

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
 Data File : VX006857.D
 Acq On : 28 Dec 2018 13:27
 Operator : JC/MD
 Sample : J6592-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Dec 28 22:58:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	684995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1028774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	934783	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	460238	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	350730	47.51	ug/l	0.00
Spiked Amount			Recovery	=	95.02%	
35) Dibromofluoromethane	5.51	113	308688	47.45	ug/l	0.00
Spiked Amount			Recovery	=	94.90%	
50) Toluene-d8	8.71	98	1206215	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	
62) 4-Bromofluorobenzene	11.13	95	431548	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

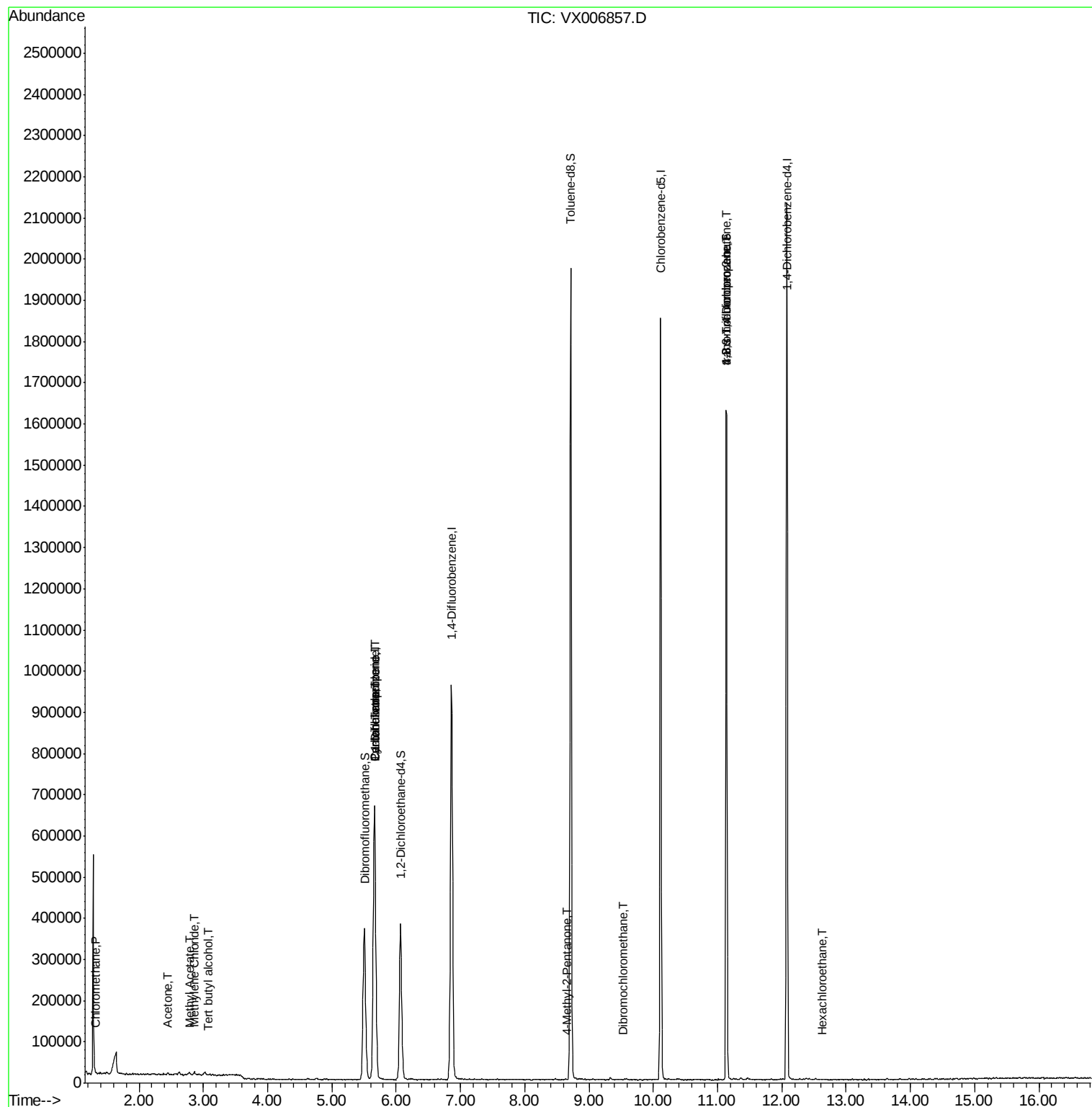
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	1644	0.244	ug/l	98
5) Bromomethane	1.64	94	2780	Below Cal	#	79
11) Tert butyl alcohol	3.07	59	422	0.256	ug/l #	1
16) Acetone	2.45	43	4913	1.448	ug/l	98
18) Methyl Acetate	2.78	43	5906	0.592	ug/l	94
20) Methylene Chloride	2.86	84	2732	0.390	ug/l #	73
28) Bromochloromethane	5.03	49	392	Below Cal	#	21
31) Cyclohexane	5.67	56	12221	1.196	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	43904	5.153	ug/l #	39
38) Carbon Tetrachloride	5.67	117	62603	7.560	ug/l #	14
49) 1,4-Dioxane	7.76	88	149	Below Cal	#	1
51) 4-Methyl-2-Pentanone	8.65	43	1922	0.224	ug/l #	36
60) Dibromochloromethane	9.53	129	23	2.327	ug/l	80
76) 1,2,3-Trichloropropane	11.13	75	203853	23.834	ug/l #	40
81) trans-1,4-Dichloro-2-buten	11.13	75	203853	70.625	ug/l #	10
90) Hexachloroethane	12.62	117	114	3.318	ug/l #	6

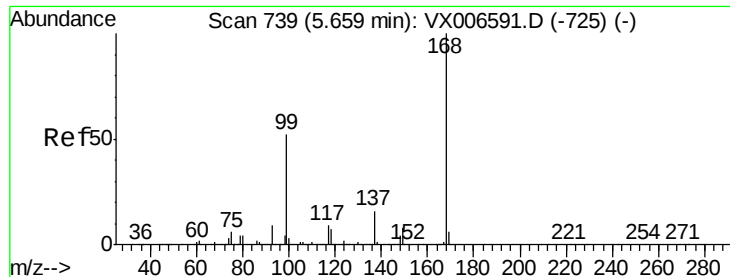
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX122818\
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Quant Time: Dec 28 22:58:25 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
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: VX006857.D

Acq: 28 Dec 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

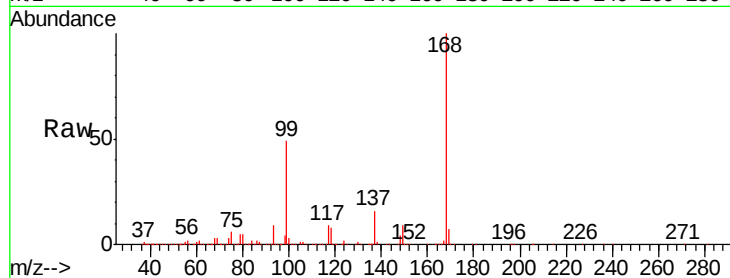
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 684995

Ion Ratio Lower Upper

168 100

99 49.1 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

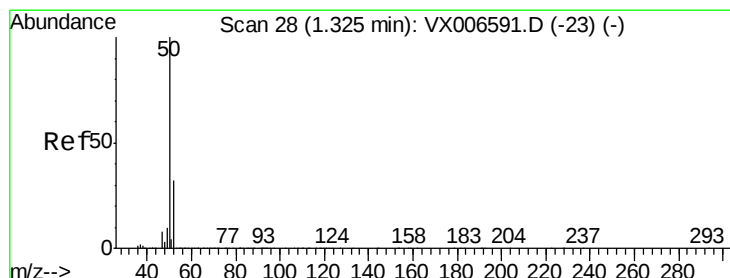
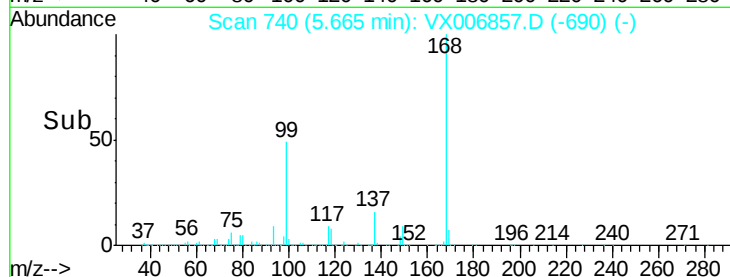
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.244 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX006857.D

