

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030119\
 Data File : VX007800.D
 Acq On : 01 Mar 2019 19:53
 Operator : JC/SP
 Sample : K1708-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Mar 01 22:22:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	321261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	501476	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	466564	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223067	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	185430	46.60	ug/l	0.00
Spiked Amount			Recovery	=	93.20%	
35) Dibromofluoromethane	5.51	113	167856	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
50) Toluene-d8	8.71	98	605654	47.19	ug/l	0.00
Spiked Amount			Recovery	=	94.38%	
62) 4-Bromofluorobenzene	11.13	95	215614	45.77	ug/l	0.00
Spiked Amount			Recovery	=	91.54%	

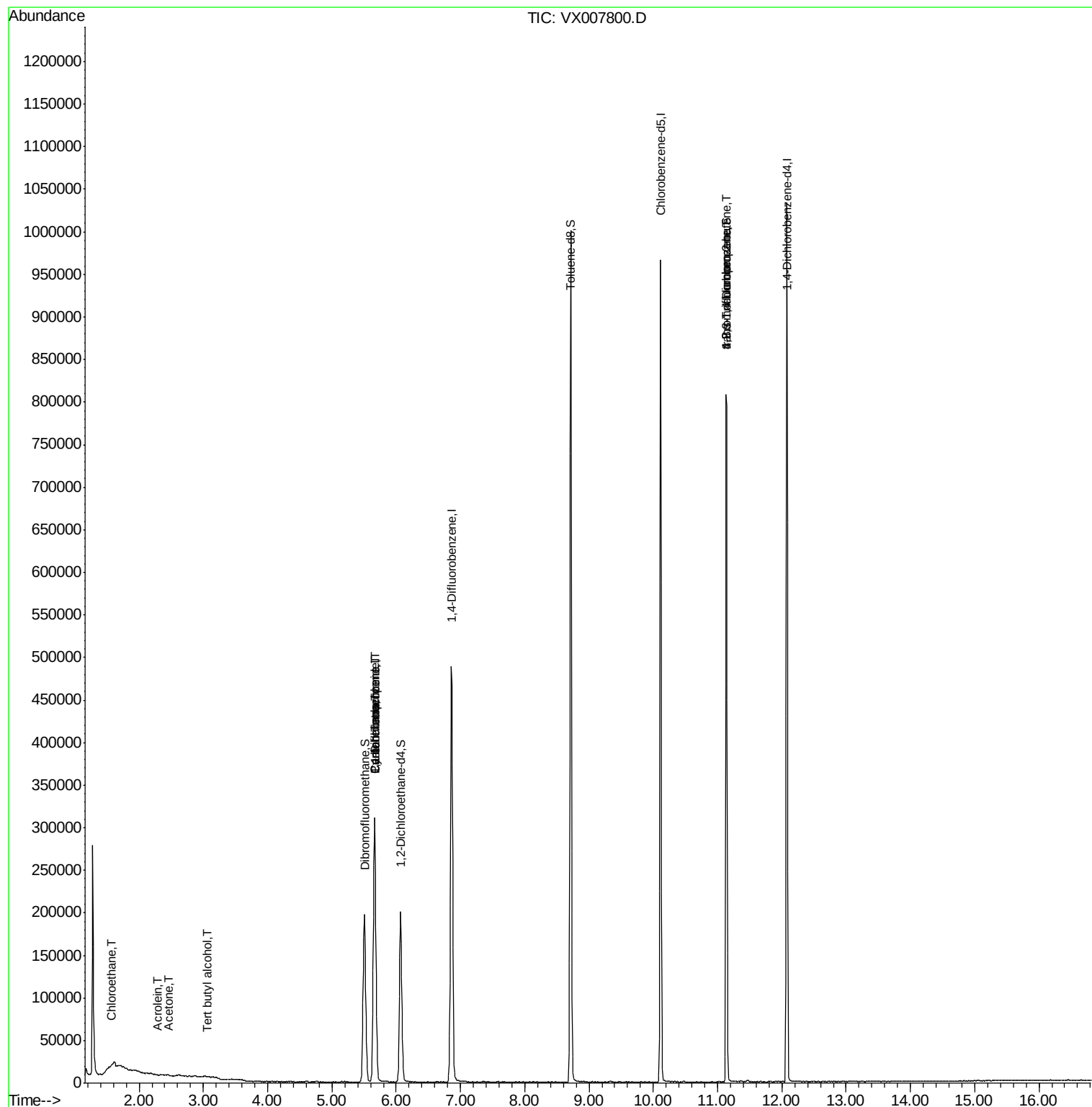
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	294	Below Cal	#	79
6) Chloroethane	1.57	64	48172	22.410	ug/l #	49
11) Tert butyl alcohol	3.06	59	330	0.437	ug/l #	1
13) Acrolein	2.29	56	190	0.283	ug/l #	14
16) Acetone	2.45	43	978	0.553	ug/l	99
31) Cyclohexane	5.66	56	5282	0.955	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	20443	4.534	ug/l #	47
38) Carbon Tetrachloride	5.66	117	27707	6.118	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	101196	21.283	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	101196	56.609	ug/l #	9

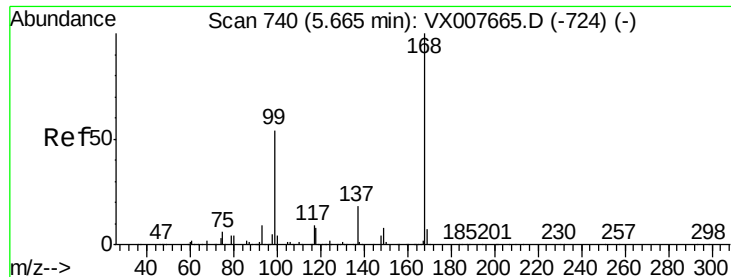
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

