

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX021819\
 Data File : VX007581.D
 Acq On : 18 Feb 2019 11:58
 Operator : JC/SP
 Sample : K1507-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Feb 19 04:10:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	499505	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	781926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	712687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	335672	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	275155	51.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.80%	
35) Dibromofluoromethane	5.50	113	257208	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
50) Toluene-d8	8.71	98	916877	48.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.14%	
62) 4-Bromofluorobenzene	11.13	95	317161	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

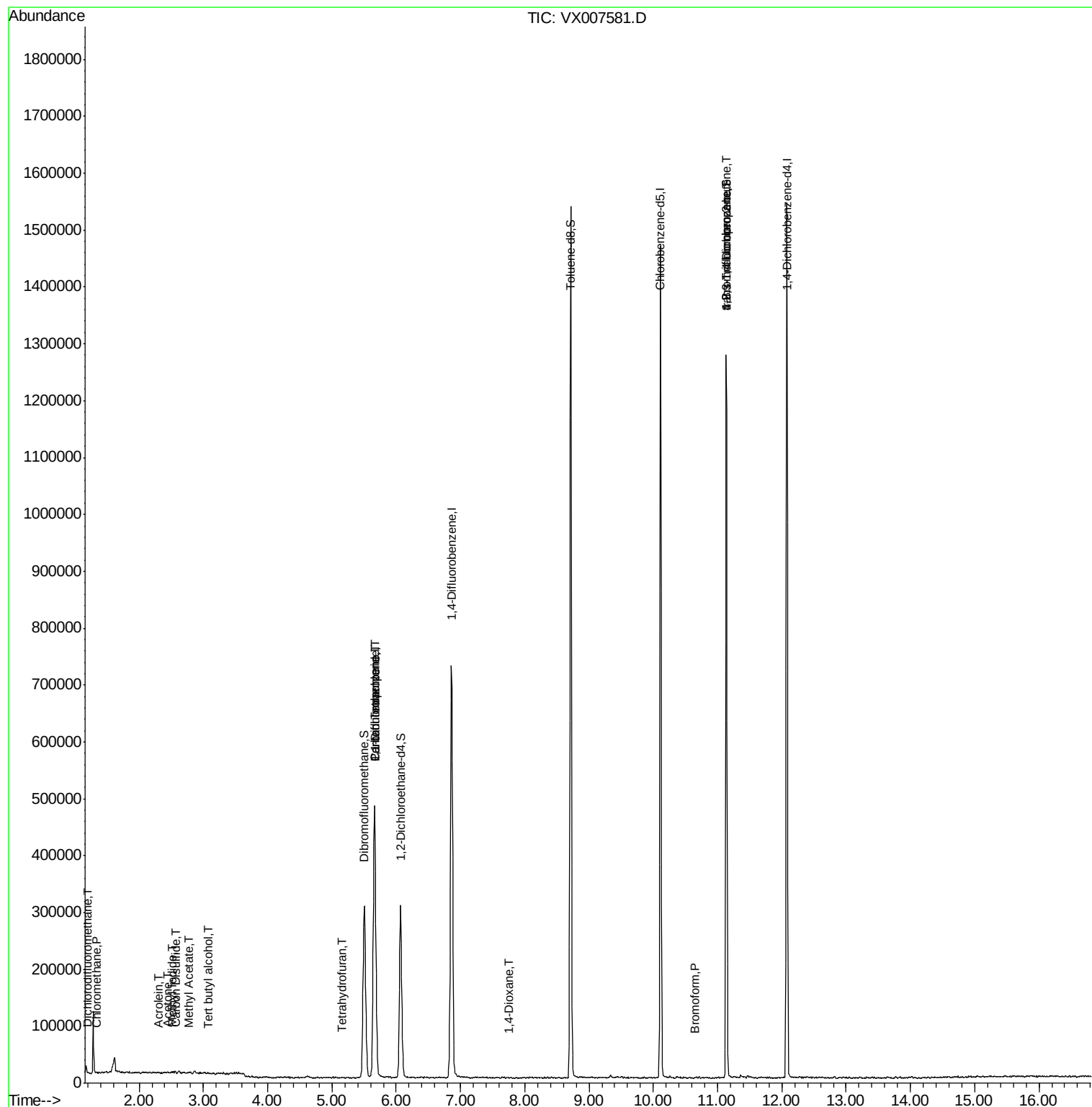
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	398	0.242	ug/l #	1
3) Chloromethane	1.33	50	1131	0.201	ug/l #	88
5) Bromomethane	1.65	94	1131	Below Cal	#	37
10) Methyl Iodide	2.52	142	1720	0.228	ug/l #	49
11) Tert butyl alcohol	3.09	59	333	0.303	ug/l #	1
13) Acrolein	2.30	56	123	0.239	ug/l #	1
16) Acetone	2.45	43	1525	0.628	ug/l	91
17) Carbon Disulfide	2.57	76	1884	2.266	ug/l #	82
18) Methyl Acetate	2.78	43	1629	0.848	ug/l #	53
20) Methylene Chloride	2.86	84	1946	Below Cal	#	77
29) Tetrahydrofuran	5.16	42	845	0.389	ug/l #	57
36) 1,1-Dichloropropene	5.67	75	32891	4.688	ug/l #	49
38) Carbon Tetrachloride	5.67	117	45650	6.707	ug/l #	16
49) 1,4-Dioxane	7.76	88	80	7.517	ug/l #	25
71) Bromoform	10.65	173	114	4.052	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	151521	23.207	ug/l #	33
81) trans-1,4-Dichloro-2-buten	11.13	75	151521	69.892	ug/l #	9

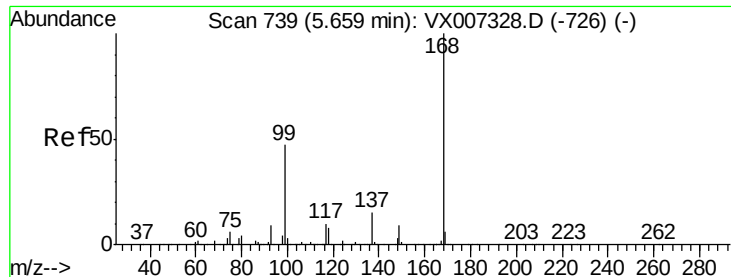
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX021819\
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Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

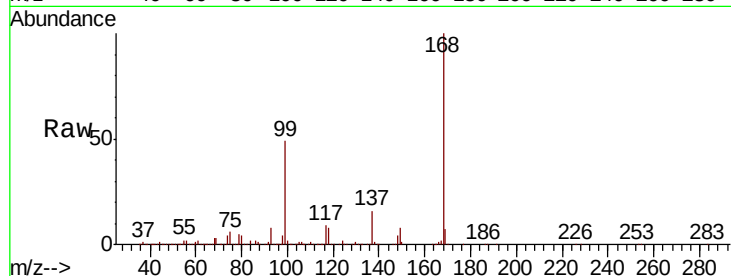
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 499505

Ion Ratio Lower Upper

168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

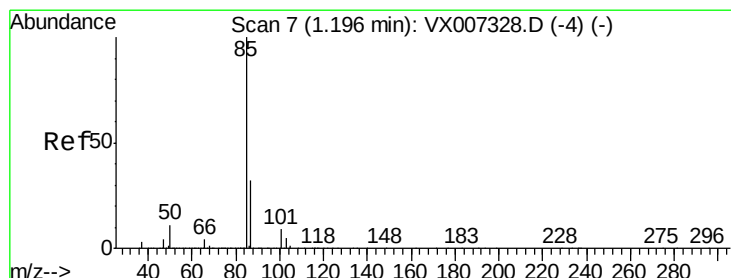
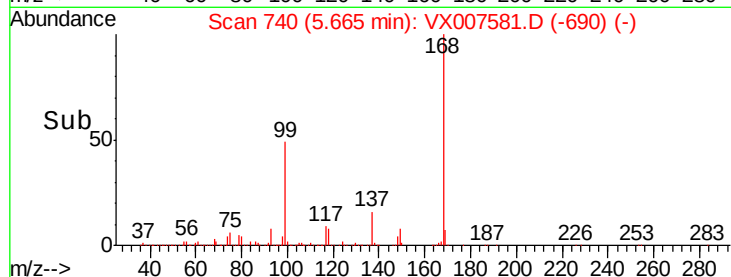
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.242 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007581.D