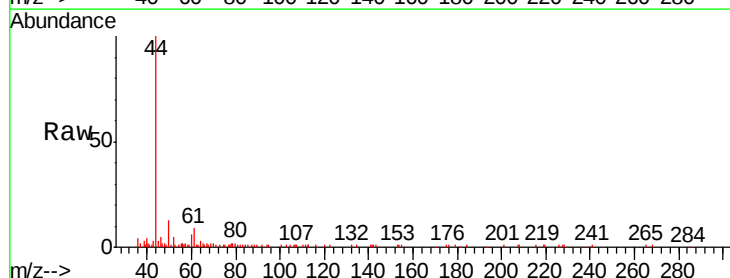
Acq: 28 Dec 2018 13:27

Tgt Ion: 50 Resp: 1644

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

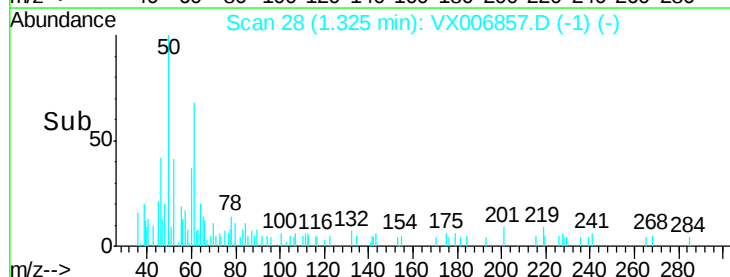
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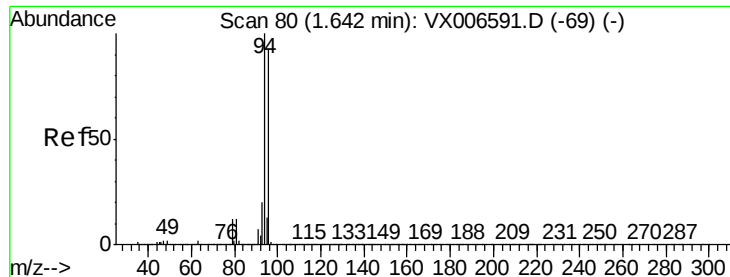
1000

500

0

Time-->





#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

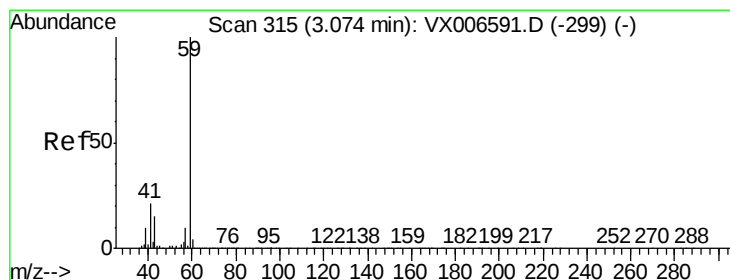
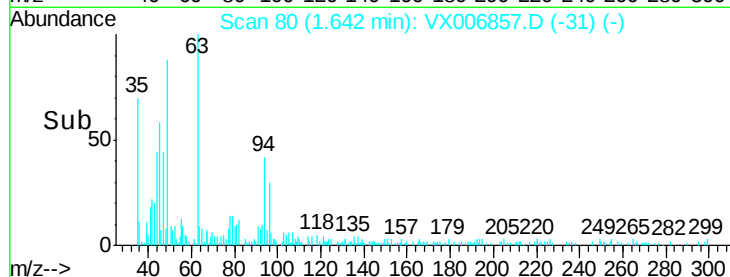
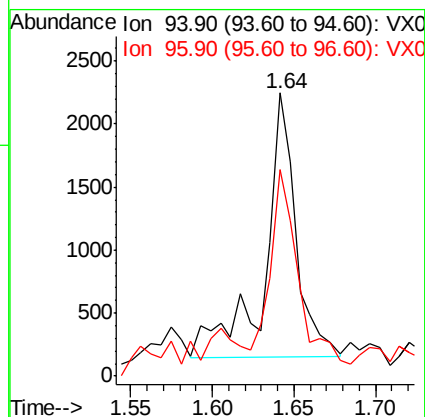
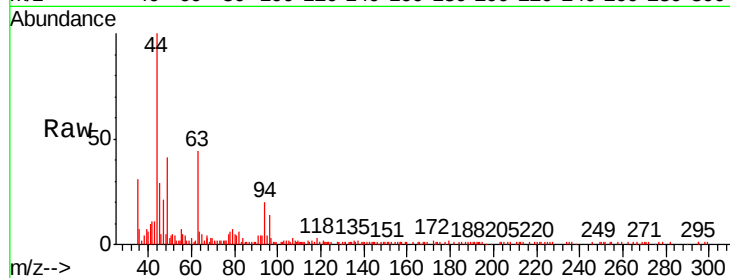
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 94 Resp: 2780

Ion Ratio Lower Upper

94 100

96 72.2 73.4 110.2#



#11

Tert butyl alcohol

Concen: 0.256 ug/l

RT: 3.07 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX006857.D

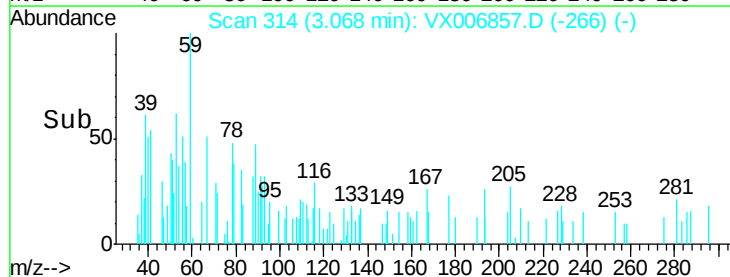
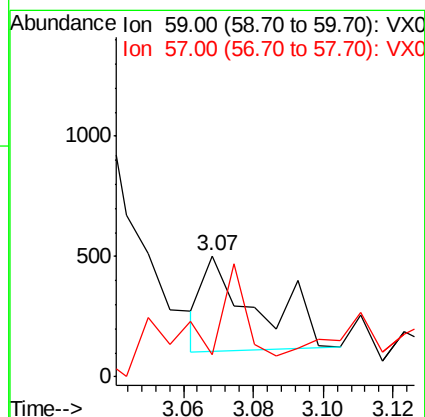
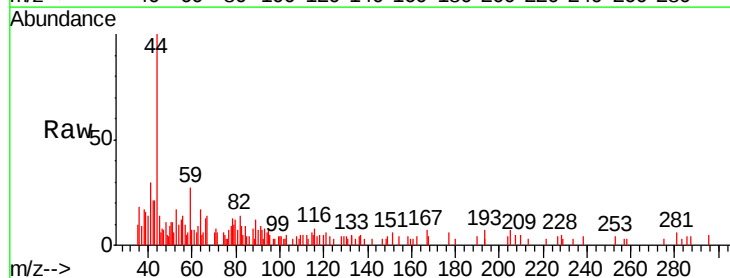
Acq: 28 Dec 2018 13:27