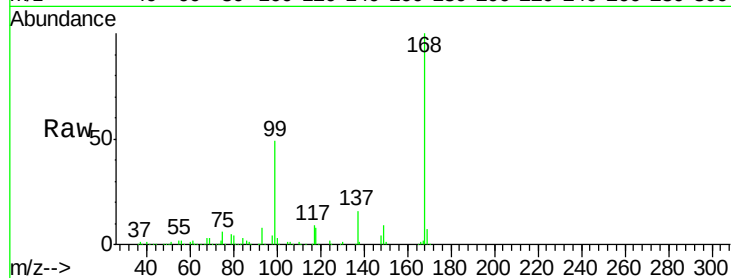
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 321261

Ion Ratio Lower Upper

168 100

99 48.6 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

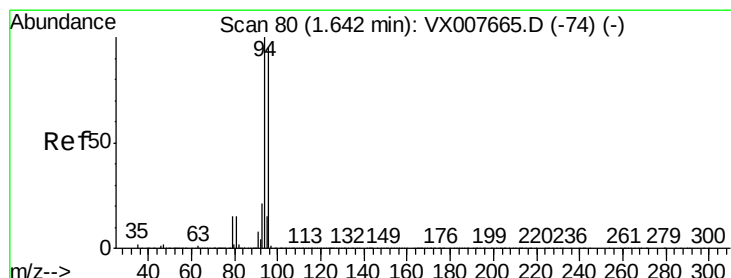
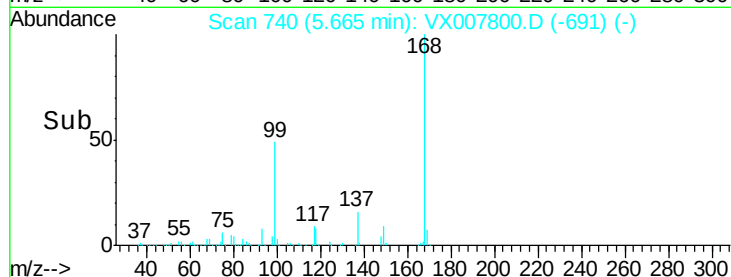
5.66

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007800.D

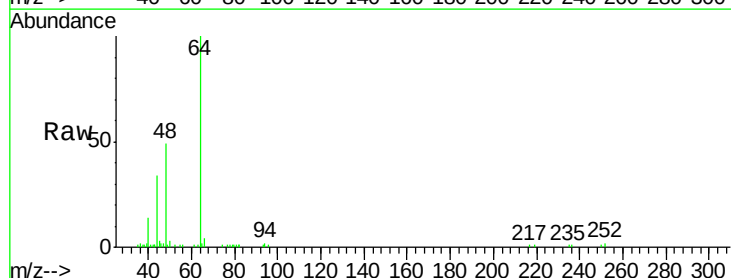
Acq: 01 Mar 2019 19:53

Tgt Ion: 94 Resp: 294

Ion Ratio Lower Upper

94 100

96 72.4 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

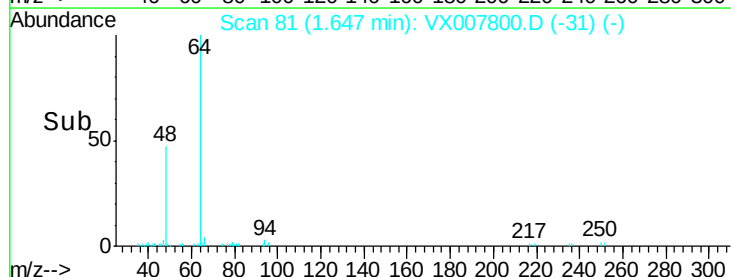
150

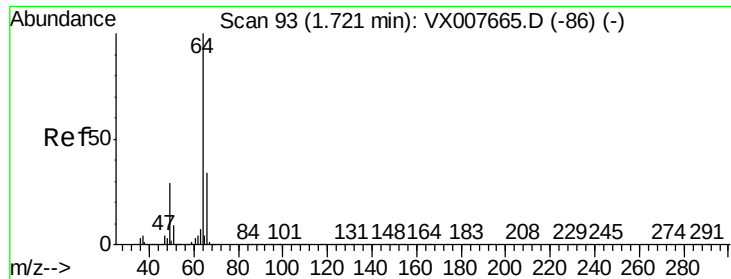
100

50

0

Time--> 1.65 1.70





#6

Chloroethane

Concen: 22.410 ug/l

RT: 1.57 min Scan# 69

Delta R.T. -0.15 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

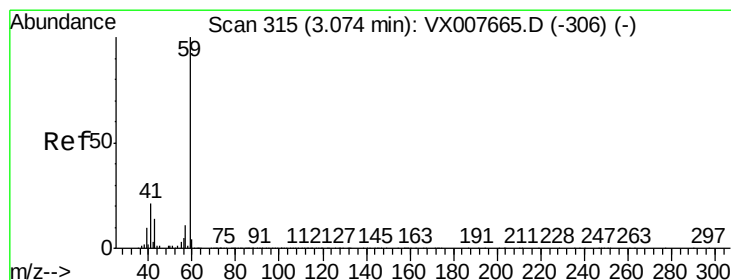
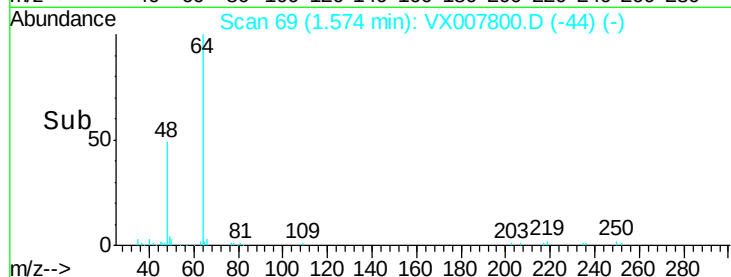
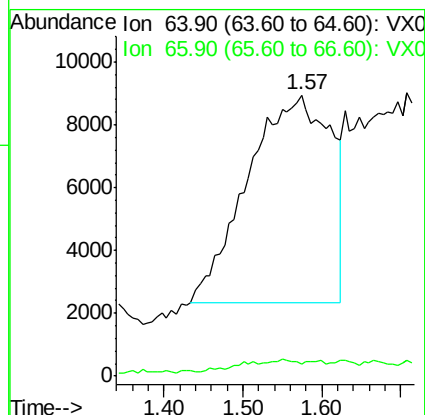
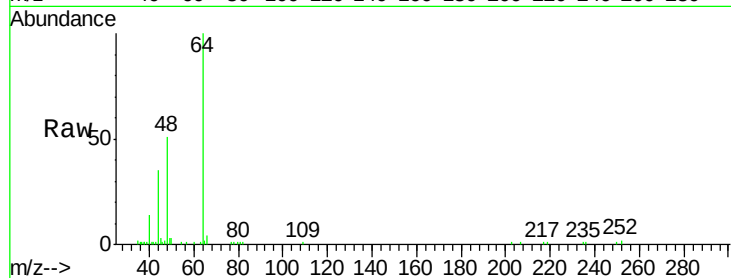
STORAGE-BLANK-WATER-REF-4