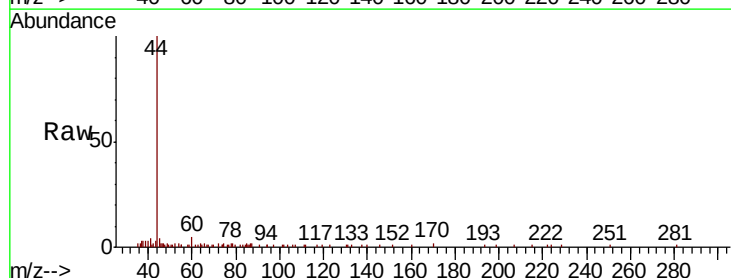
Acq: 18 Feb 2019 11:58

Tgt Ion: 85 Resp: 398

Ion Ratio Lower Upper

85 100

87 138.9 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300

250

200

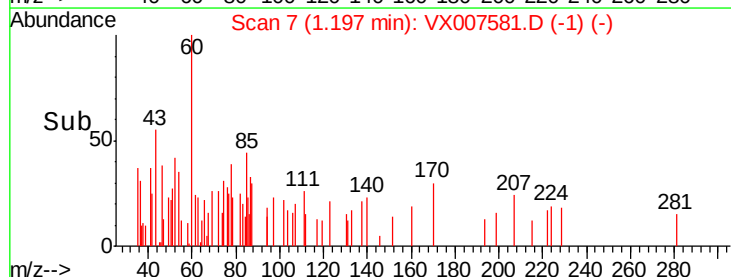
150

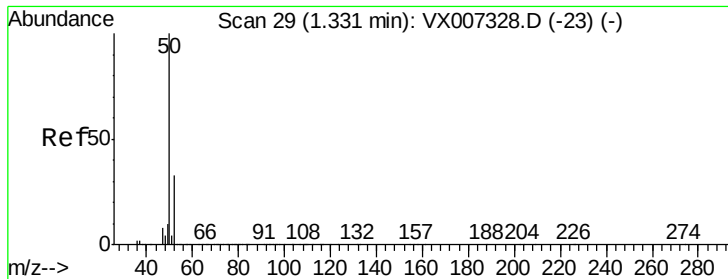
100

50

0

Time--> 1.18 1.20 1.22 1.24





#3

Chloromethane

Concen: 0.201 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

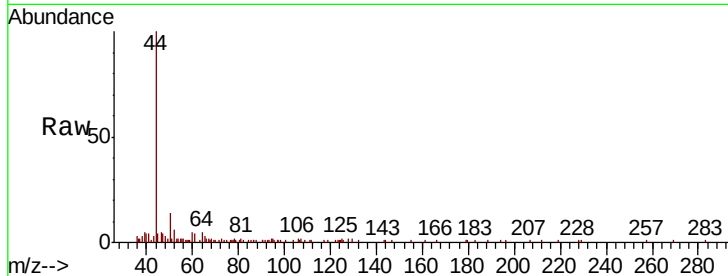
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 50 Resp: 1131

Ion Ratio Lower Upper

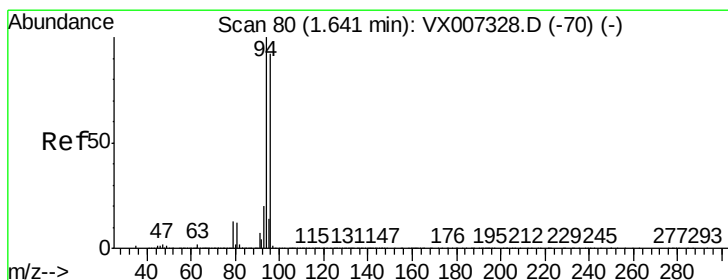
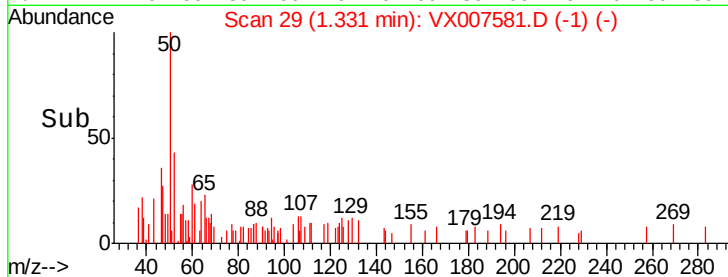
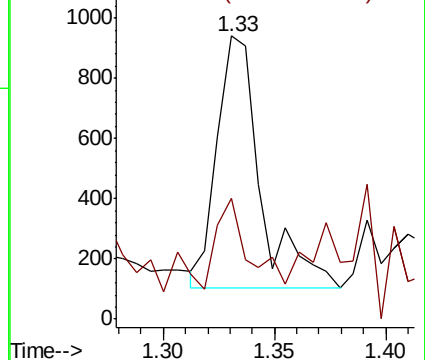
50 100

52 25.7 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007581.D

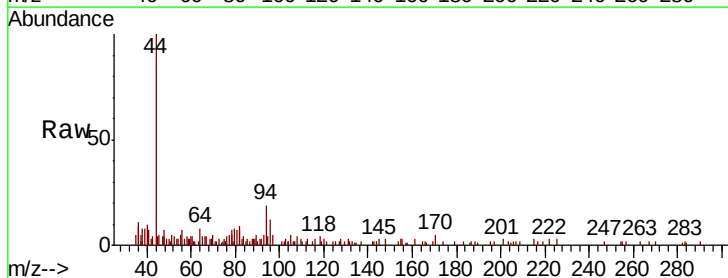
Acq: 18 Feb 2019 11:58

Tgt Ion: 94 Resp: 1131

Ion Ratio Lower Upper

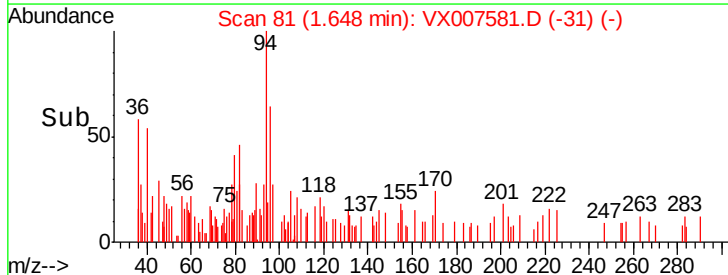
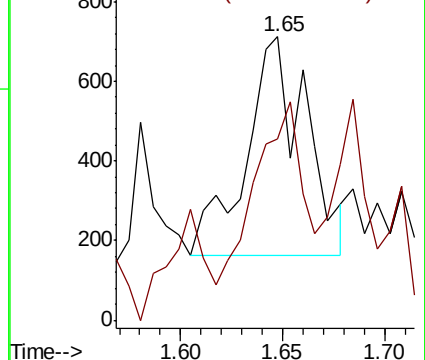
94 100

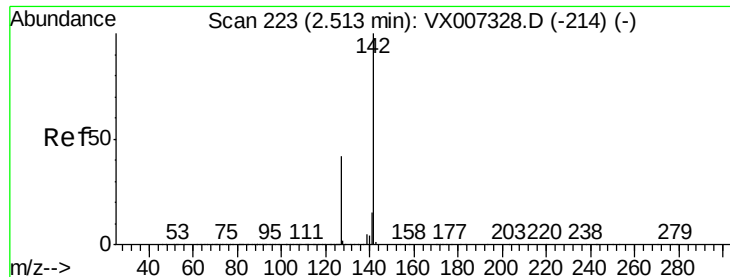
96 32.1 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