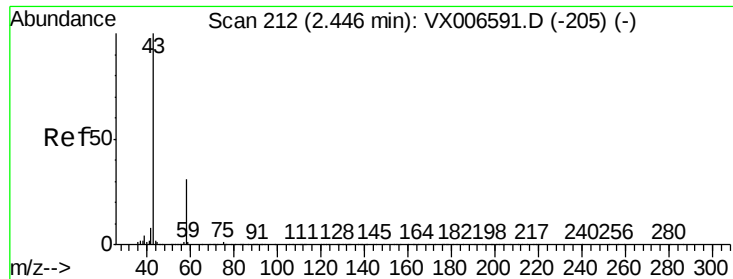
Tgt Ion: 59 Resp: 422

Ion Ratio Lower Upper

59 100

57 121.3 8.5 12.7#

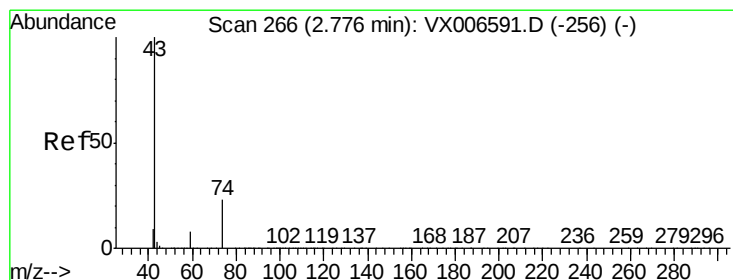
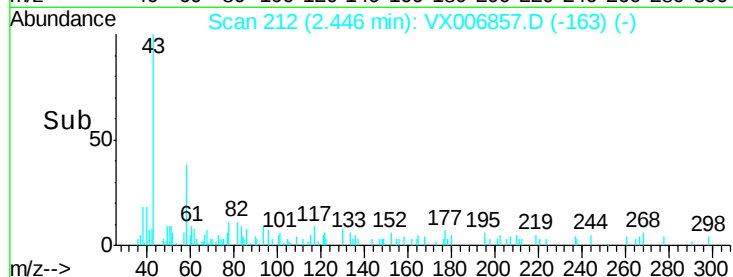
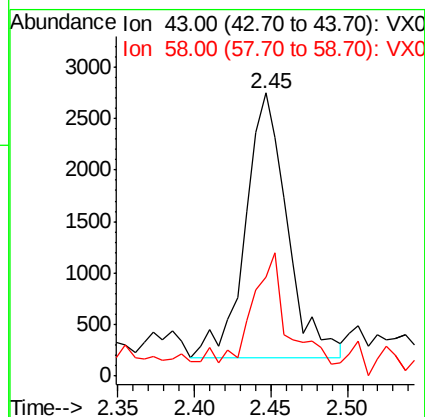
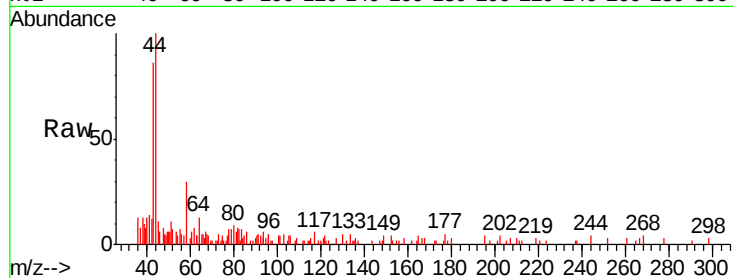




#16
Acetone
Concen: 1.448 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

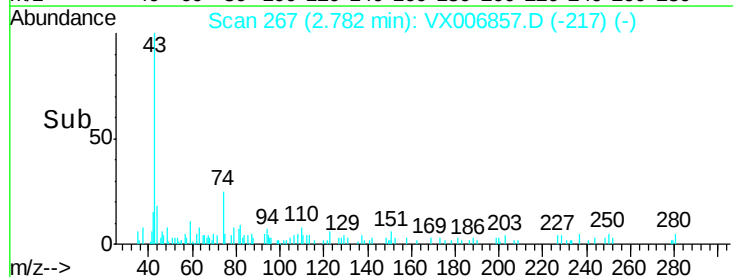
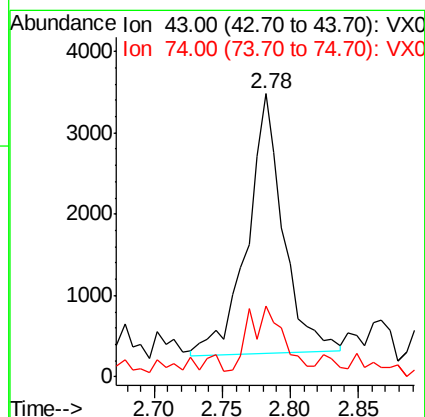
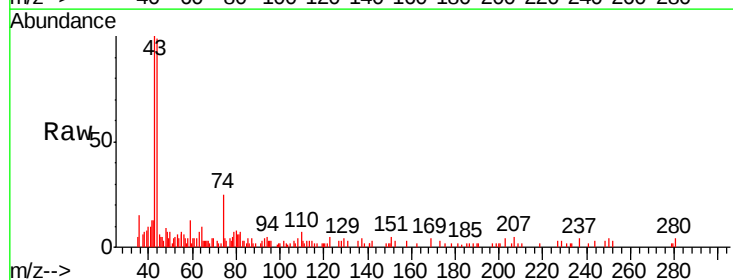
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

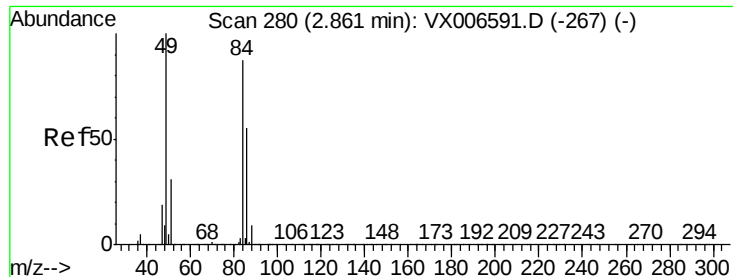
Tgt Ion: 43 Resp: 4913
Ion Ratio Lower Upper
43 100
58 32.4 25.0 37.6



#18
Methyl Acetate
Concen: 0.592 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

Tgt Ion: 43 Resp: 5906
Ion Ratio Lower Upper
43 100
74 26.2 18.6 28.0

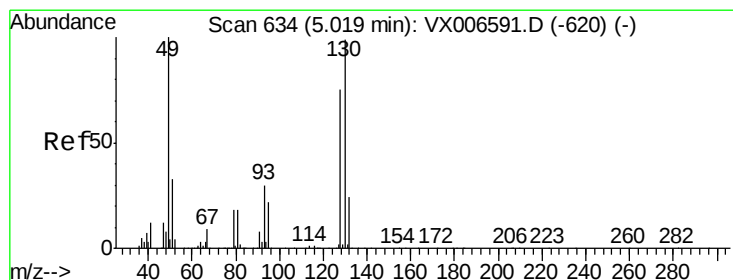
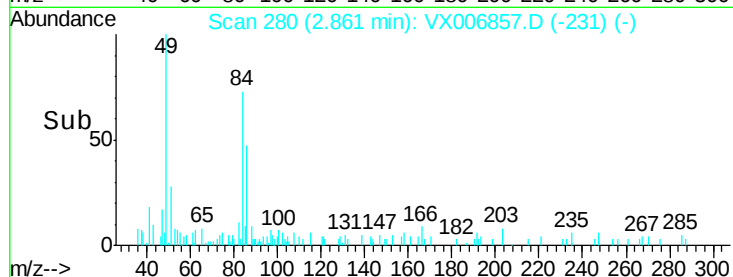
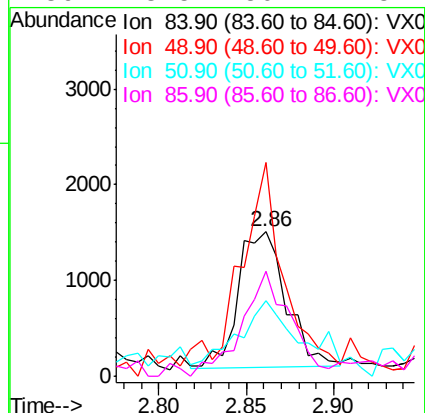
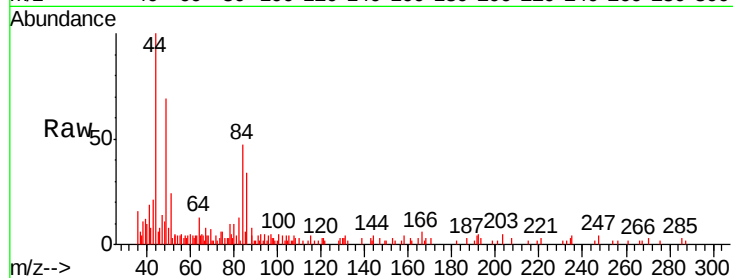




#20
Methylene Chloride
Concen: 0.390 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

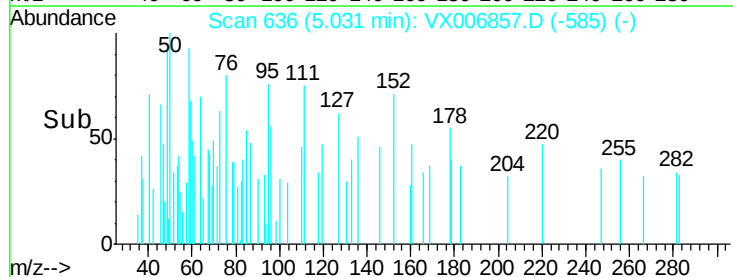
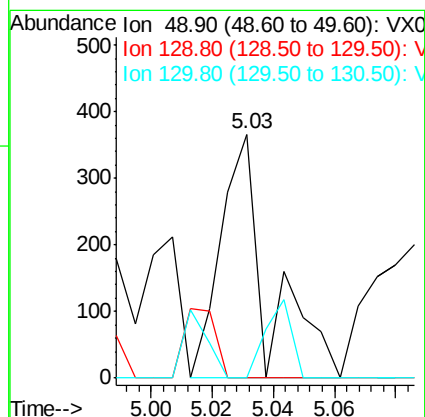
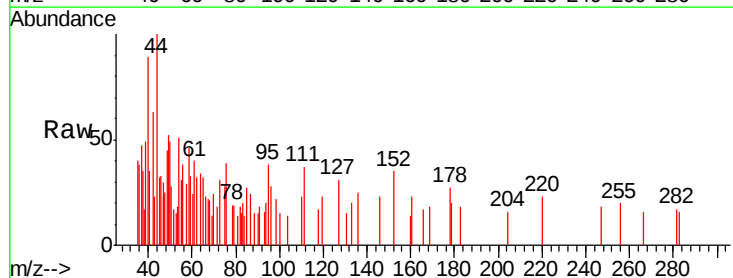
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