Tot Ion: 64 Resp: 48172

Ion Ratio Lower Upper

64 100

66 3.4 25.5 38.3#



#11

Tert butyl alcohol

Concen: 0.437 ug/l

RT: 3.06 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX007800.D

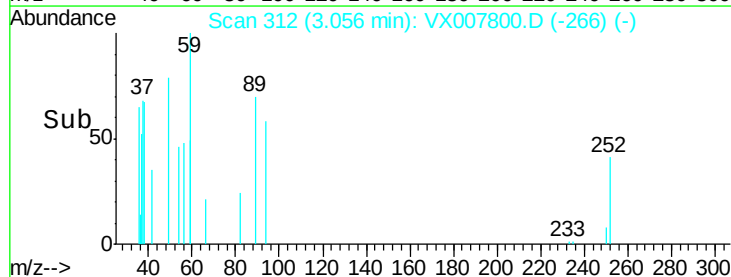
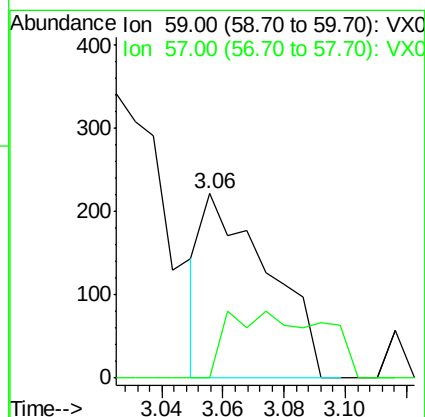
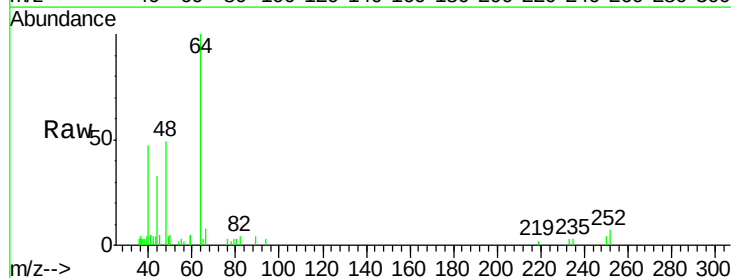
Acq: 01 Mar 2019 19:53

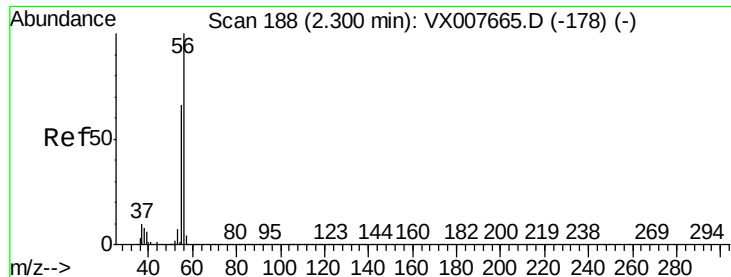
Tgt Ion: 59 Resp: 330

Ion Ratio Lower Upper

59 100

57 51.8 8.1 12.1#





#13

Acrolein

Concen: 0.283 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

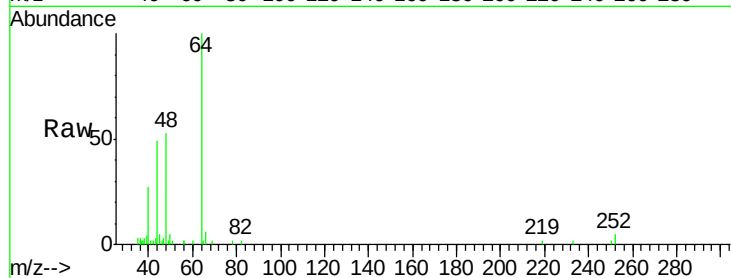
STORAGE-BLANK-WATER-REF-4

Tot Ion: 56 Resp: 190

Ion Ratio Lower Upper

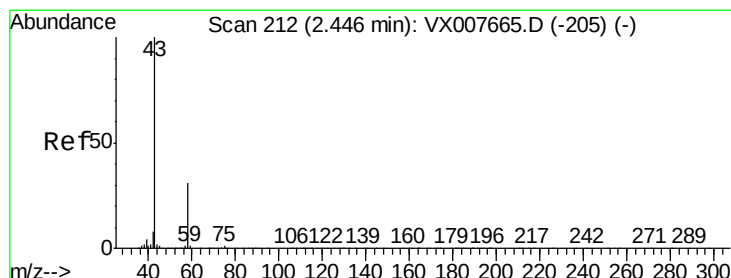
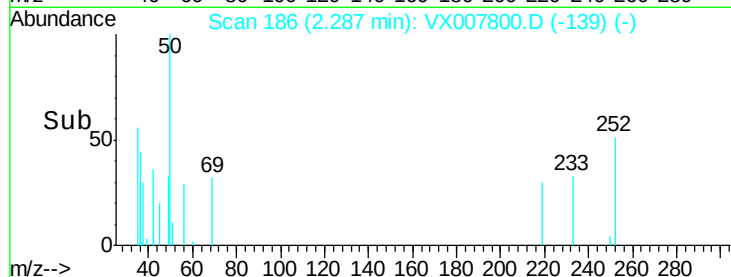
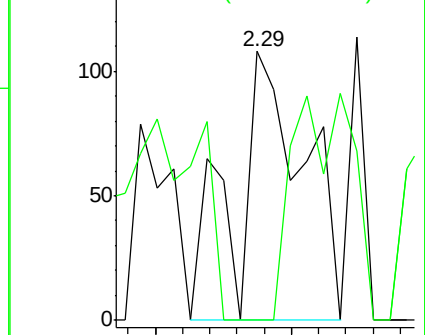
56 100

