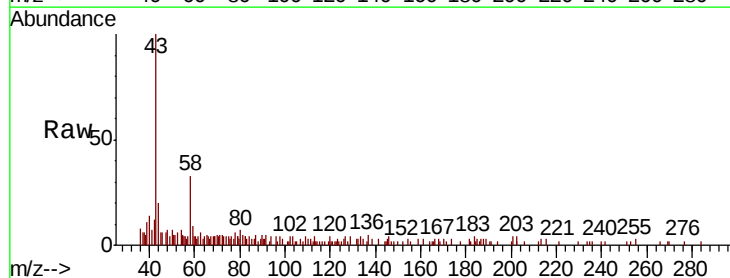
Acq: 20 Aug 2019 14:38

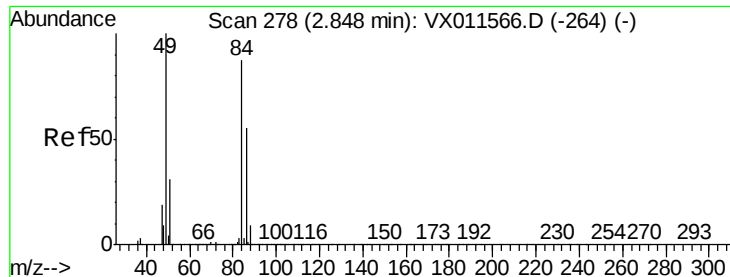
Tgt Ion: 43 Resp: 4679

Ion Ratio Lower Upper

43 100

58 30.2 25.2 37.8

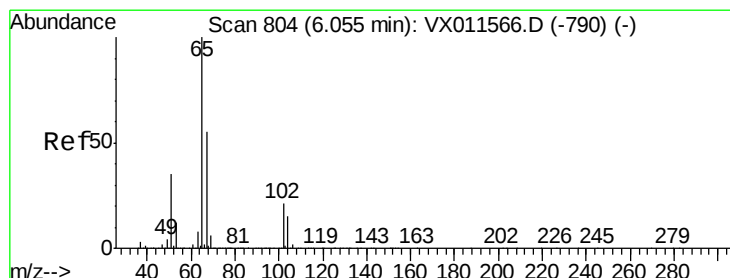
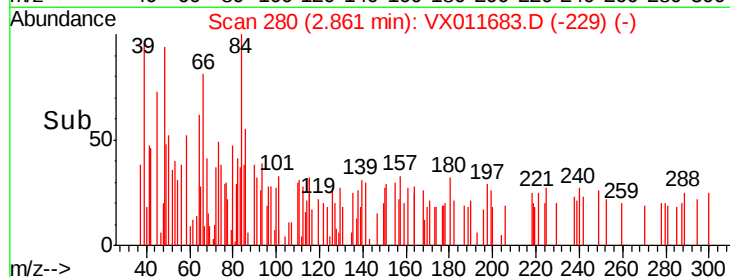
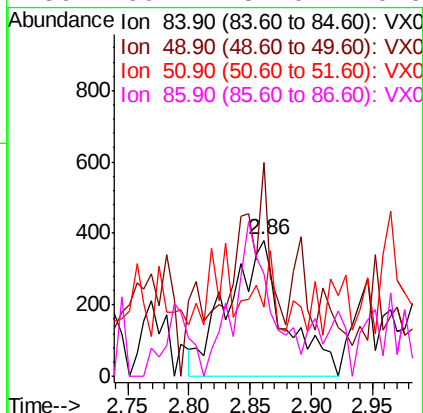
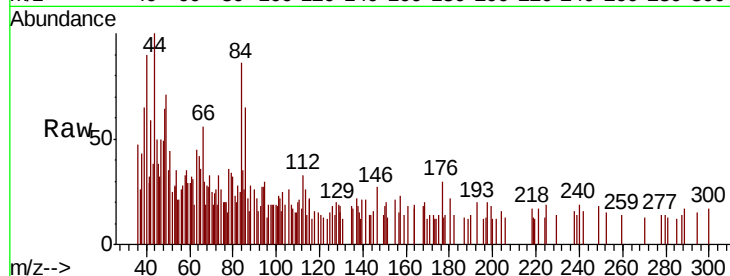




#20
Methylene Chloride
Concen: 0.320 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.01 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