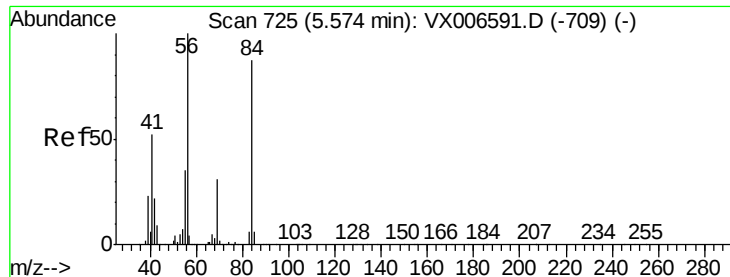
Tgt Ion:	84	Resp:	2732
Ion	Ratio	Lower	Upper
84	100		
49	150.4	91.8	137.6#
51	47.1	28.5	42.7#
86	78.5	50.2	75.2#



#28
Bromochloromethane
Concen: Below Cal
RT: 5.03 min Scan# 636
Delta R.T. 0.01 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

Tgt Ion:	49	Resp:	392
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	5.4
130	17.6	77.7	116.5#

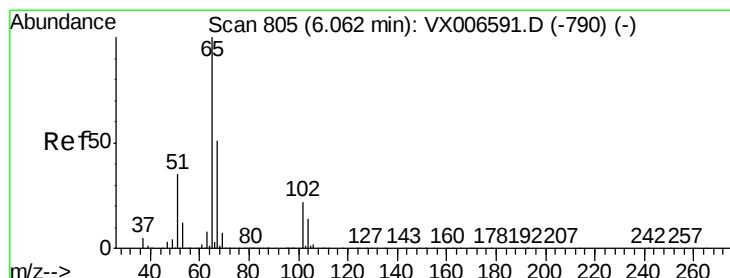
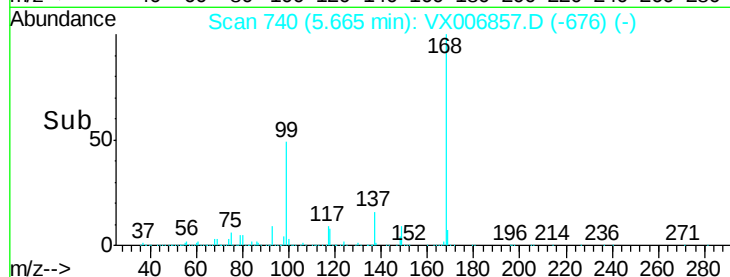
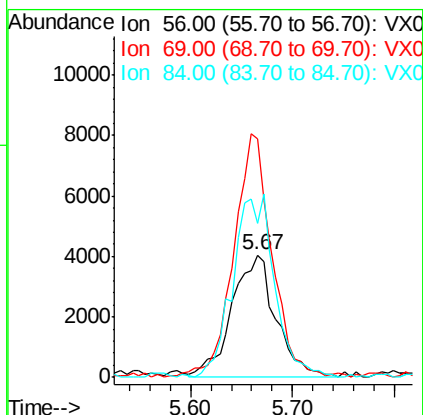
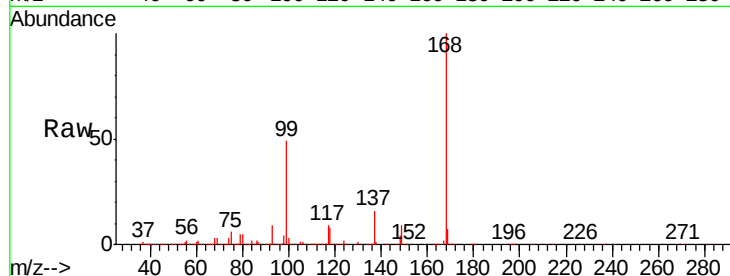




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

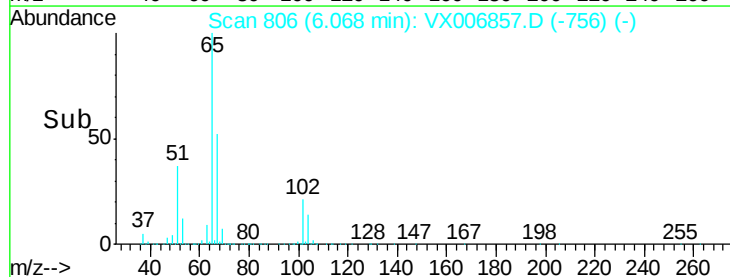
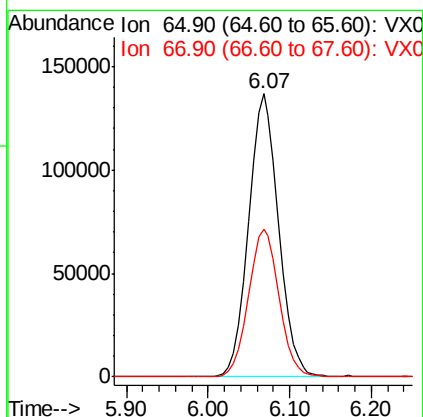
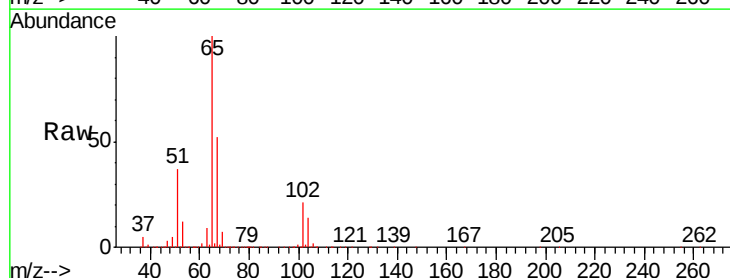
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

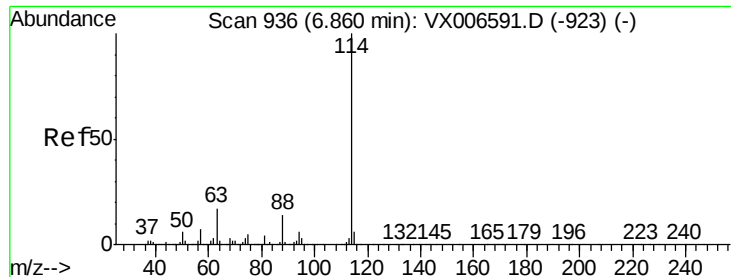
Tgt Ion: 56 Resp: 12221
Ion Ratio Lower Upper
56 100
69 190.8 24.4 36.6#
84 125.2 70.0 105.0#



#33
1,2-Dichloroethane-d4
Concen: 47.508 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.01 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

Tgt Ion: 65 Resp: 350730
Ion Ratio Lower Upper
65 100
67 52.9 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

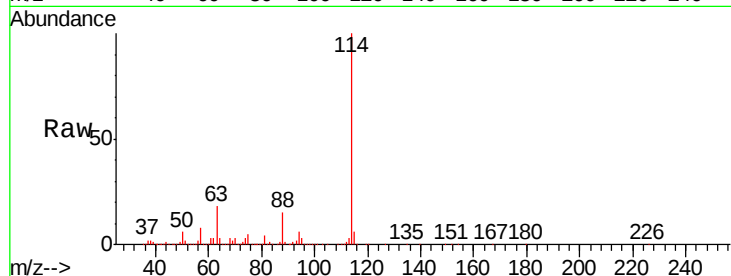
Tgt Ion:114 Resp: 1028774

Ion Ratio Lower Upper

114 100

63 17.8 0.0 34.8

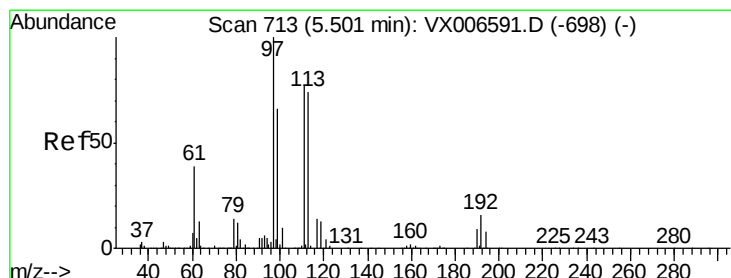
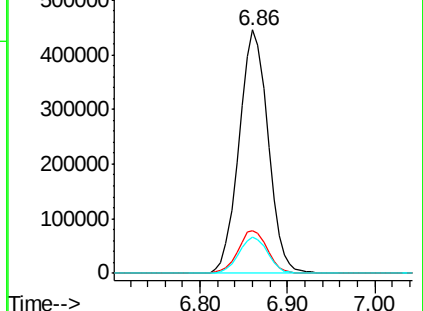
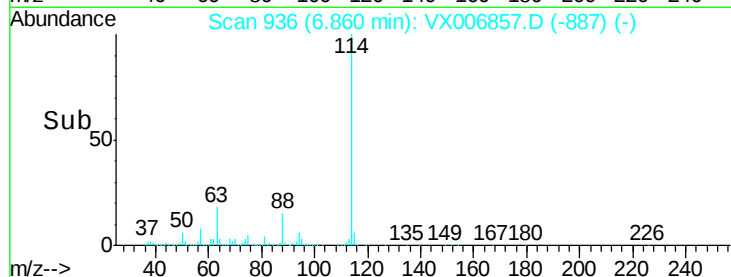
88 15.1 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.448 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