55 0.0 56.9 85.3#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.553 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007800.D

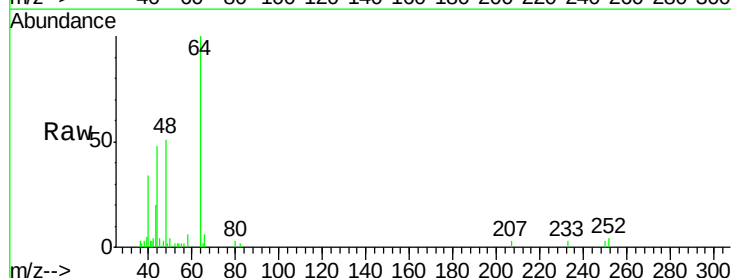
Acq: 01 Mar 2019 19:53

Tgt Ion: 43 Resp: 978

Ion Ratio Lower Upper

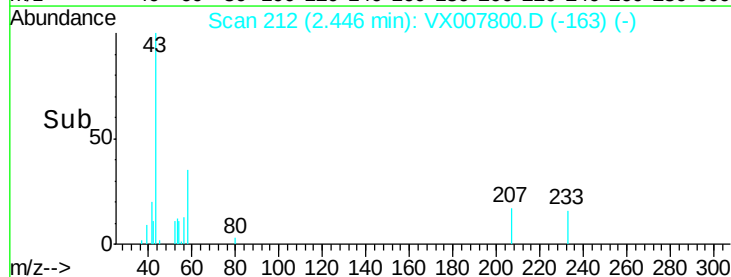
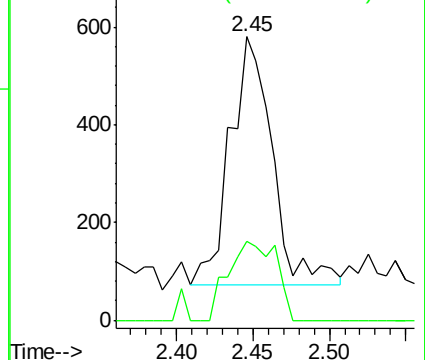
43 100

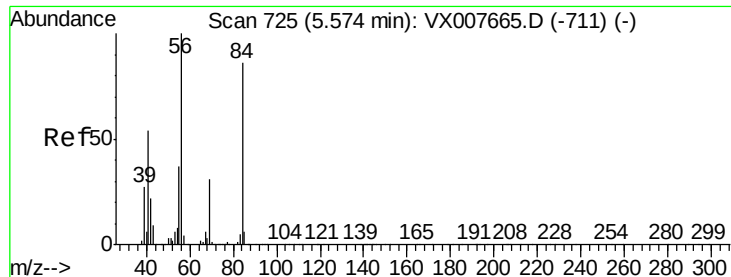
58 31.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

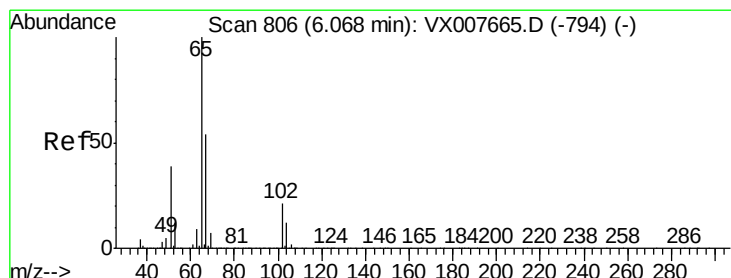
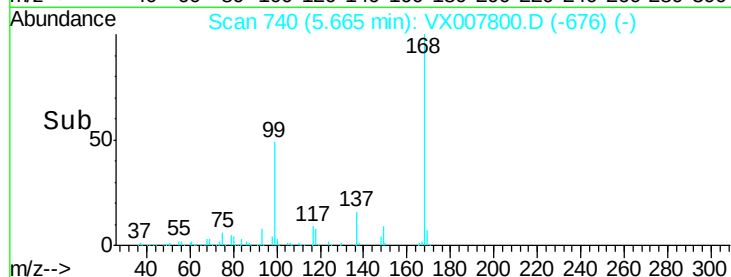
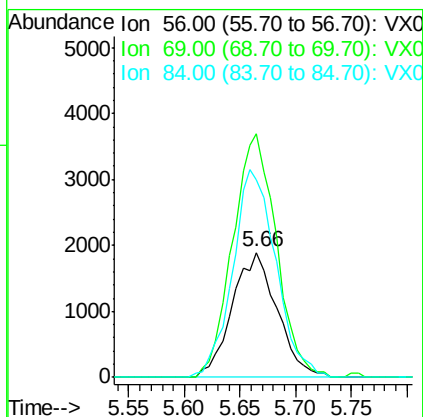
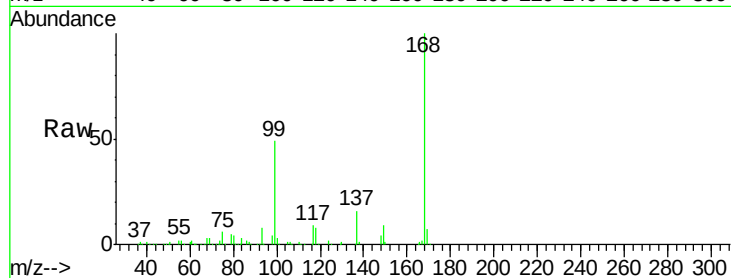




#31
Cyclohexane
Concen: 0.955 ug/l
RT: 5.66 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007800.D
Acq: 01 Mar 2019 19:53