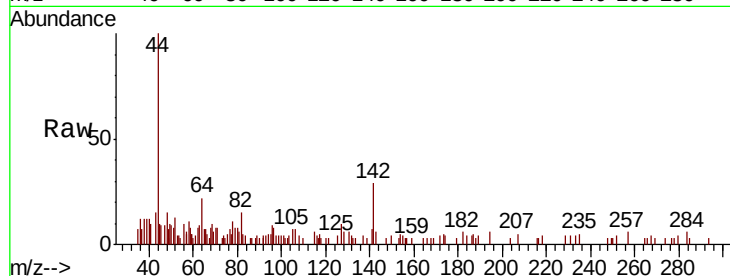




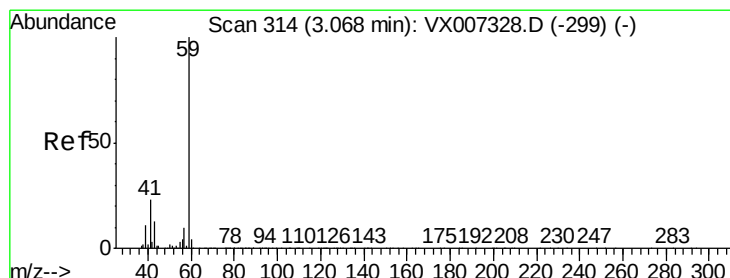
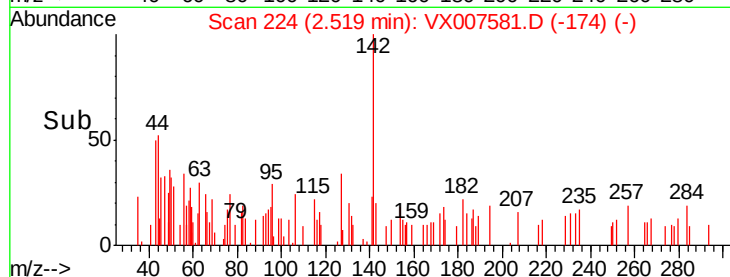
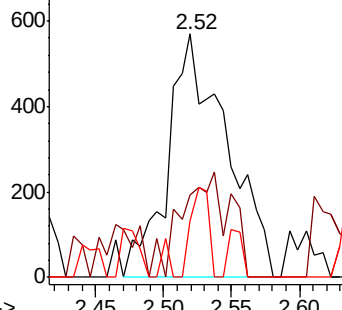
#10
Methyl Iodide
Concen: 0.228 ug/l
RT: 2.52 min Scan# 224
Delta R.T. 0.01 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

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

Tgt Ion: 142 Resp: 1720
Ion Ratio Lower Upper
142 100
127 0.0 33.7 50.5#
141 11.6 11.3 16.9

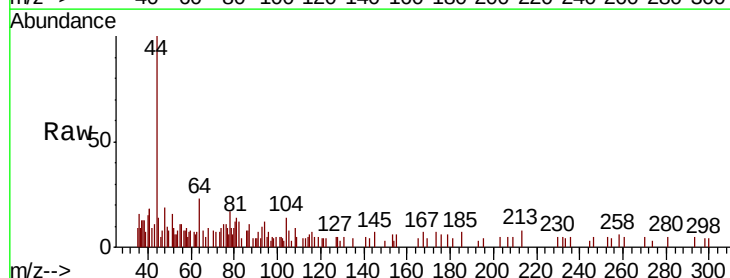


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

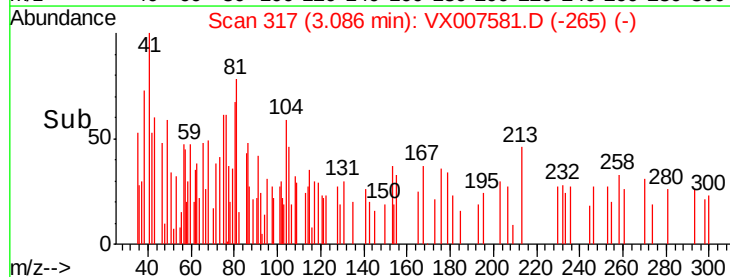
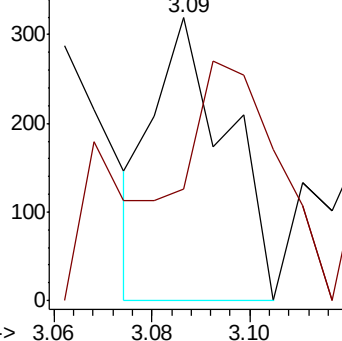


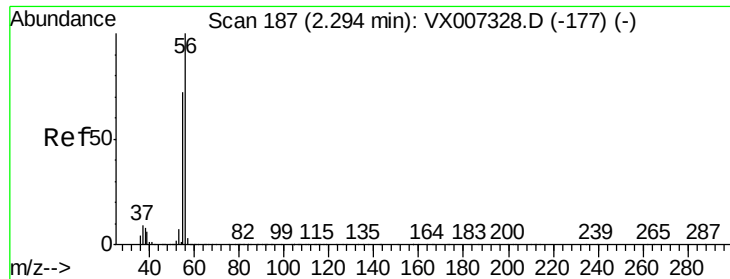
#11
Tert butyl alcohol
Concen: 0.303 ug/l
RT: 3.09 min Scan# 317
Delta R.T. 0.02 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion: 59 Resp: 333
Ion Ratio Lower Upper
59 100
57 146.5 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

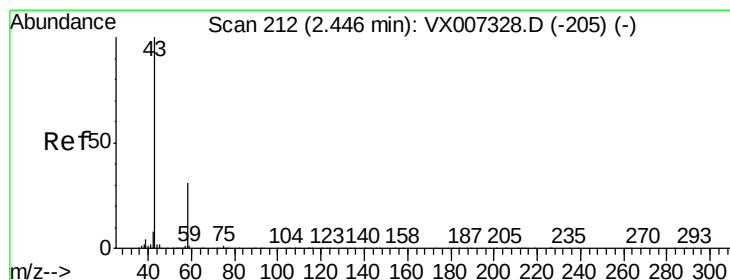
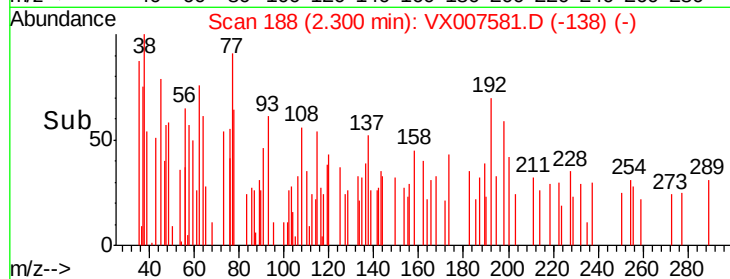
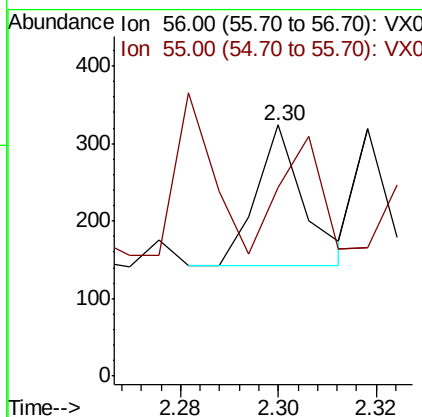
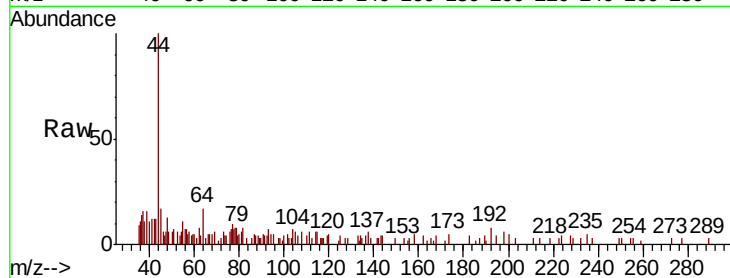




#13
Acrolein
Concen: 0.239 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.01 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

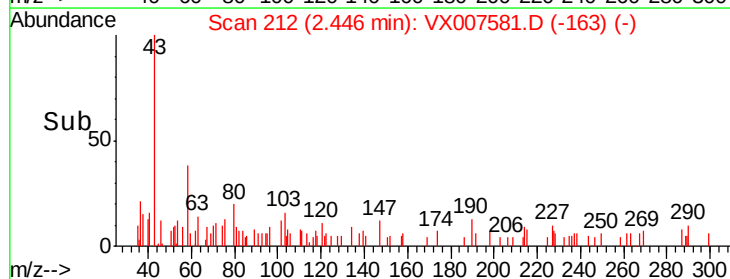
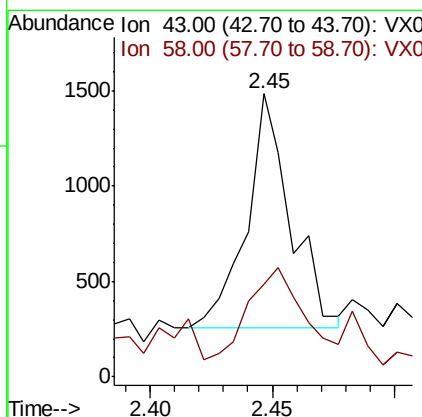
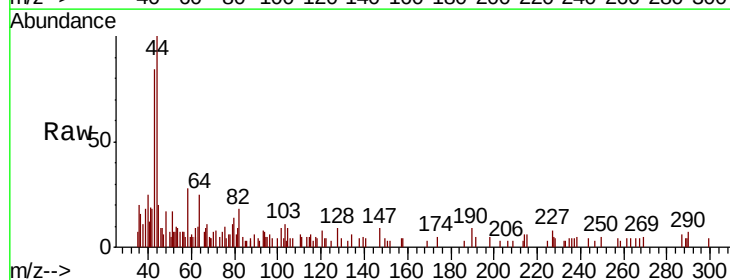
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