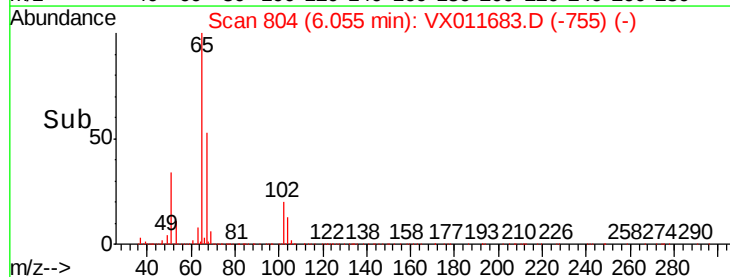
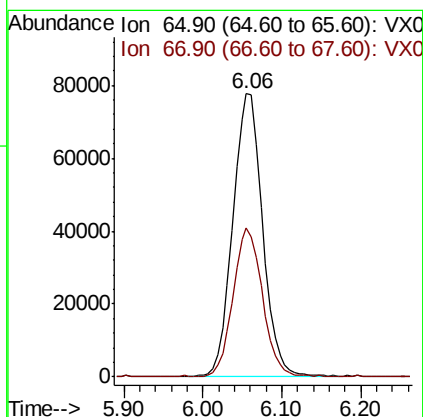
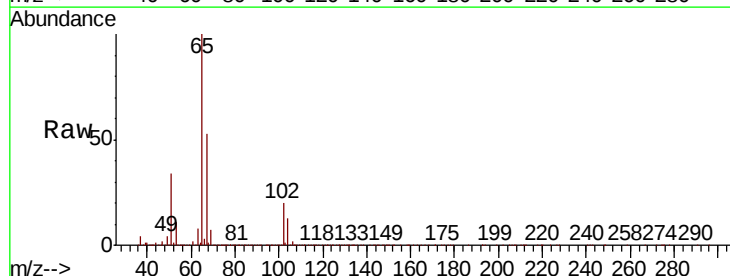
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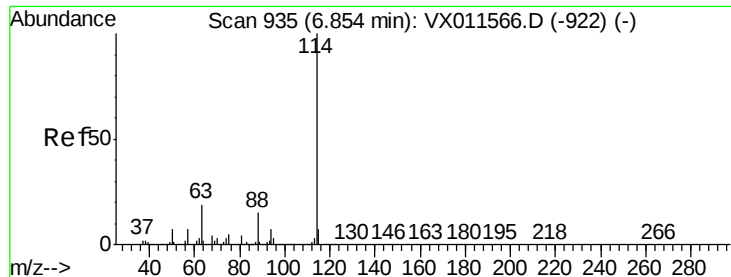
Tgt Ion: 84 Resp: 1218
Ion Ratio Lower Upper
84 100
49 100.0 92.4 138.6
51 10.9 28.5 42.7#
86 60.2 51.0 76.6



#33
1,2-Dichloroethane-d4
Concen: 56.482 ug/l
RT: 6.06 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

Tgt Ion: 65 Resp: 203660
Ion Ratio Lower Upper
65 100
67 51.6 0.0 107.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

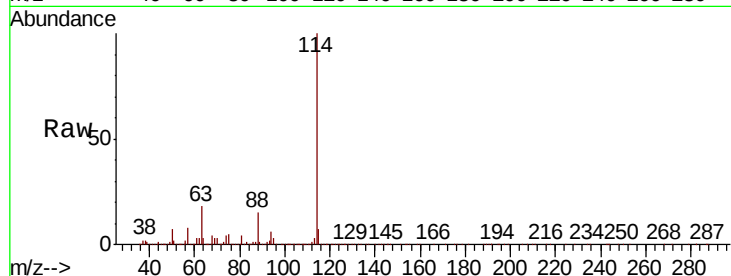
Tgt Ion:114 Resp: 547591

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.8

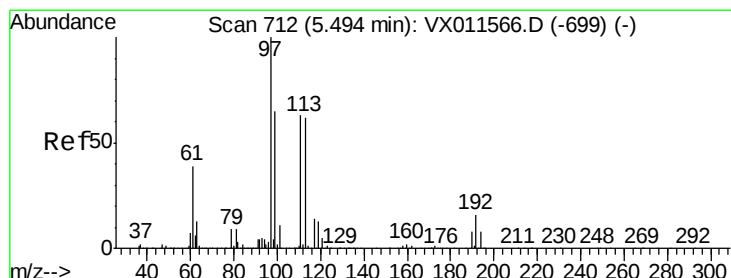
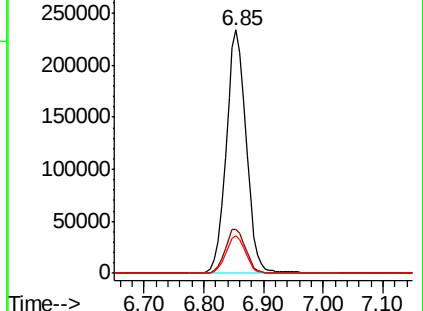
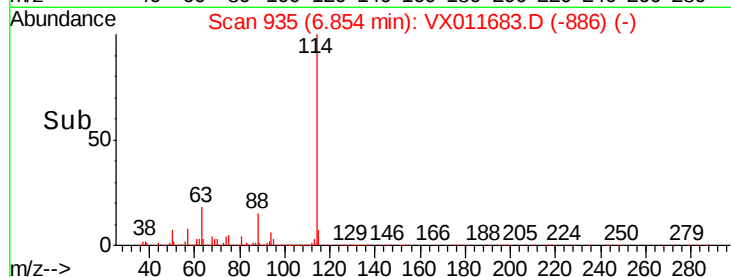
88 15.3 0.0 30.2