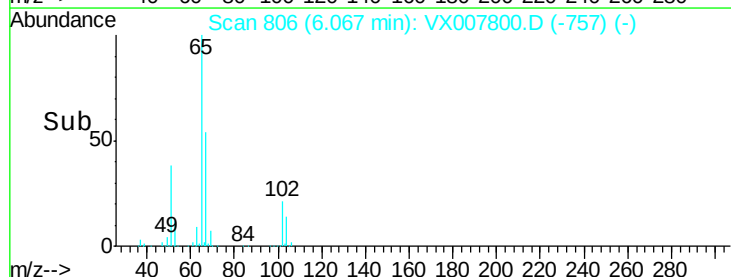
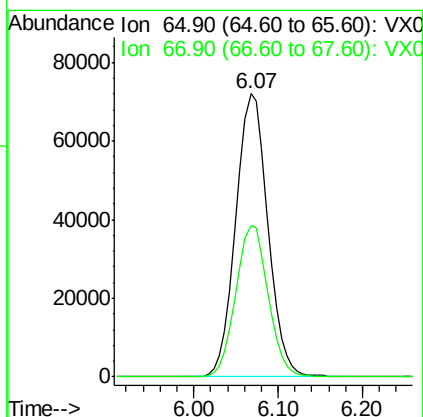
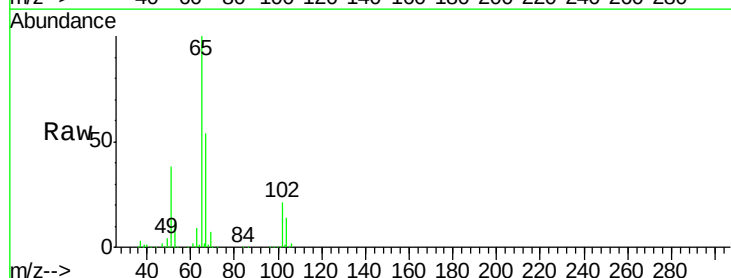
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

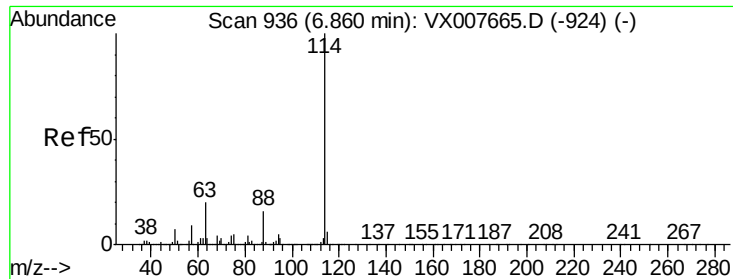
Tot Ion: 56 Resp: 5282
Ion Ratio Lower Upper
56 100
69 195.2 23.0 34.6#
84 158.8 69.8 104.6#



#33
1,2-Dichloroethane-d4
Concen: 46.597 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007800.D
Acq: 01 Mar 2019 19:53

Tgt Ion: 65 Resp: 185430
Ion Ratio Lower Upper
65 100
67 53.9 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: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

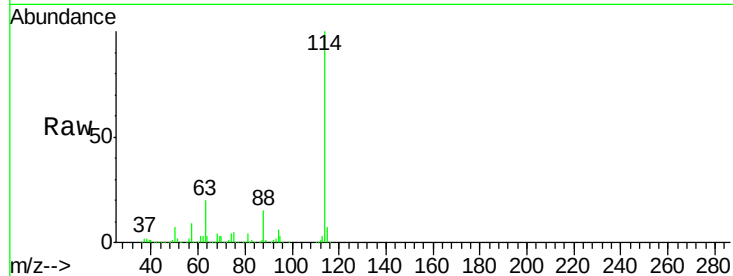
Tot Ion:114 Resp: 501476

Ion Ratio Lower Upper

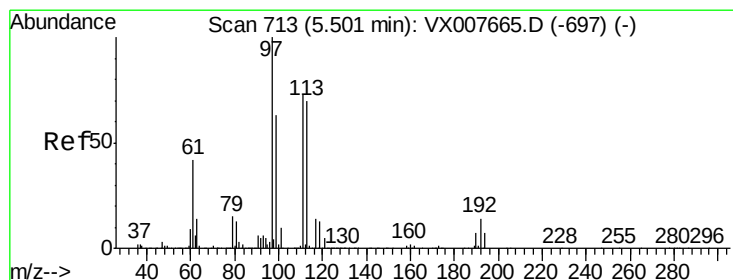
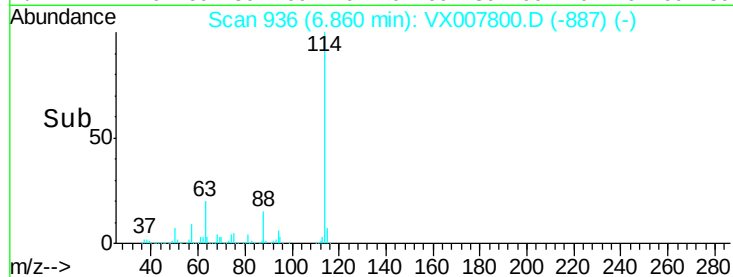
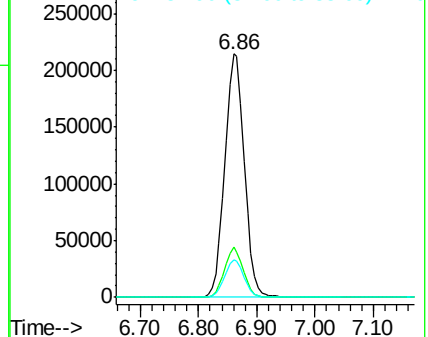
114 100

63 20.4 0.0 35.6

88 15.3 0.0 29.6



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: 50.073 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