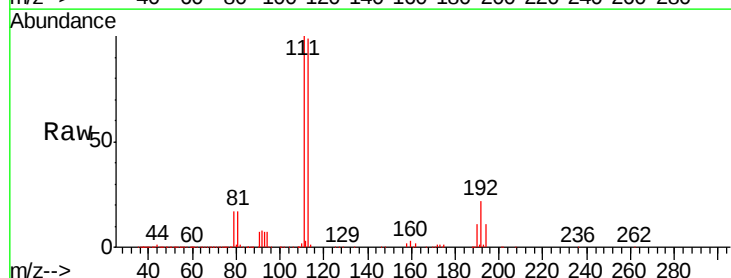
Tgt Ion:113 Resp: 308688

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

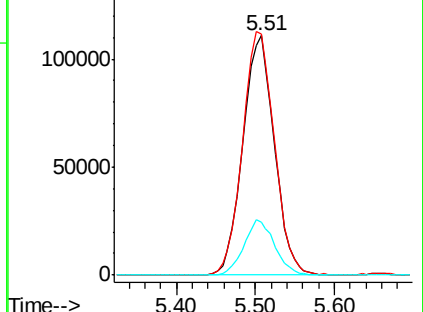
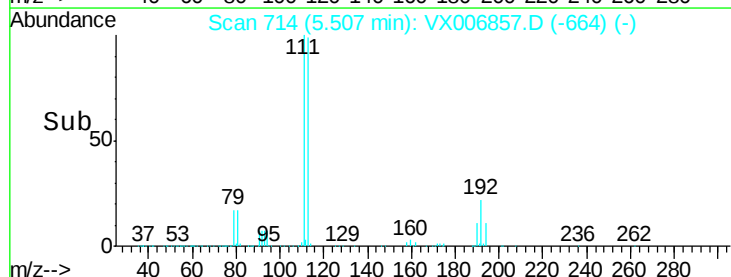
192 22.6 16.7 25.1

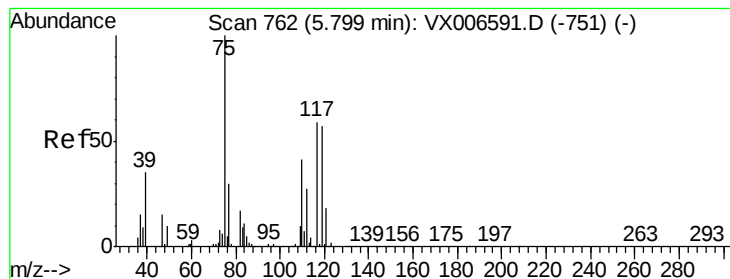


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.153 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.14 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

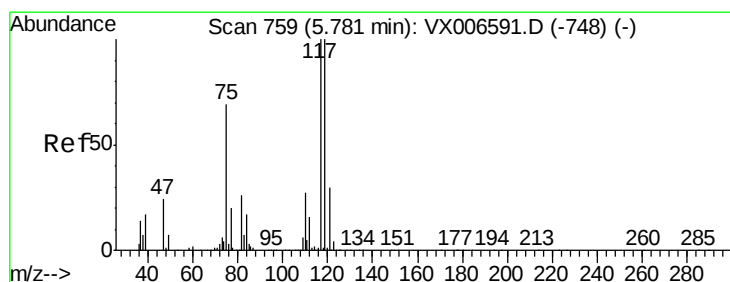
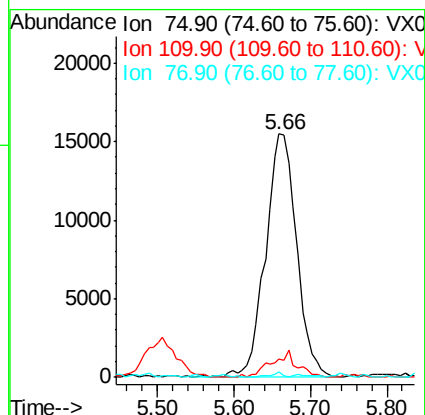
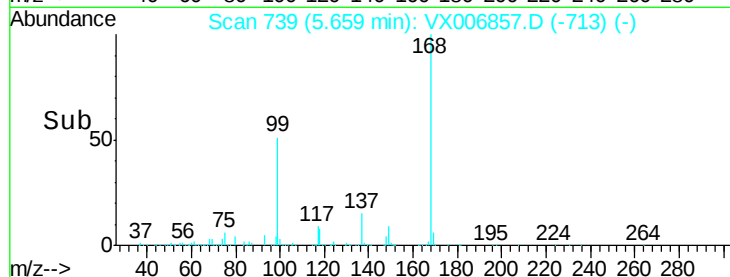
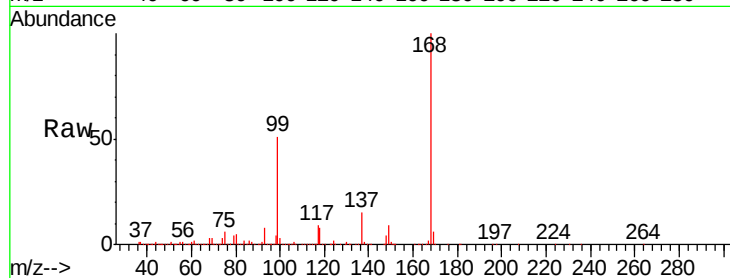
Tgt Ion: 75 Resp: 43904

Ion Ratio Lower Upper

75 100

110 0.0 20.2 60.5#

77 0.8 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.560 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

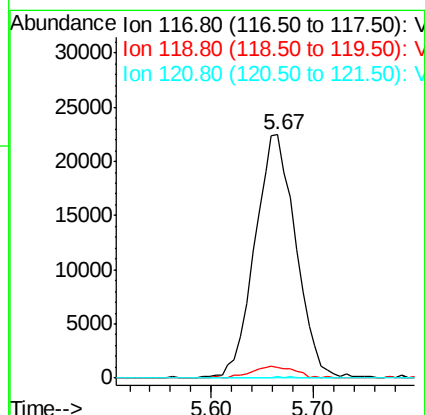
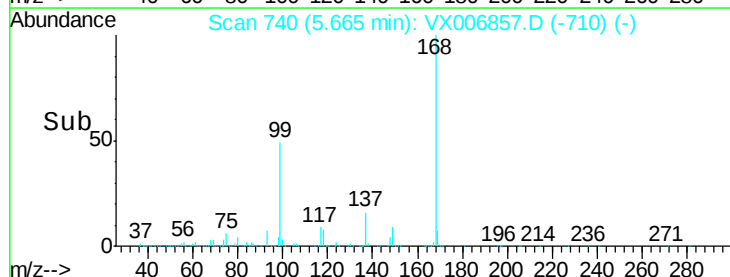
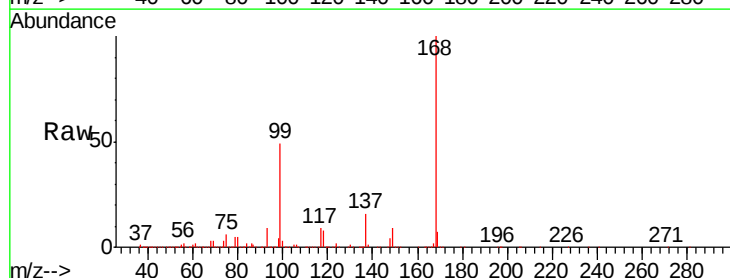
Tgt Ion: 117 Resp: 62603