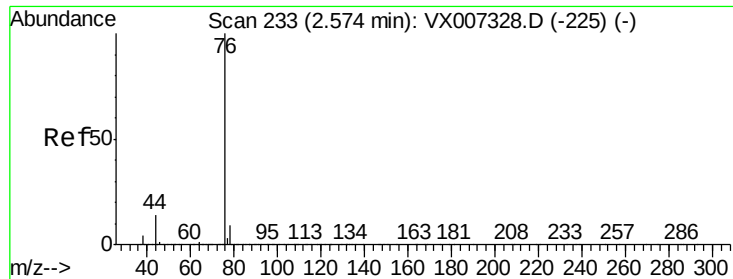
Tgt Ion: 56 Resp: 123
Ion Ratio Lower Upper
56 100
55 335.0 56.9 85.3#



#16
Acetone
Concen: 0.628 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 26.1 24.9 37.3

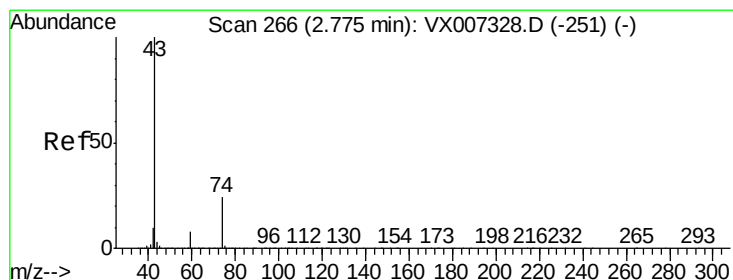
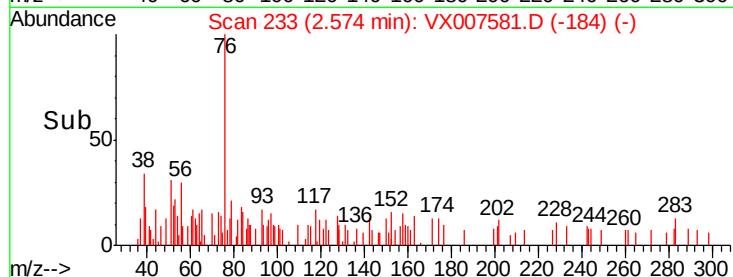
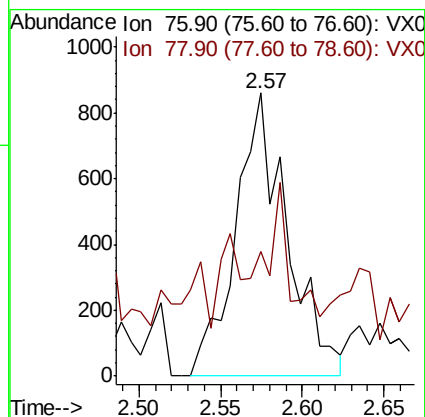
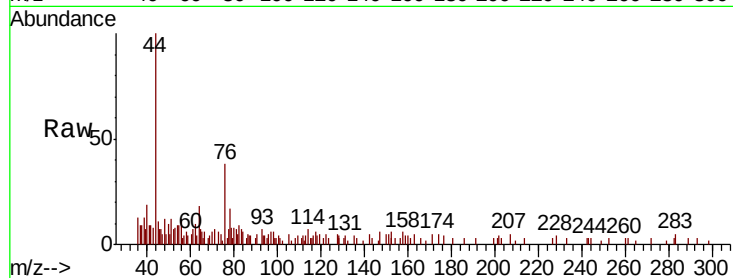




#17
Carbon Disulfide
Concen: 2.266 ug/l
RT: 2.57 min Scan# 233
Delta R.T. 0.00 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

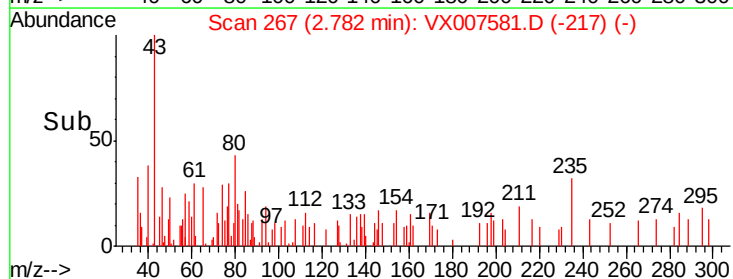
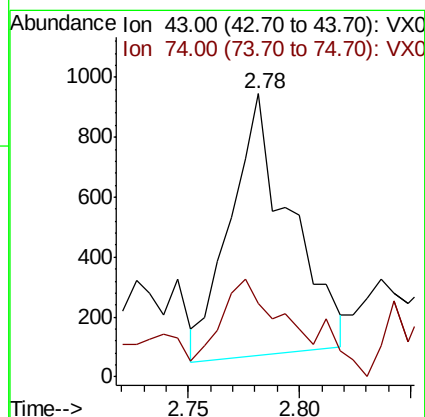
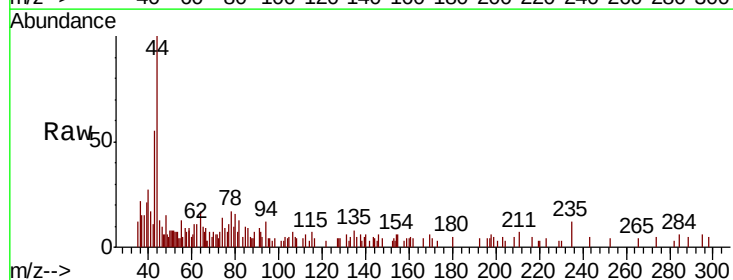
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

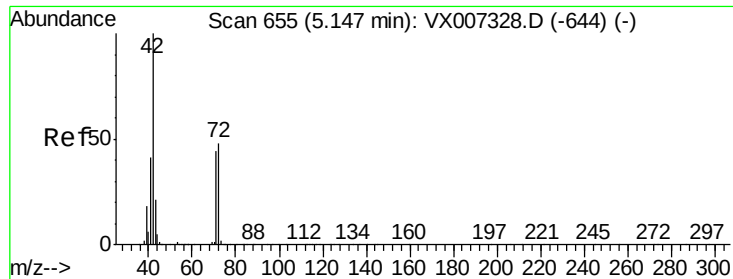
Tgt Ion: 76 Resp: 1884
Ion Ratio Lower Upper
76 100
78 15.3 7.1 10.7#



#18
Methyl Acetate
Concen: 0.848 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion: 43 Resp: 1629
Ion Ratio Lower Upper
43 100
74 47.6 19.4 29.2#

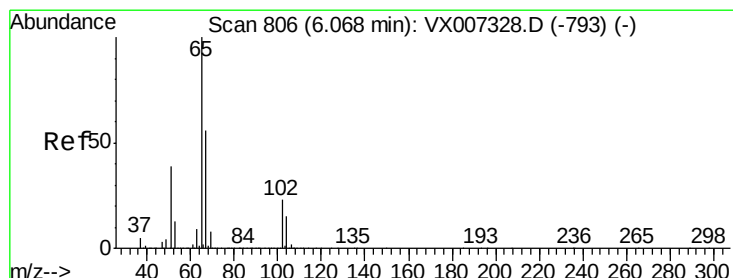
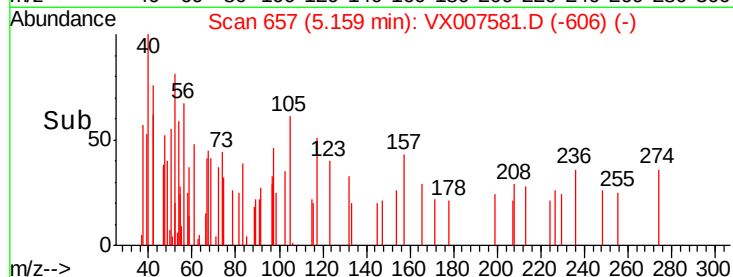
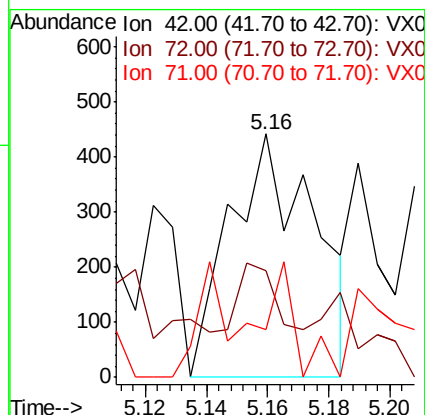
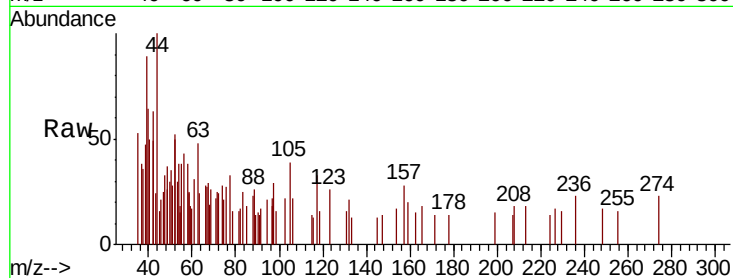