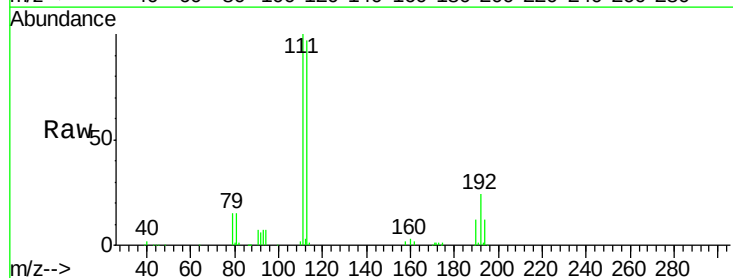
Tgt Ion:113 Resp: 167856

Ion Ratio Lower Upper

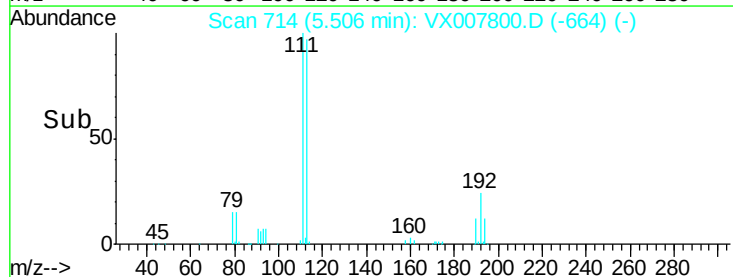
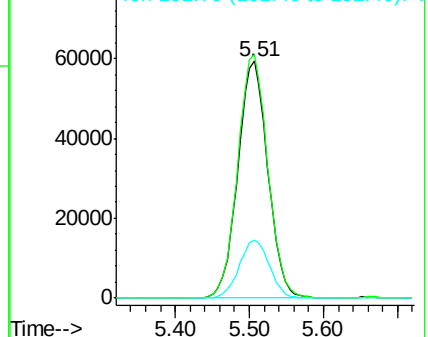
113 100

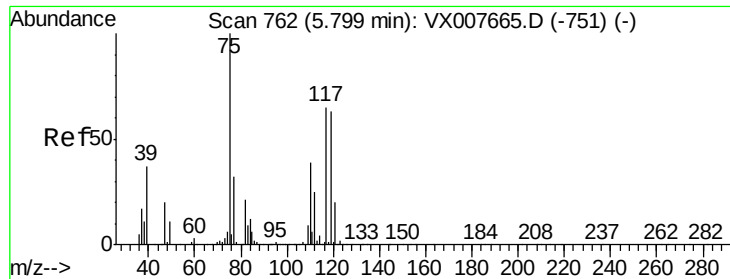
111 103.1 81.8 122.8

192 24.6 18.5 27.7



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

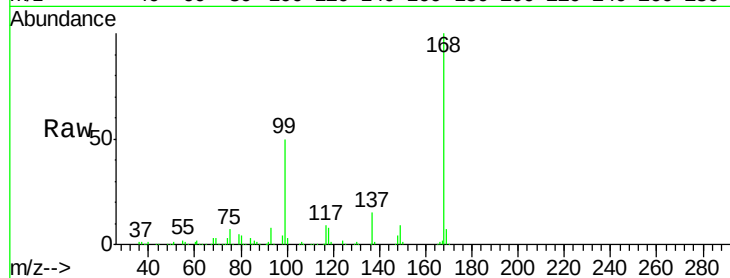




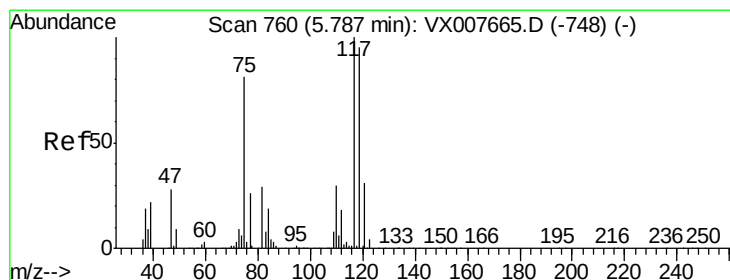
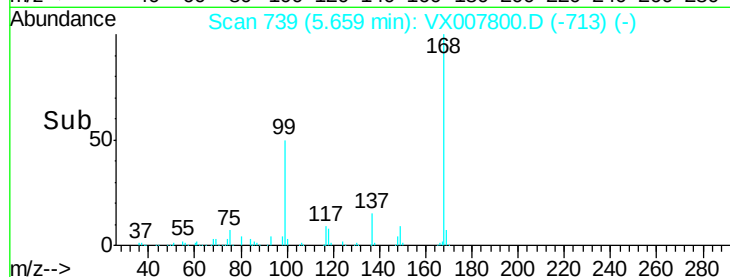
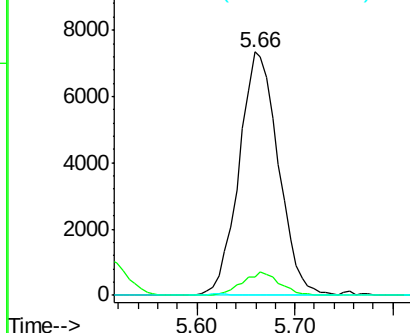
#36
 1,1-Dichloropropene
 Concen: 4.534 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX007800.D
 Acq: 01 Mar 2019 19:53

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

Tot Ion	Ratio	Lower	Upper
75	100		
110	9.0	20.0	59.9#
77	0.0	24.7	37.1#

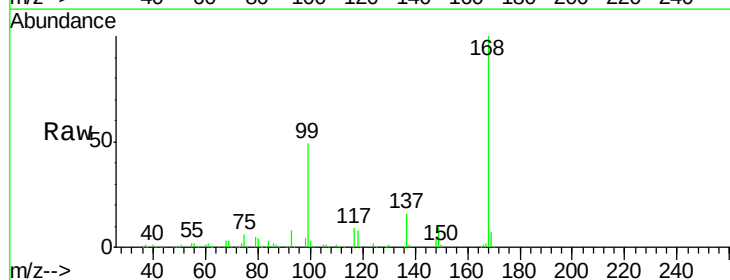


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

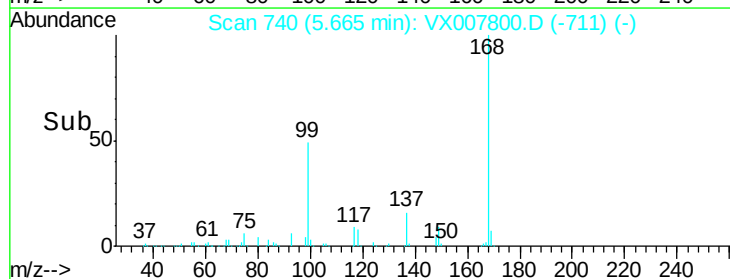
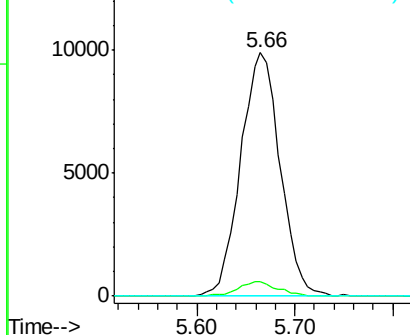