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: 45.246 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

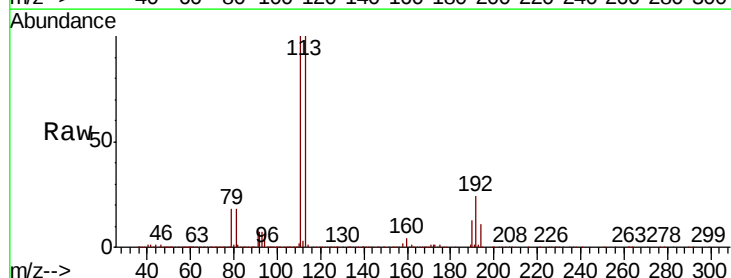
Tgt Ion:113 Resp: 162054

Ion Ratio Lower Upper

113 100

111 101.0 81.1 121.7

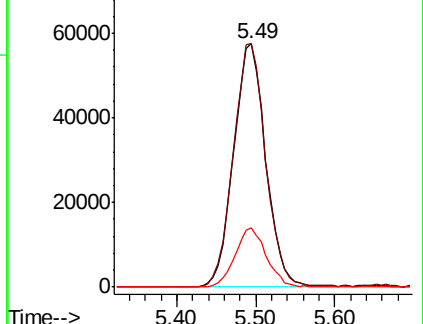
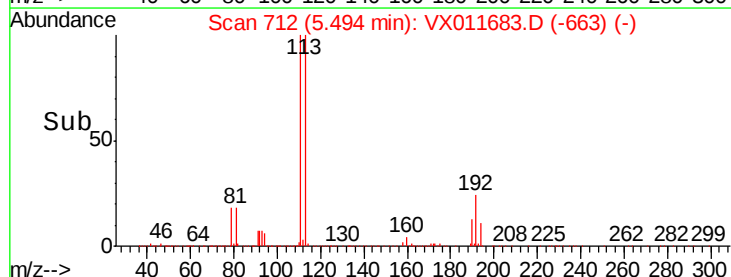
192 24.2 20.8 31.2

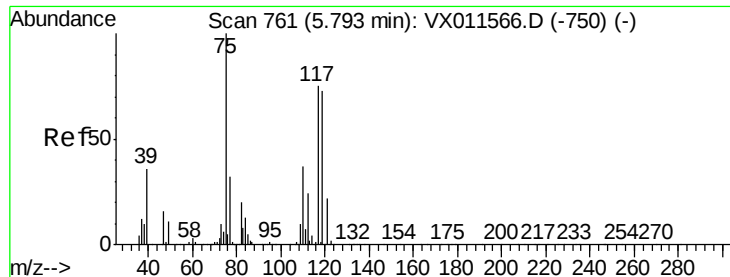


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

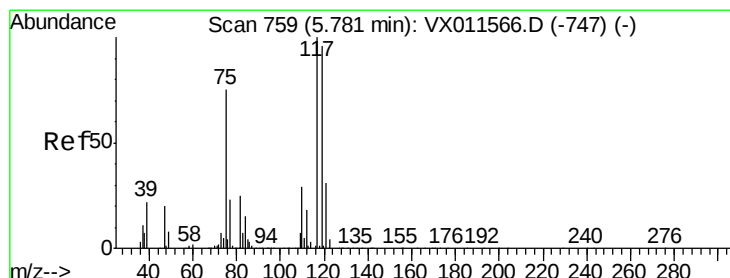
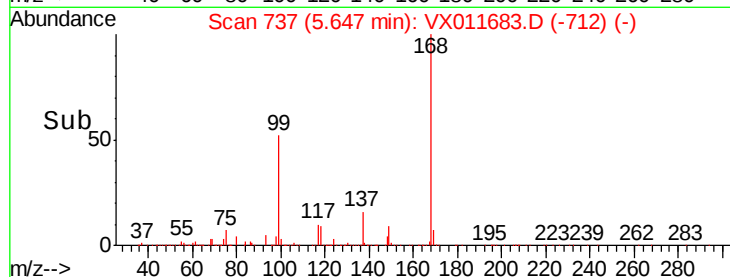
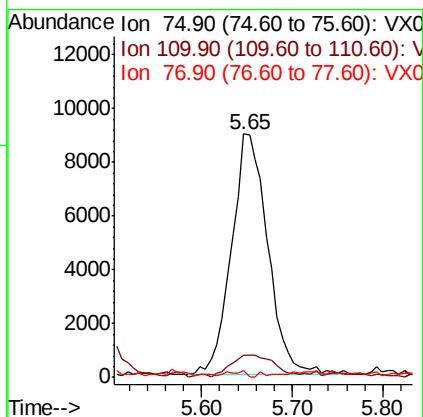
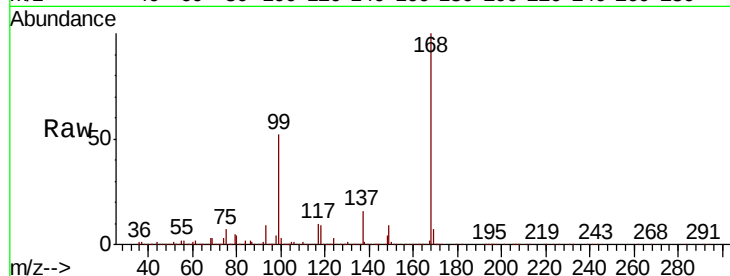