#29
Tetrahydrofuran
Concen: 0.389 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

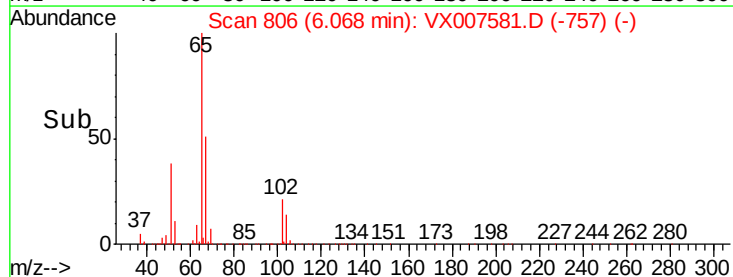
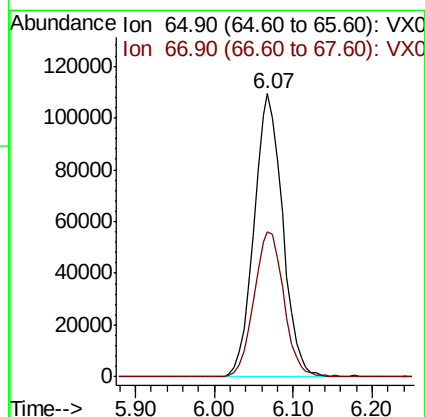
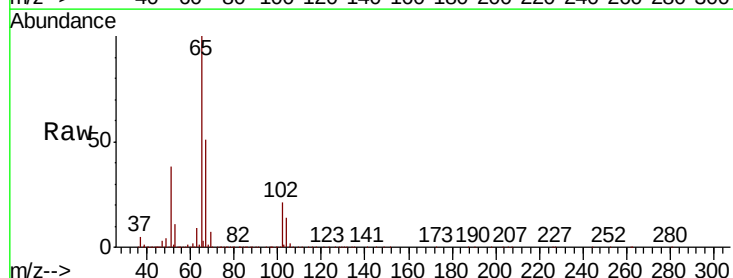
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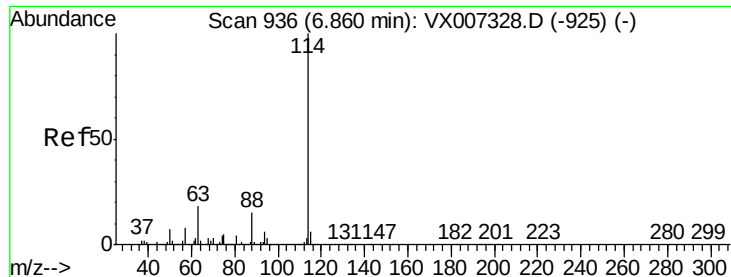
Tgt Ion: 42 Resp: 845
Ion Ratio Lower Upper
42 100
72 21.9 37.6 56.4#
71 12.3 34.6 51.8#



#33
1,2-Dichloroethane-d4
Concen: 51.898 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion: 65 Resp: 275155
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.8

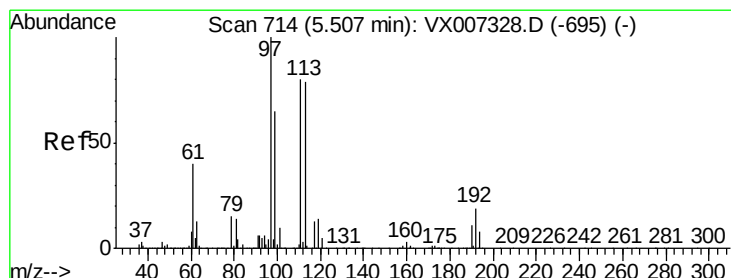
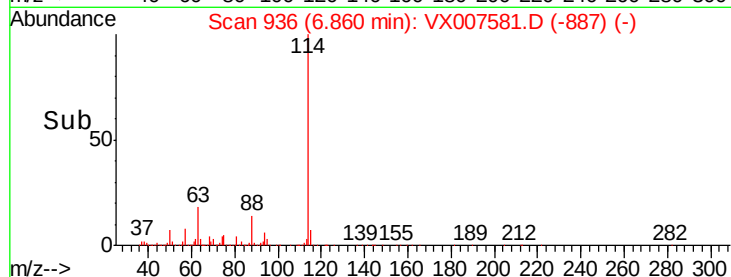
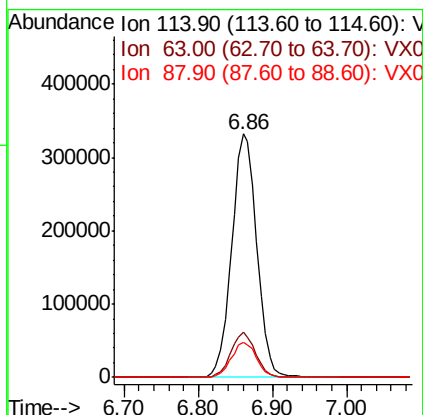
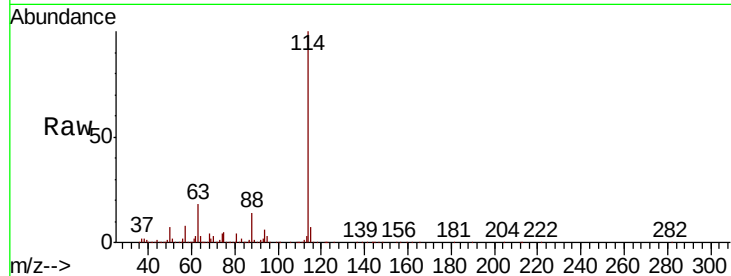




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

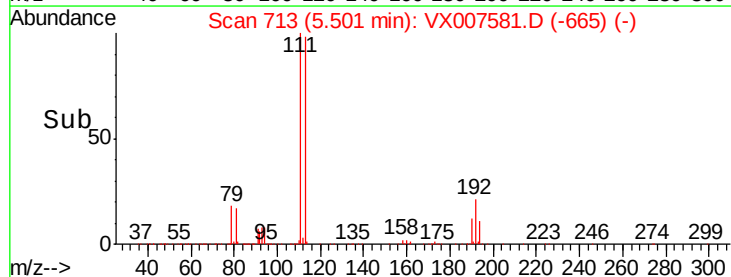
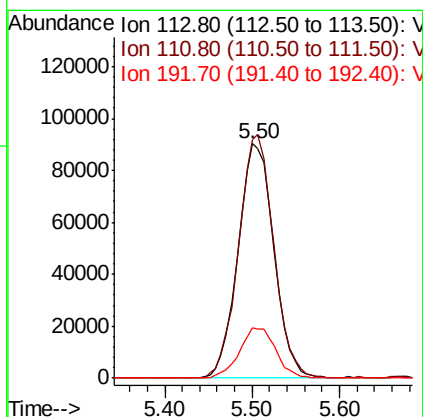
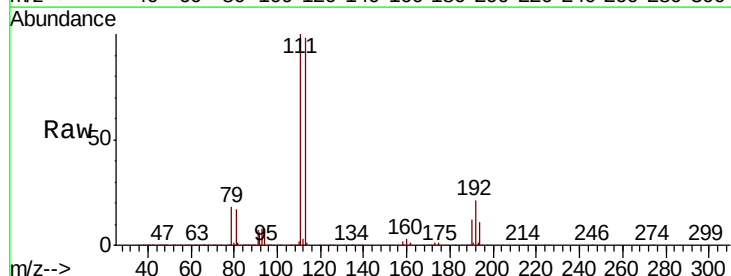
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