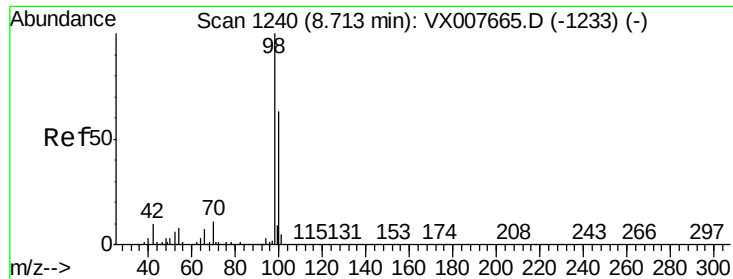
#38
 Carbon Tetrachloride
 Concen: 6.118 ug/l
 RT: 5.66 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007800.D
 Acq: 01 Mar 2019 19:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.8	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





#50

Toluene-d8

Concen: 47.193 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

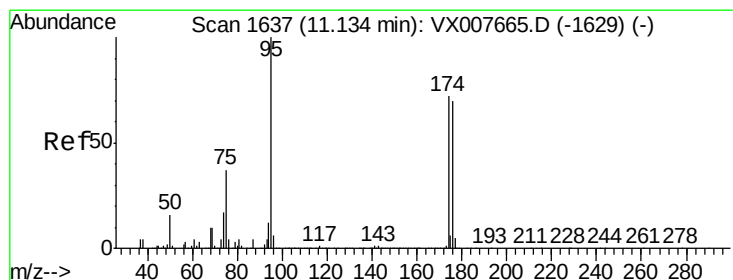
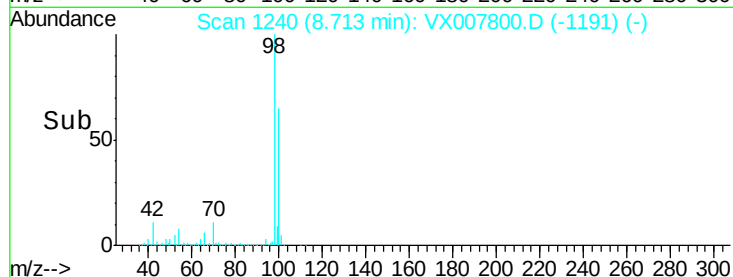
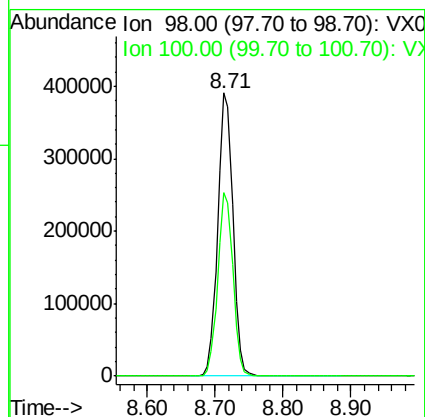
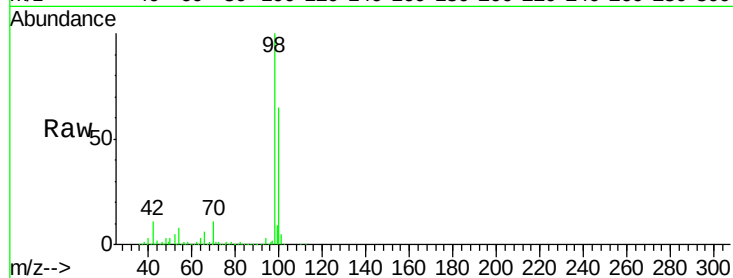
STORAGE-BLANK-WATER-REF-4

Tot Ion: 98 Resp: 605654

Ion Ratio Lower Upper

98 100

100 64.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 45.774 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

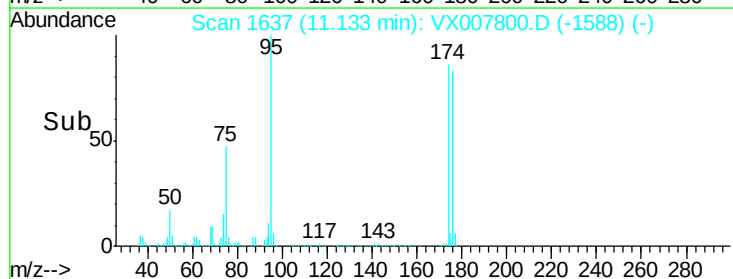
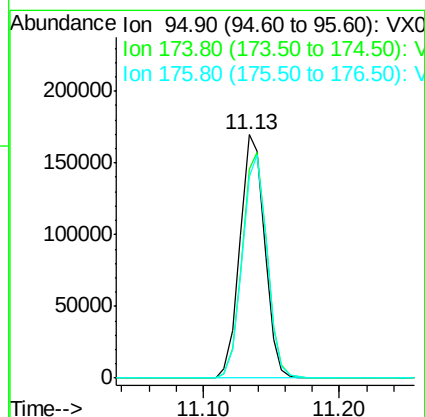
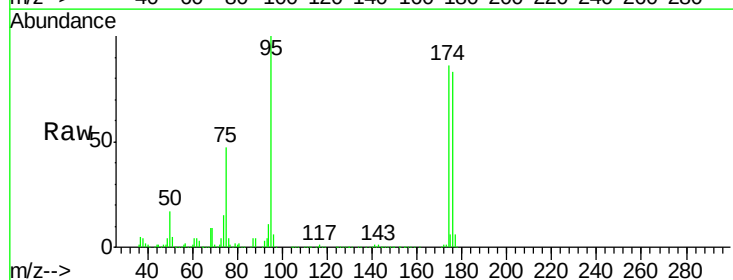
Tgt Ion: 95 Resp: 215614