#36
 1,1-Dichloropropene
 Concen: 5.282 ug/l
 RT: 5.65 min Scan# 737
 Delta R.T. -0.15 min
 Lab File: VX011683.D
 Acq: 20 Aug 2019 14:38

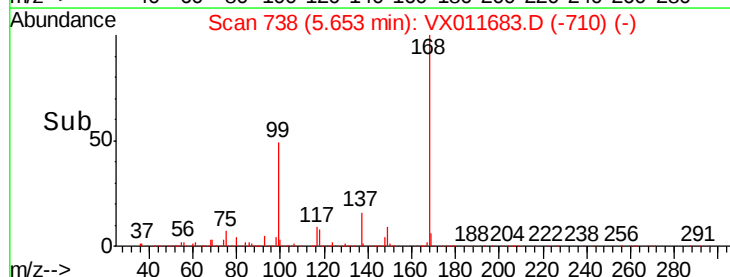
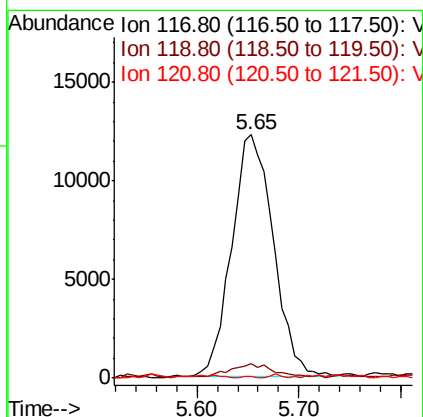
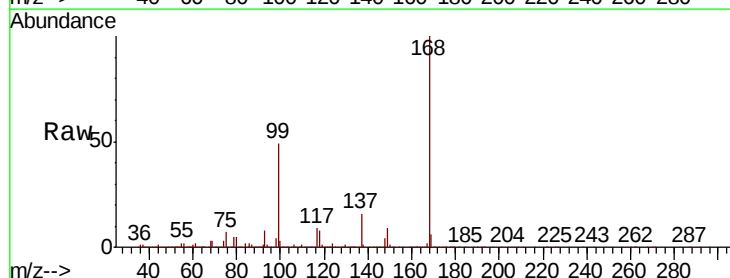
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

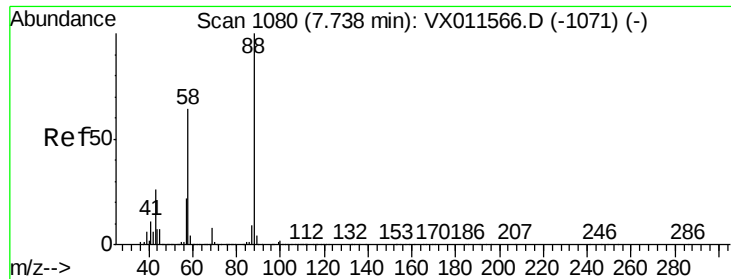
Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.4	58.1#
77	1.3	25.1	37.7#



#38
 Carbon Tetrachloride
 Concen: 6.702 ug/l
 RT: 5.65 min Scan# 738
 Delta R.T. -0.13 min
 Lab File: VX011683.D
 Acq: 20 Aug 2019 14:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.1	76.9	115.3#
121	0.0	24.8	37.2#