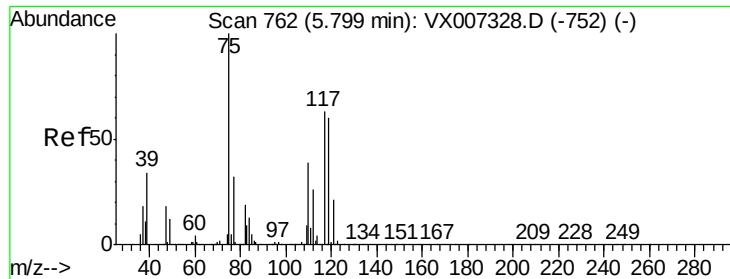
Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	35.6
88	14.4	0.0	29.6



#35
Dibromofluoromethane
Concen: 50.555 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.01 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.8	122.8
192	21.6	18.5	27.7





#36

1,1-Dichloropropene

Concen: 4.688 ug/l

RT: 5.67 min Scan# 741

Delta R.T. -0.13 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

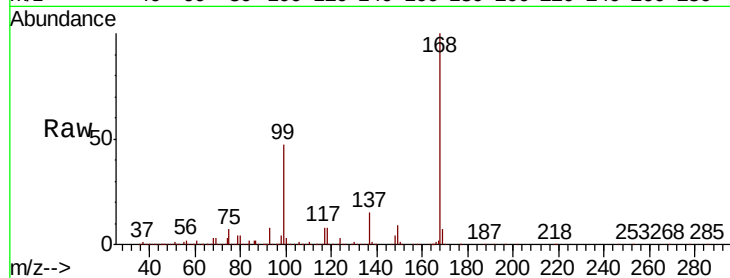
Tgt Ion: 75 Resp: 32891

Ion Ratio Lower Upper

75 100

110 10.4 20.0 59.9#

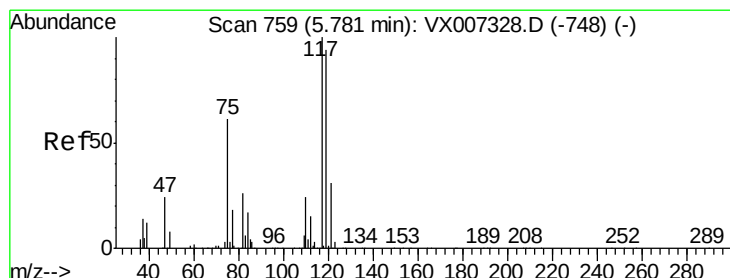
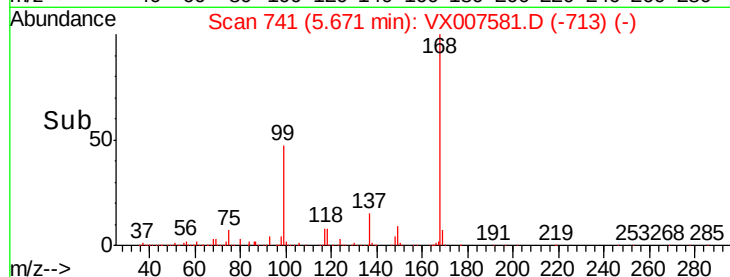
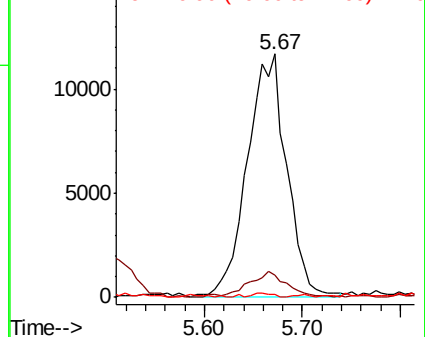
77 0.8 24.7 37.1#



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: 6.707 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

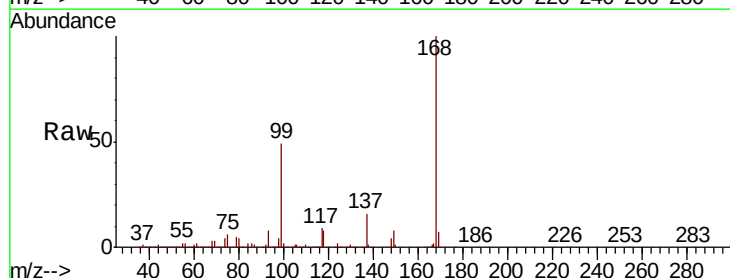
Tgt Ion: 117 Resp: 45650

Ion Ratio Lower Upper

117 100

119 4.7 75.3 112.9#

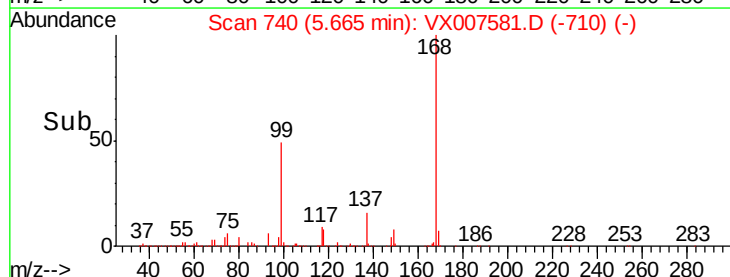
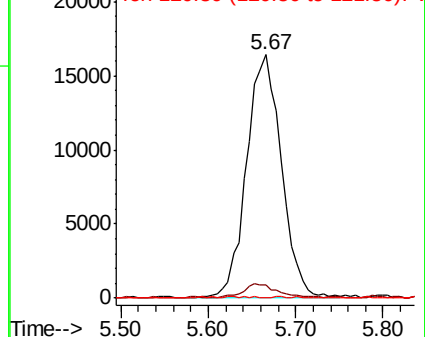
121 0.0 25.0 37.4#

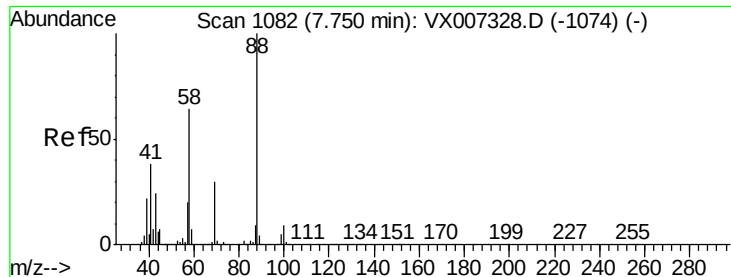


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

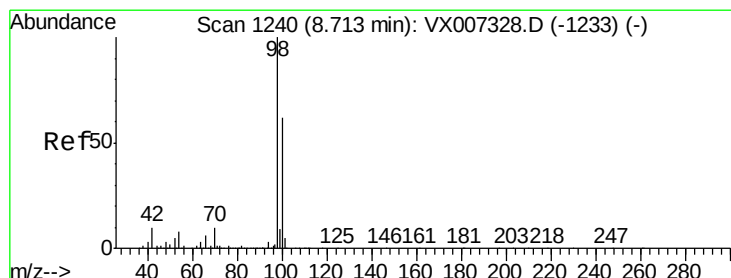
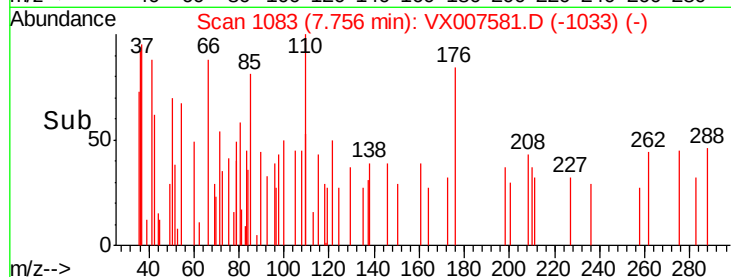
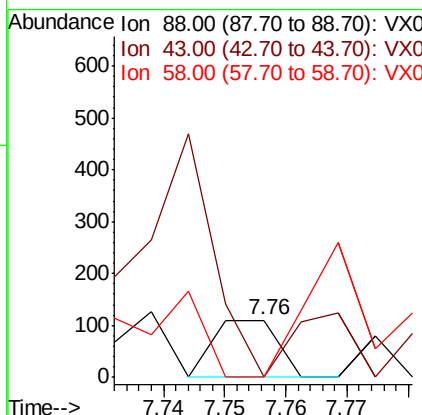
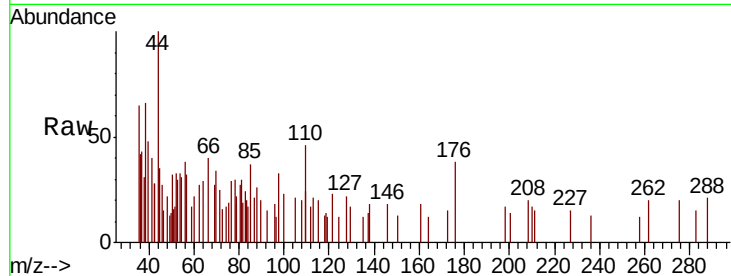