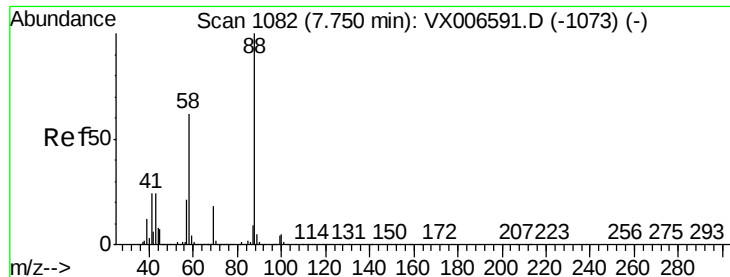
Ion Ratio Lower Upper

117 100

119 4.4 79.4 119.2#

121 0.5 24.0 36.0#

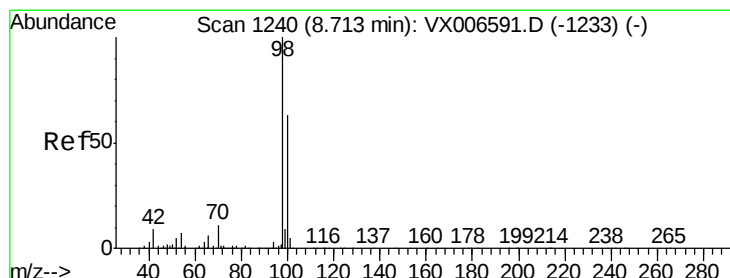
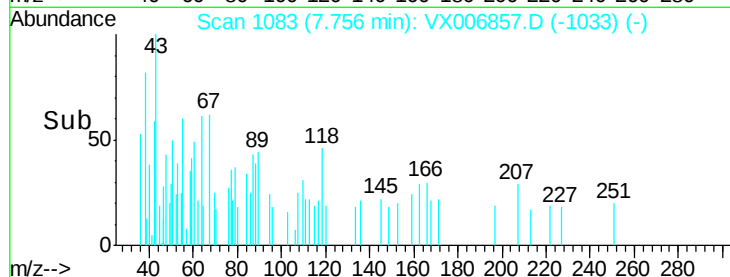
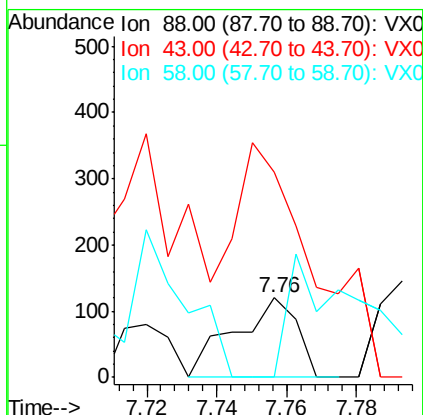
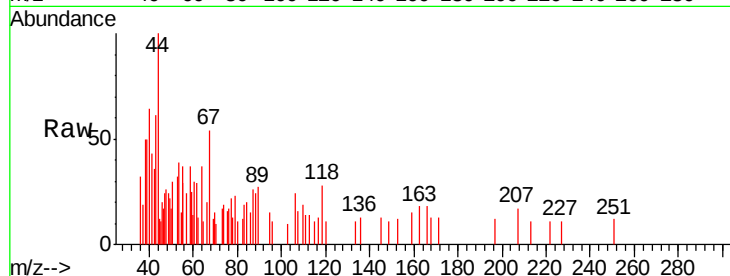




#49
1,4-Dioxane
Concen: Below Cal
RT: 7.76 min Scan# 1083
Delta R.T. 0.01 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

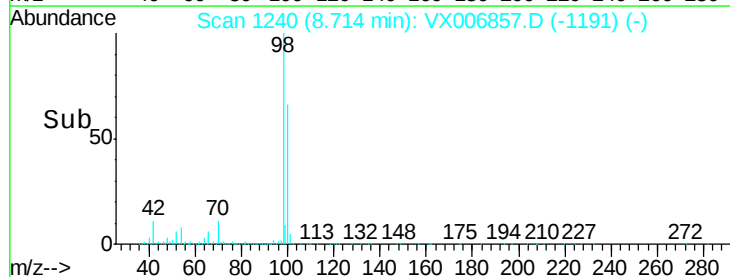
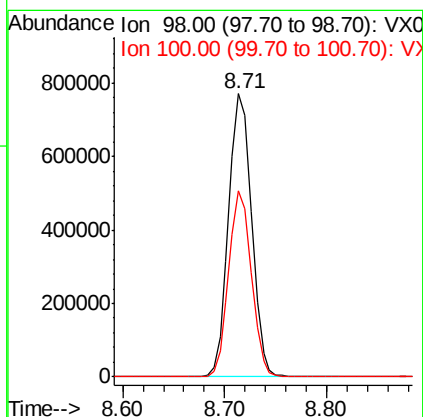
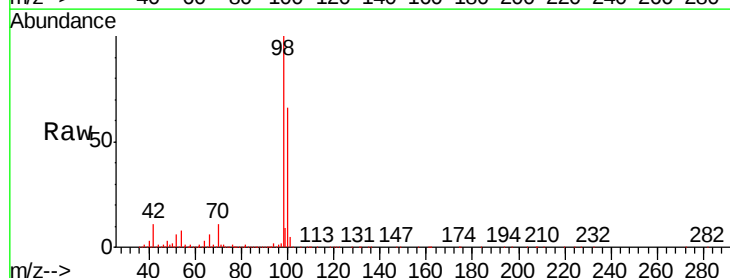
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

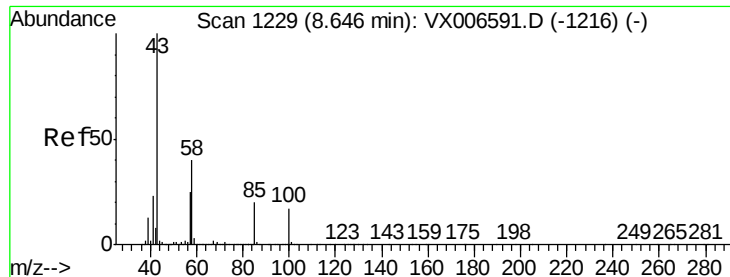
Tgt Ion: 88 Resp: 149
Ion Ratio Lower Upper
88 100
43 375.8 22.2 33.4#
58 172.5 51.0 76.4#



#50
Toluene-d8
Concen: 49.179 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

Tgt Ion: 98 Resp: 1206215
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 0.224 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

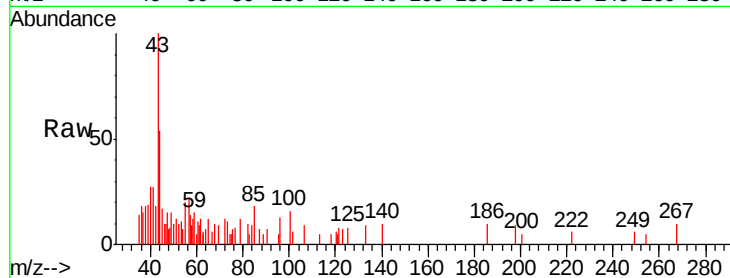
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 1922

Ion Ratio Lower Upper

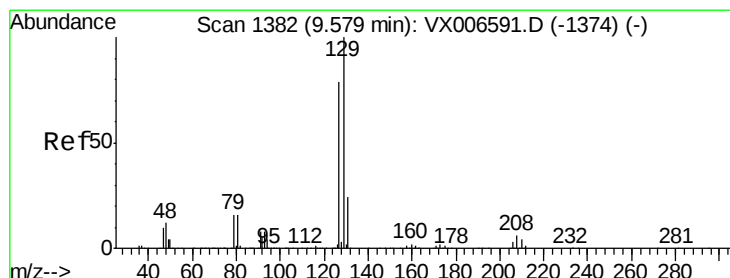
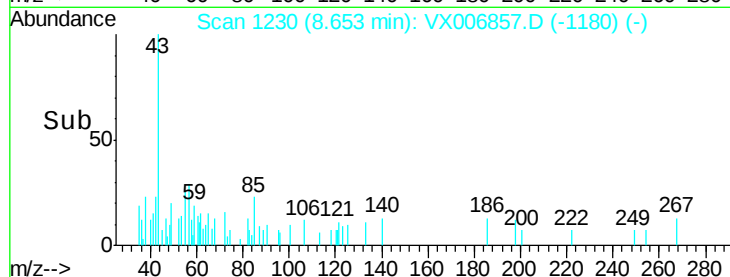
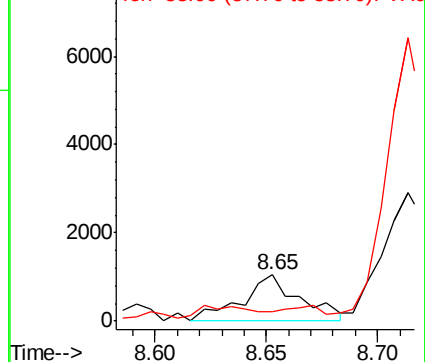
43 100