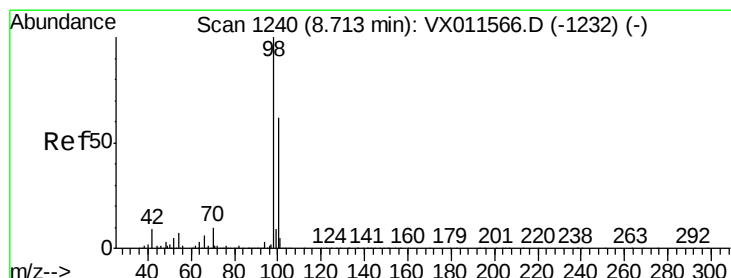
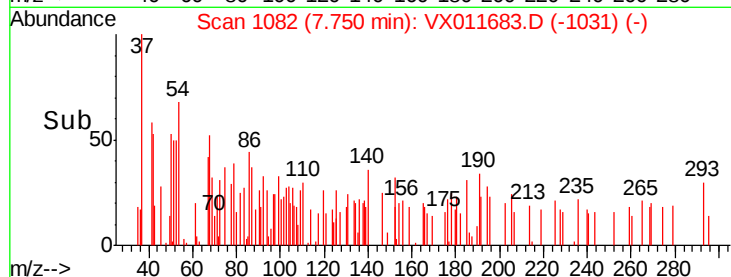
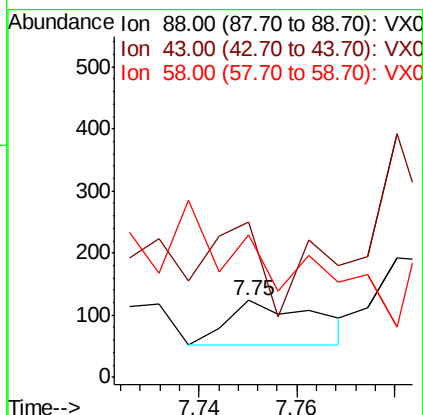
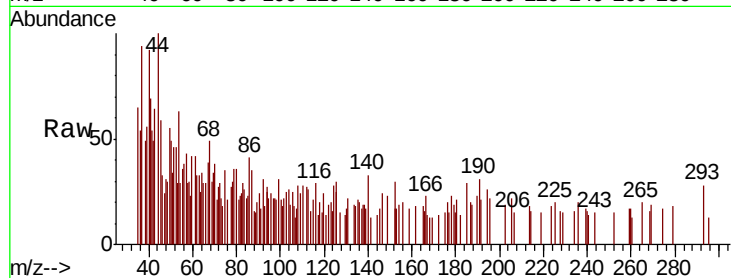




#49
1,4-Dioxane
Concen: 0.831 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.01 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

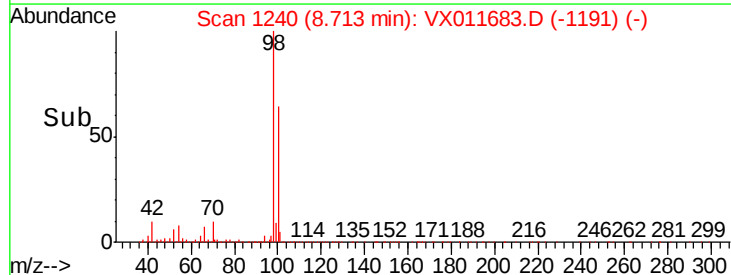
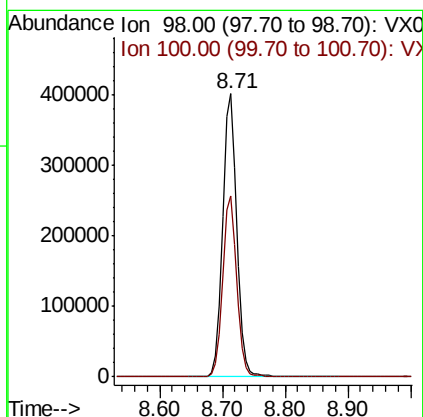
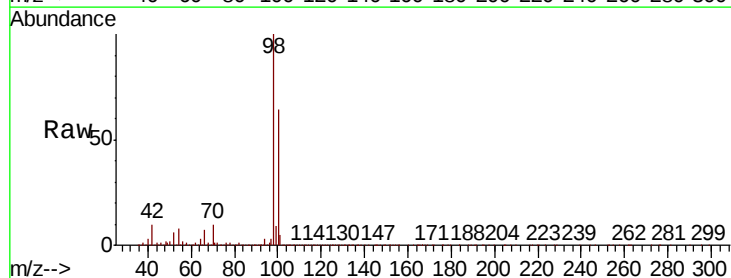
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

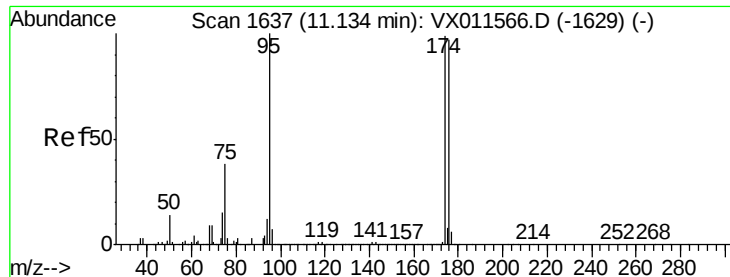
Tgt Ion: 88 Resp: 92
Ion Ratio Lower Upper
88 100
43 0.0 23.4 35.0#
58 0.0 54.3 81.5#



#50
Toluene-d8
Concen: 55.889 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