#49
1,4-Dioxane
Concen: 7.517 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

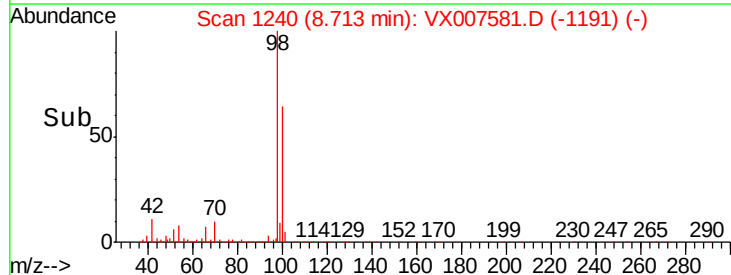
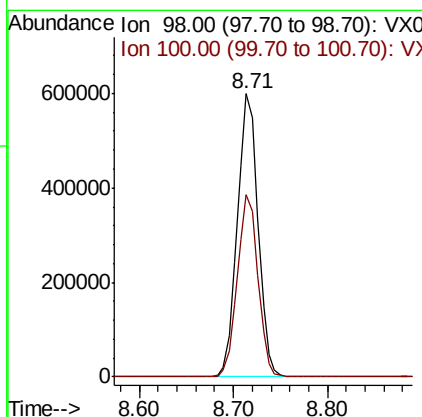
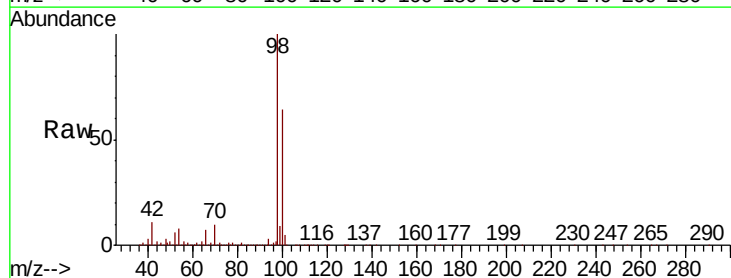
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

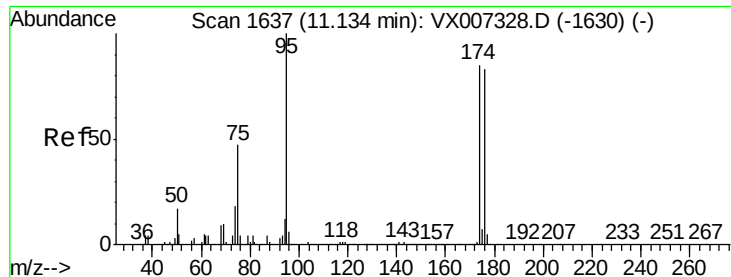
Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
43 0.0 24.2 36.4#
58 0.0 53.0 79.4#



#50
Toluene-d8
Concen: 48.573 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion: 98 Resp: 916877
Ion Ratio Lower Upper
98 100
100 63.9 51.6 77.4





#62

4-Bromofluorobenzene

Concen: 46.020 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

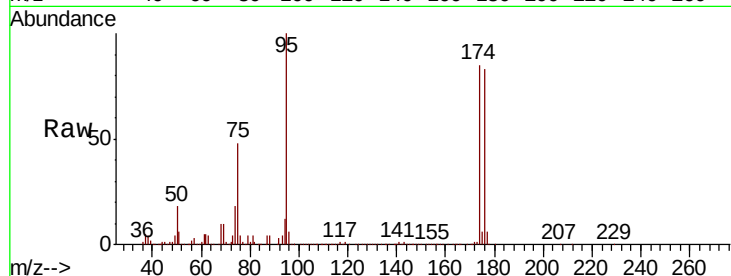
Tgt Ion: 95 Resp: 317161

Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

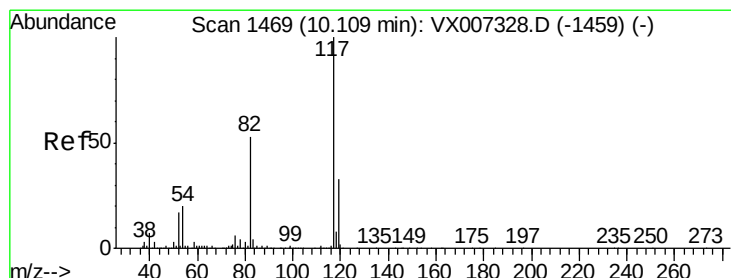
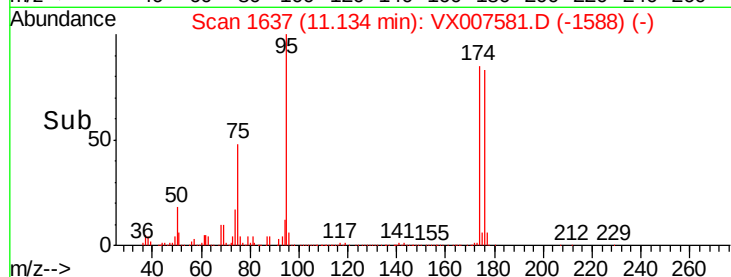
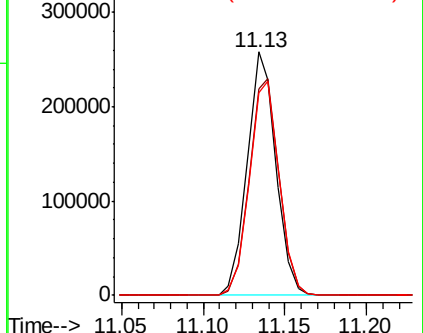
176 91.4 0.0 186.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

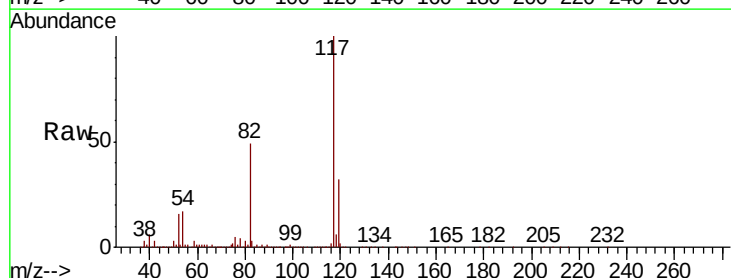
Tgt Ion: 117 Resp: 712687

Ion Ratio Lower Upper

117 100

82 49.3 42.1 63.1

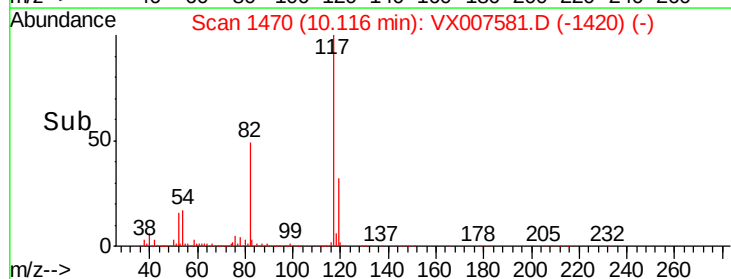
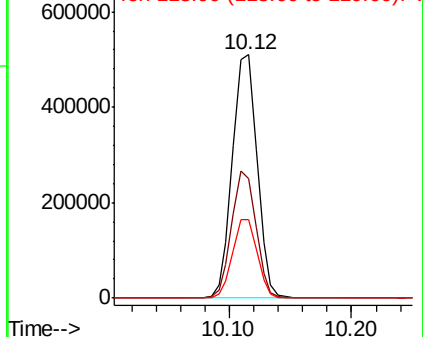
119 32.4 26.5 39.7