58 0.0 31.8 47.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#60

Dibromochloromethane

Concen: 2.327 ug/l

RT: 9.53 min Scan# 1374

Delta R.T. -0.05 min

Lab File: VX006857.D

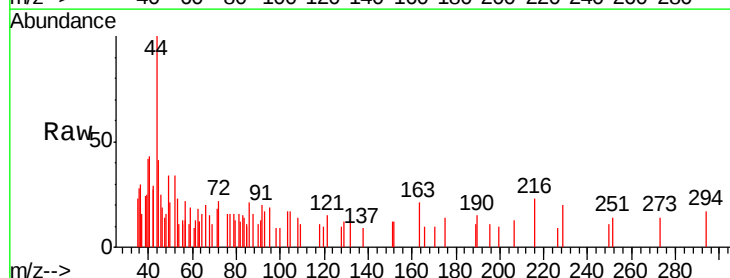
Acq: 28 Dec 2018 13:27

Tgt Ion: 129 Resp: 23

Ion Ratio Lower Upper

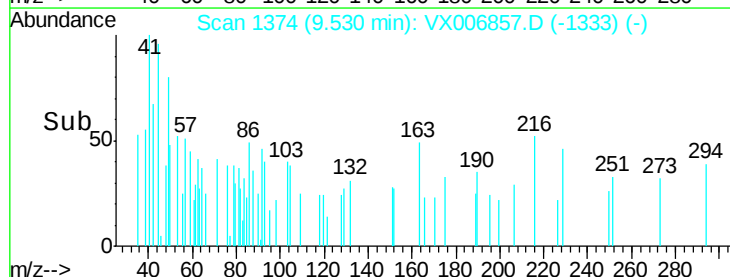
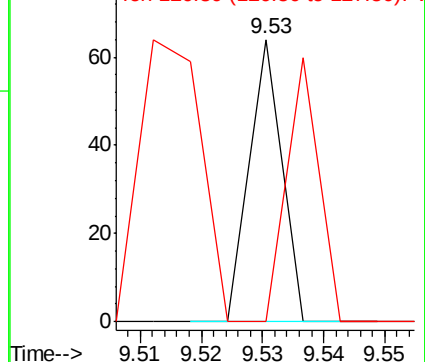
129 100

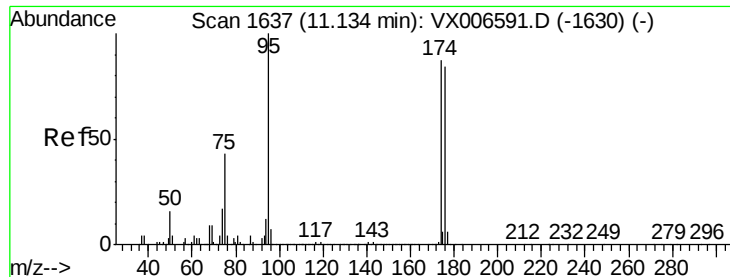
127 95.7 39.3 117.8



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#62

4-Bromofluorobenzene

Concen: 48.042 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006857.D

Acq: 28 Dec 2018 13:27

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

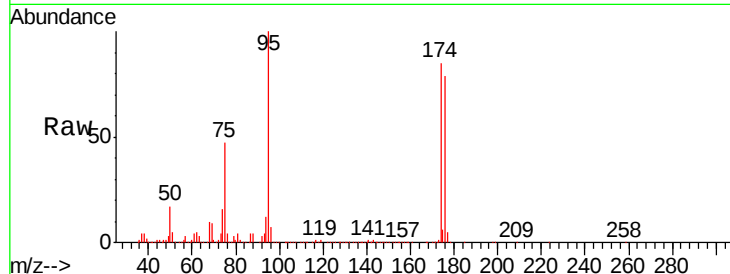
Tgt Ion: 95 Resp: 431548

Ion Ratio Lower Upper

95 100

174 92.5 0.0 182.2

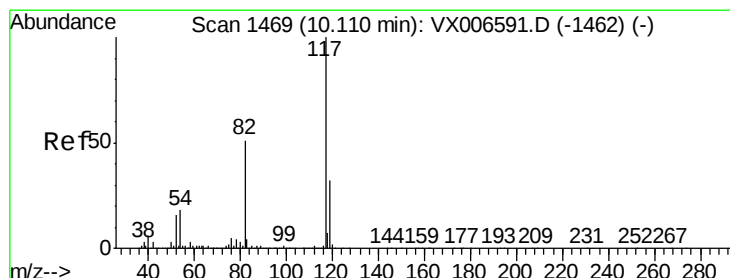
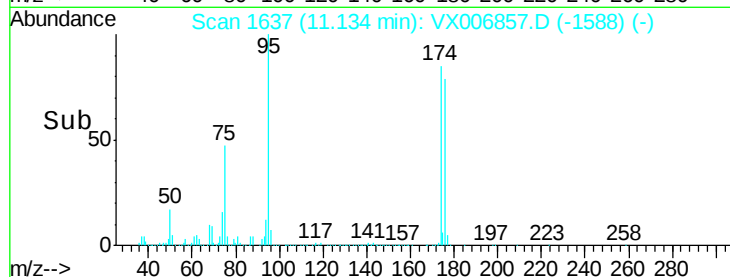
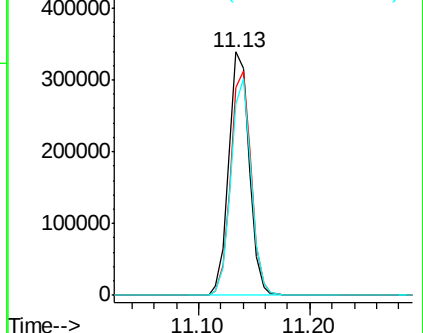
176 87.8 0.0 178.8



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: VX006857.D

Acq: 28 Dec 2018 13:27

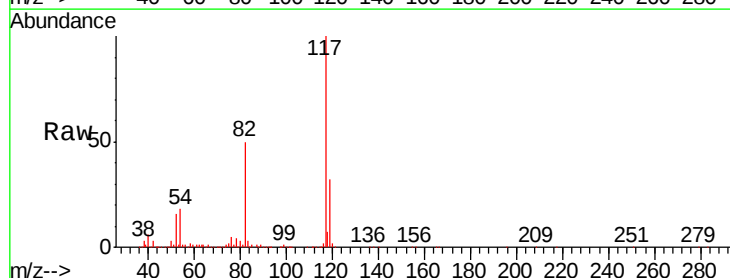
Tgt Ion: 117 Resp: 934783

Ion Ratio Lower Upper

117 100

82 50.2 41.0 61.6

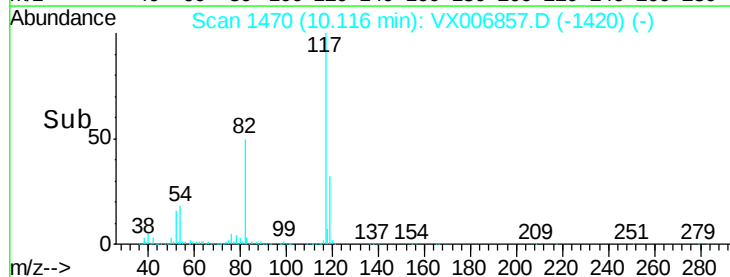
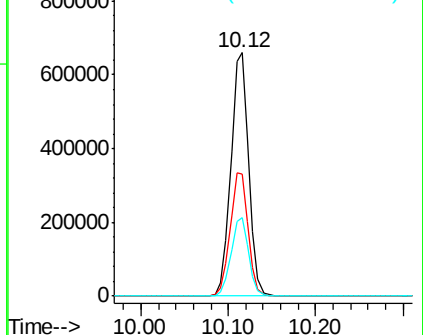
119 32.3 25.4 38.0