Tgt Ion: 98 Resp: 623711
Ion Ratio Lower Upper
98 100
100 63.6 52.4 78.6

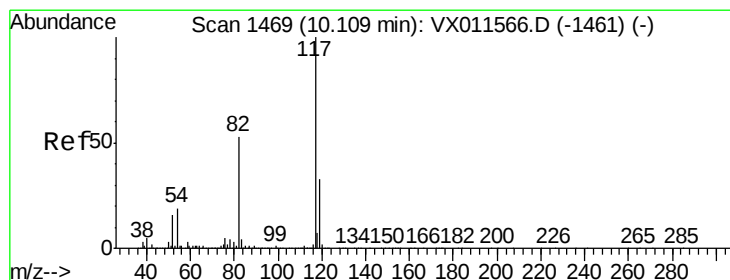
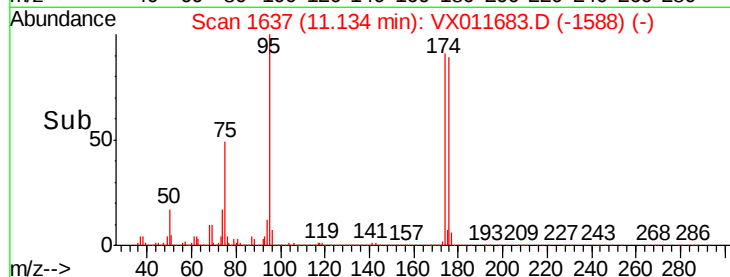
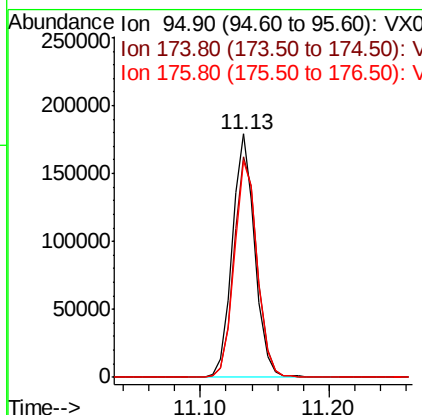
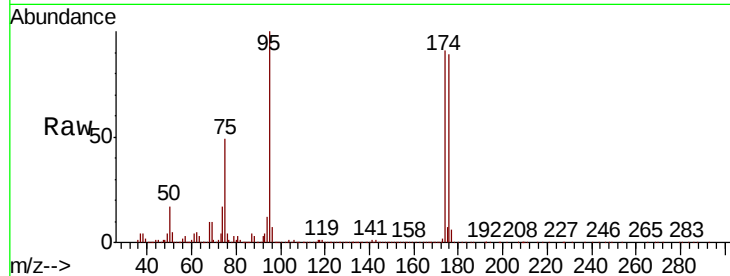




#62
4-Bromofluorobenzene
Concen: 46.421 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

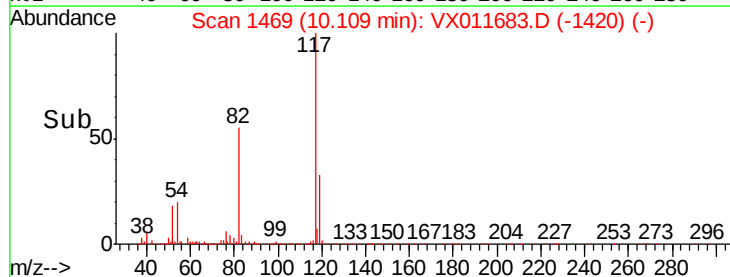
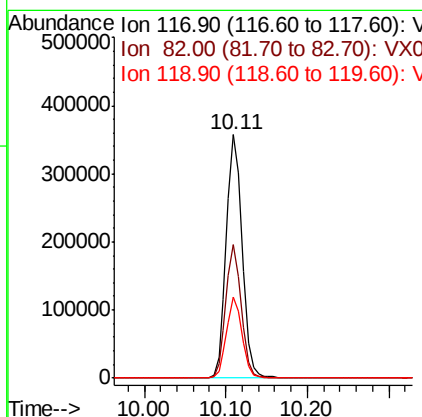
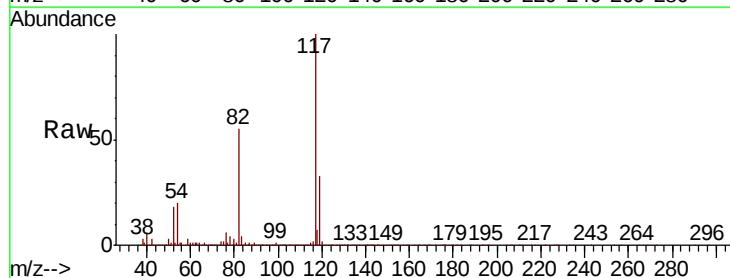
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