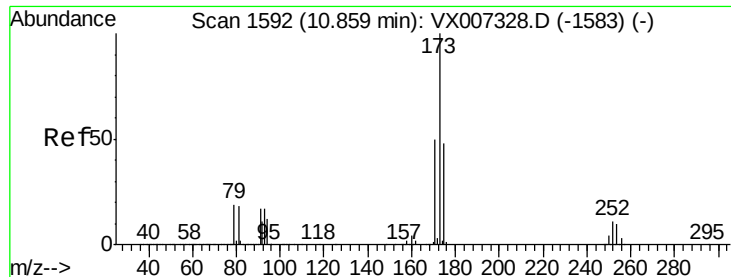


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

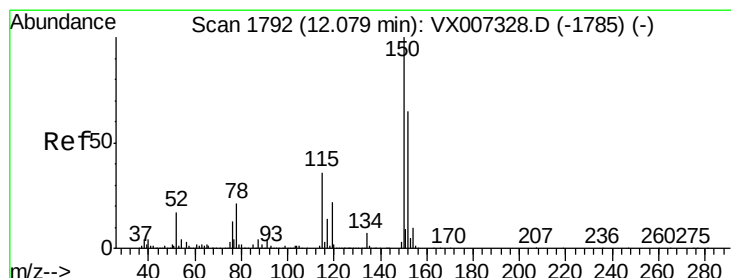
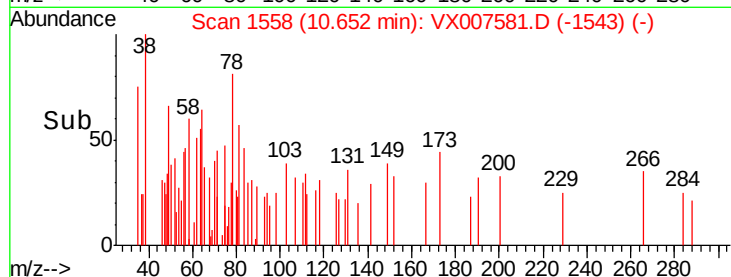
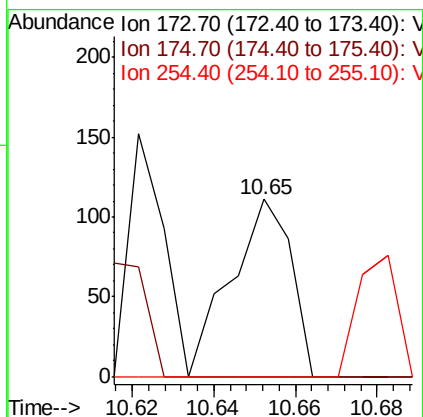
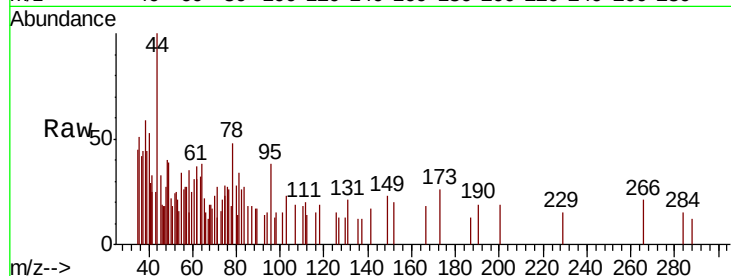




#71
Bromoform
Concen: 4.052 ug/l
RT: 10.65 min Scan# 1558
Delta R.T. -0.21 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

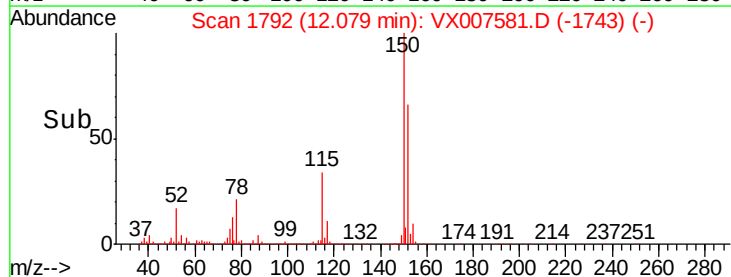
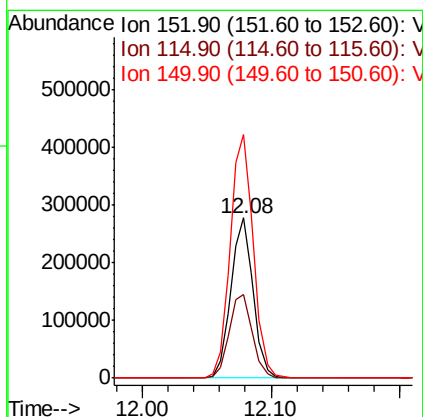
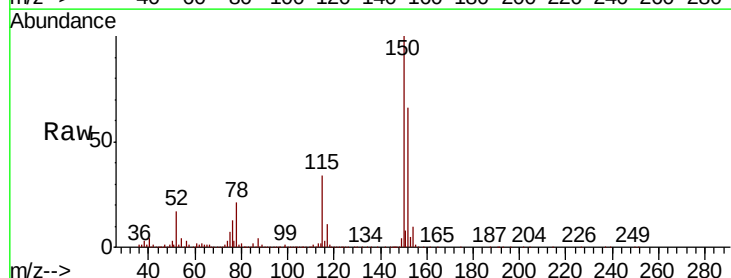
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

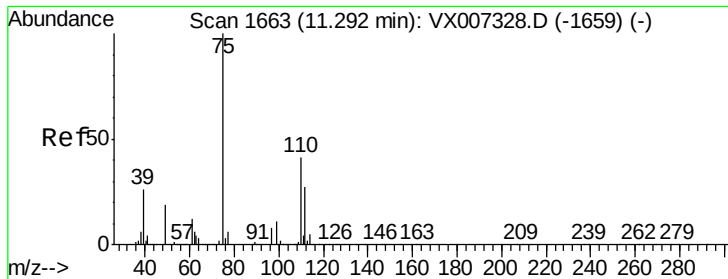
Tgt Ion:173 Resp: 114
Ion Ratio Lower Upper
173 100
175 0.0 24.2 72.6#
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007581.D
Acq: 18 Feb 2019 11:58

Tgt Ion:152 Resp: 335672
Ion Ratio Lower Upper
152 100
115 54.9 38.0 114.0
150 157.4 0.0 346.4





#76

1,2,3-Trichloropropane

Concen: 23.207 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

Instrument :

MSVOA_X

ClientSampleId :

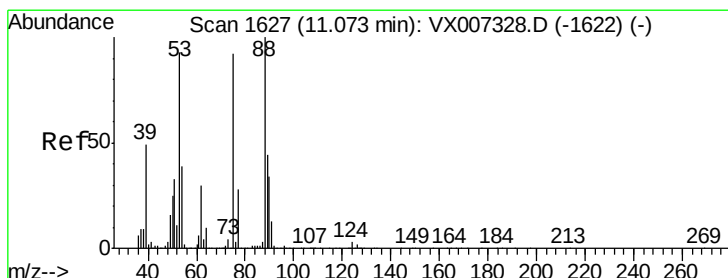
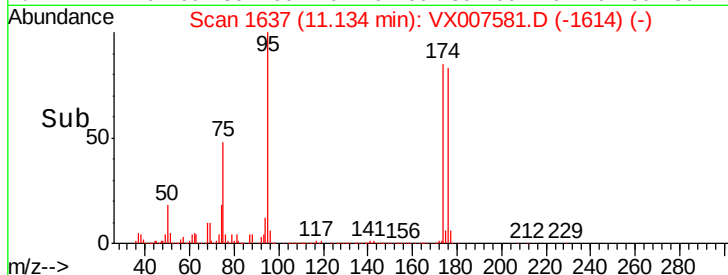
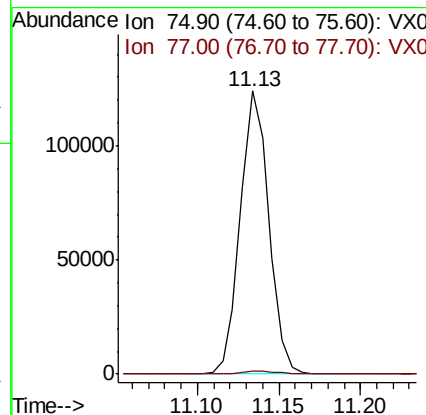
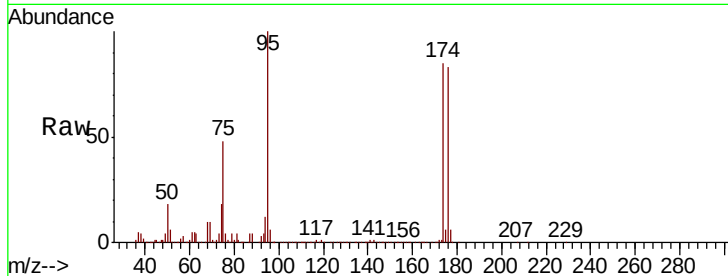
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 151521

Ion Ratio Lower Upper

75 100

77 1.5 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 69.892 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007581.D

Acq: 18 Feb 2019 11:58

Tgt Ion: 75 Resp: 151521

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.1 41.4 62.0#