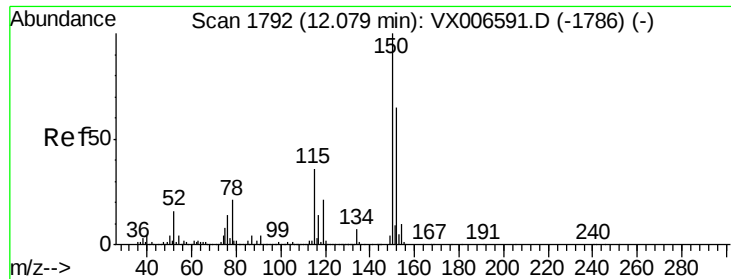


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



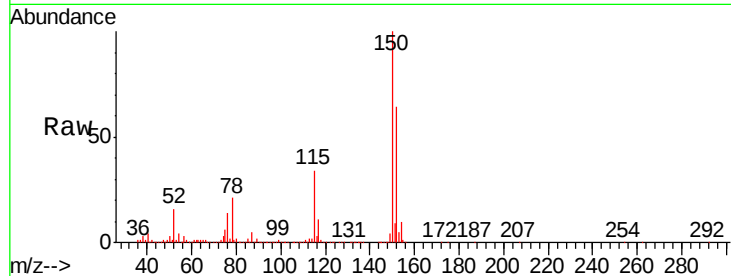


#72

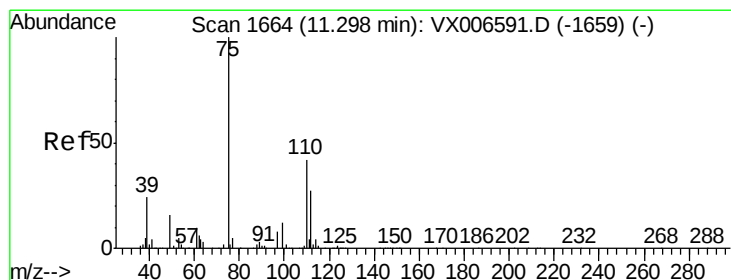
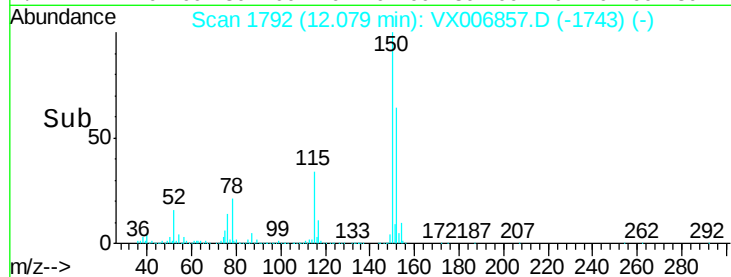
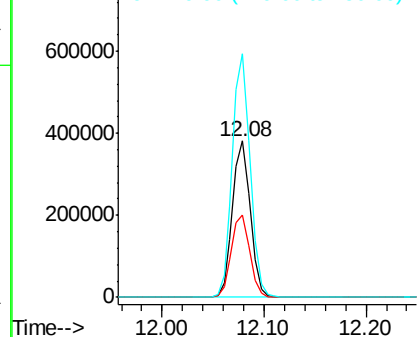
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

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

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	39.1	117.2
150	155.1	0.0	344.8



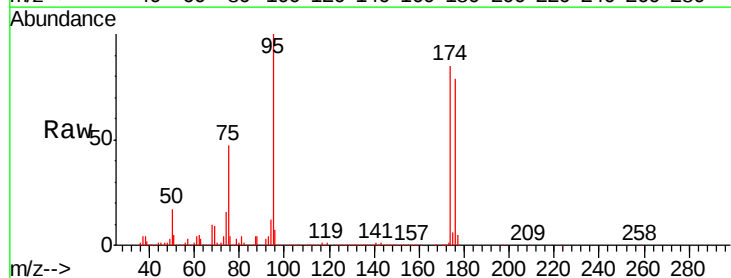
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



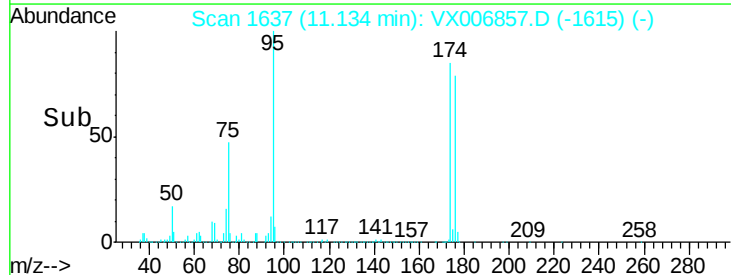
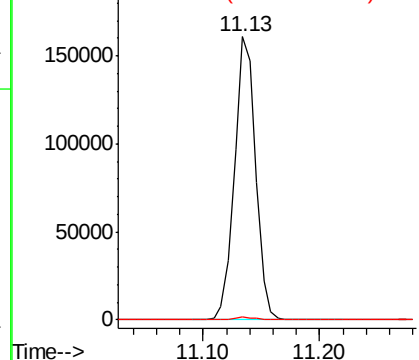
#76

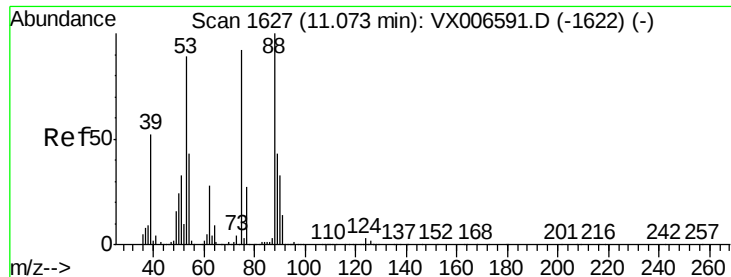
1,2,3-Trichloropropane
Concen: 23.834 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.16 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.2	18.5	55.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0

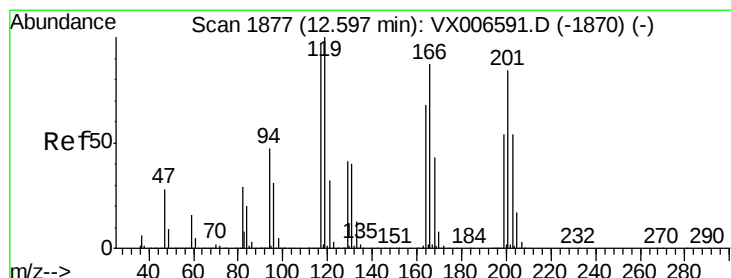
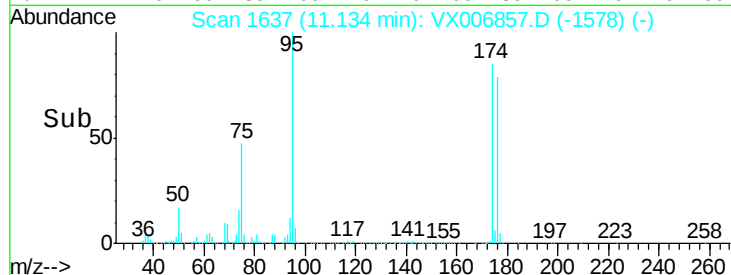
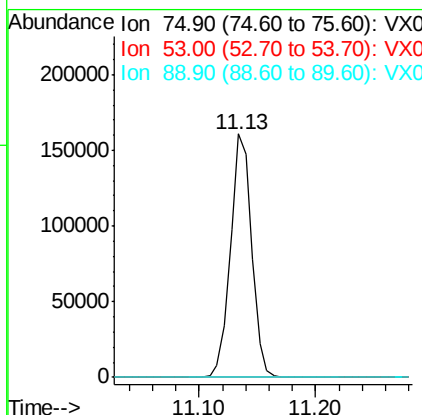
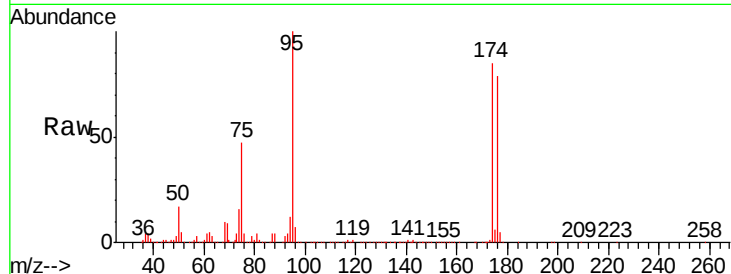




#81
trans-1,4-Dichloro-2-butene
Concen: 70.625 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.06 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

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

Tgt Ion: 75 Resp: 203853
Ion Ratio Lower Upper
75 100
53 0.0 79.7 119.5#
89 0.1 38.0 57.0#



#90
Hexachloroethane
Concen: 3.318 ug/l
RT: 12.62 min Scan# 1881
Delta R.T. 0.03 min
Lab File: VX006857.D
Acq: 28 Dec 2018 13:27

Tgt Ion: 117 Resp: 114
Ion Ratio Lower Upper
117 100
201 0.0 42.9 128.7#