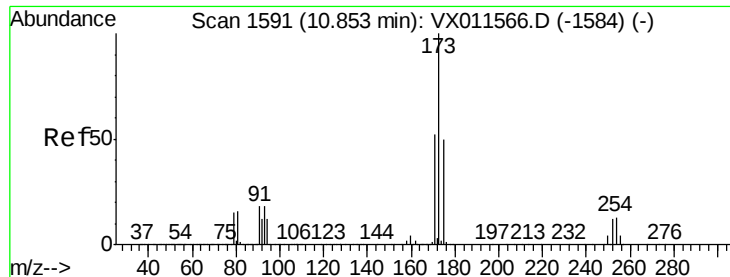
Tgt Ion	Ratio	Resp	Lower	Upper
95	100	218659		
174	93.2	0.0	200.6	
176	90.6	0.0	196.6	



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX011683.D
Acq: 20 Aug 2019 14:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	480890		
82	54.6	42.0	63.0	
119	33.0	26.5	39.7	





#71

Bromoform

Concen: 3.323 ug/l

RT: 10.87 min Scan# 1593

Delta R.T. 0.01 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

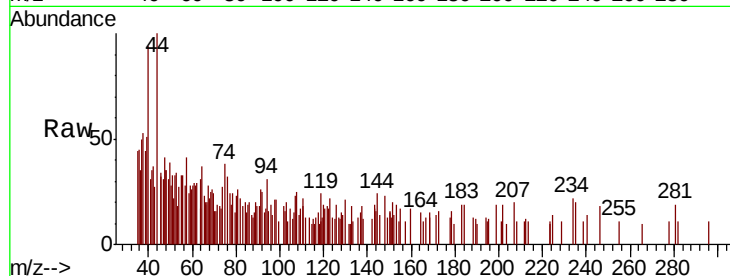
Tgt Ion:173 Resp: 124

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.7#

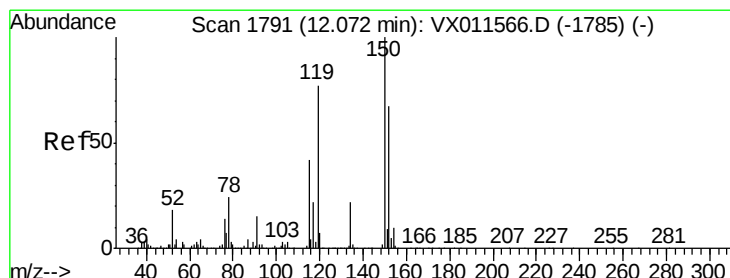
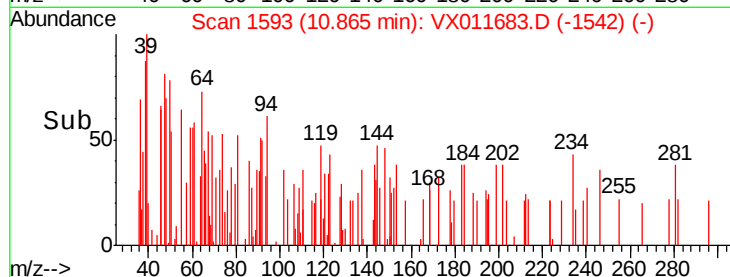
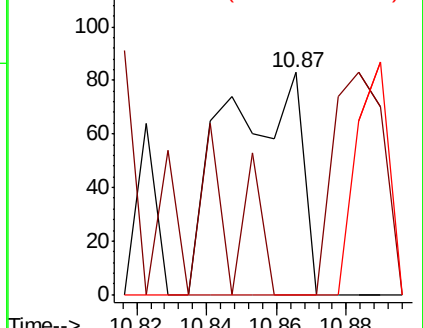
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

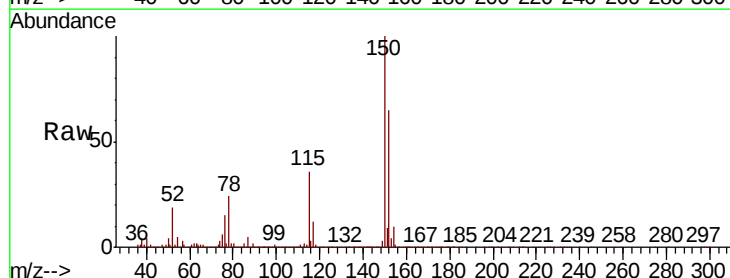
Tgt Ion:152 Resp: 233033

Ion Ratio Lower Upper

152 100

115 55.2 37.3 111.9

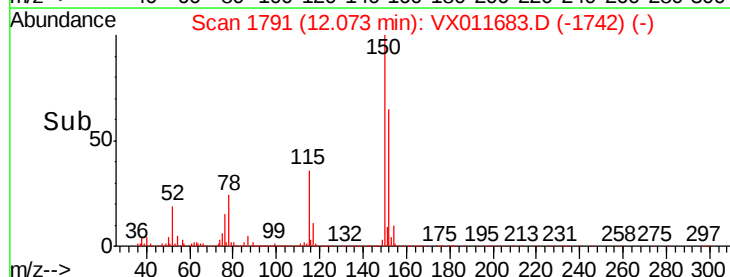
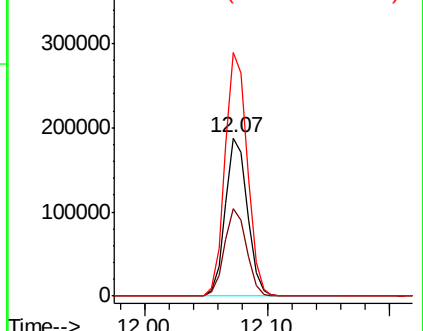
150 155.5 0.0 346.2

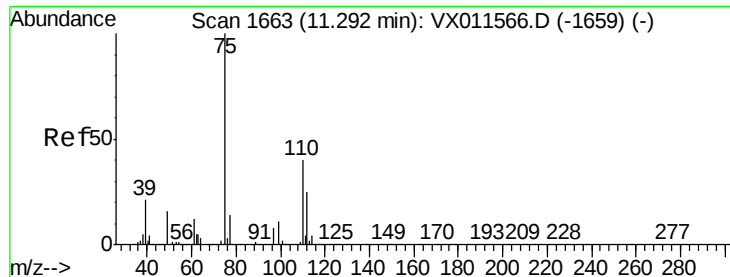


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 24.125 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

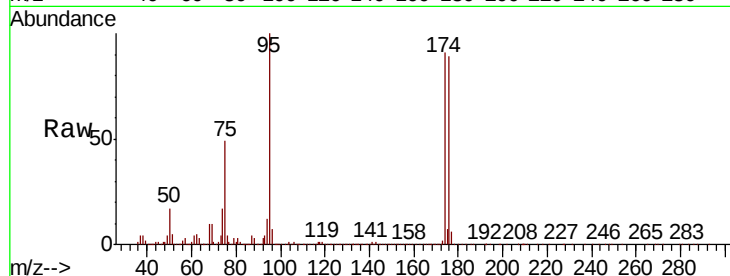
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 106606

Ion Ratio Lower Upper

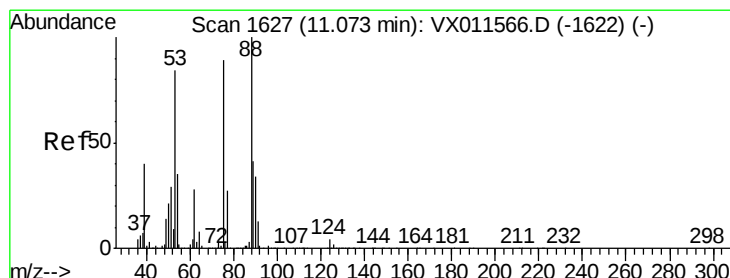
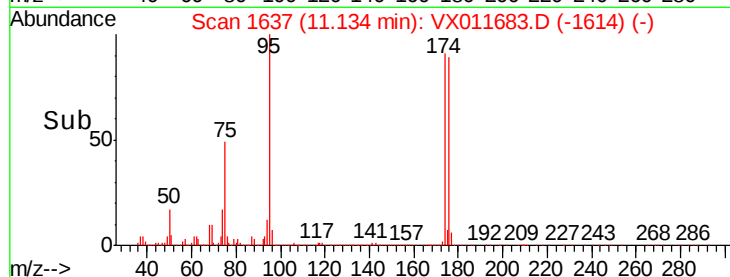
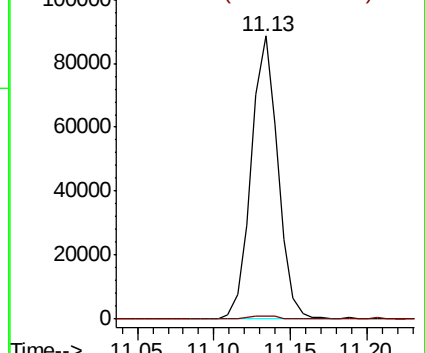
75 100

77 1.2 20.9 62.8#



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: 63.976 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX011683.D

Acq: 20 Aug 2019 14:38

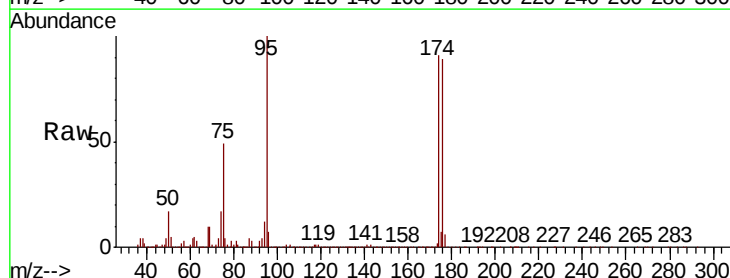
Tgt Ion: 75 Resp: 106606

Ion Ratio Lower Upper

75 100

53 0.2 77.4 116.0#

89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