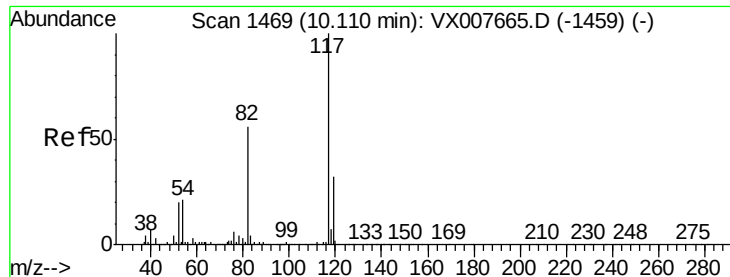
Ion Ratio Lower Upper

95 100

174 93.2 0.0 189.2

176 90.8 0.0 186.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

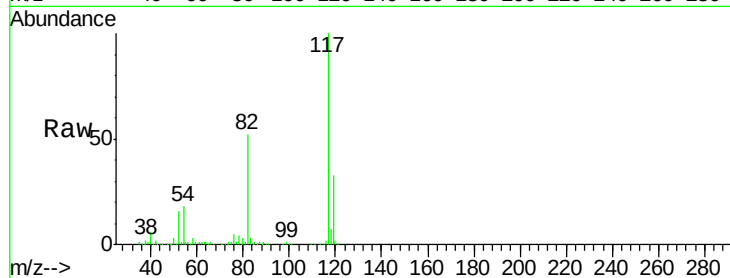
Tot Ion:117 Resp: 466564

Ion Ratio Lower Upper

117 100

82 52.0 42.1 63.1

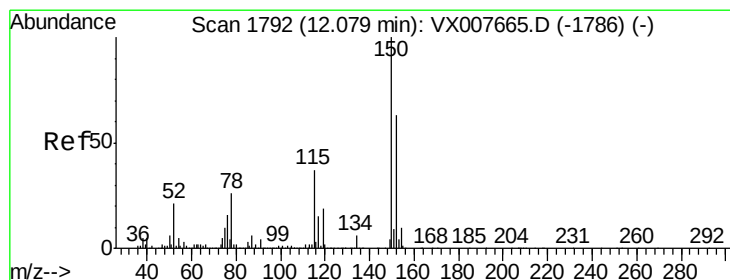
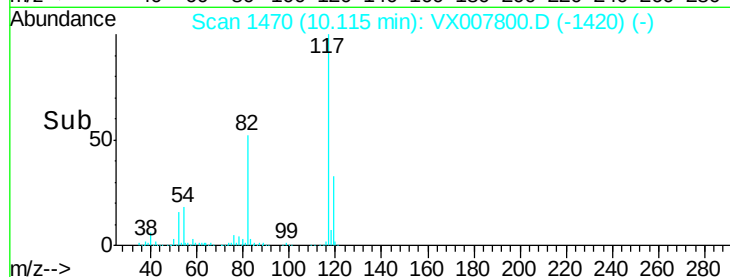
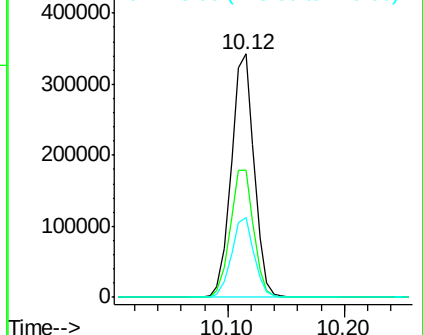
119 32.6 26.5 39.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX007800.D

Acq: 01 Mar 2019 19:53

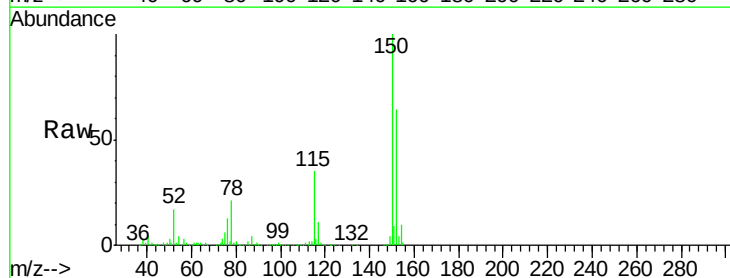
Tgt Ion:152 Resp: 223067

Ion Ratio Lower Upper

152 100

115 55.5 38.0 114.0

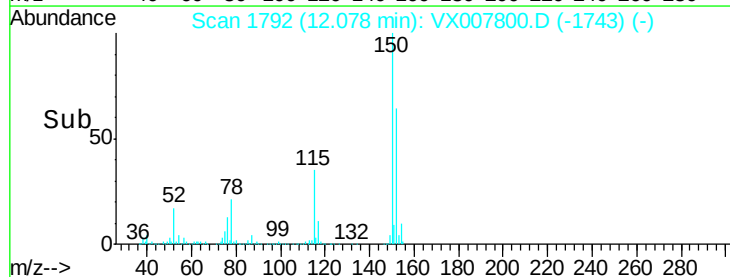
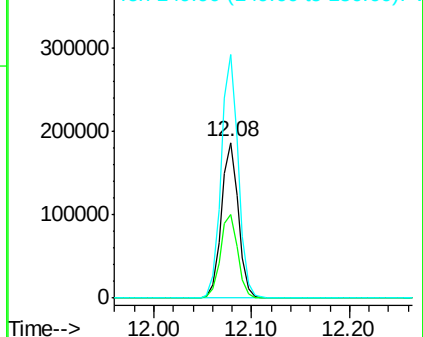
150 157.1 0.0 346.4

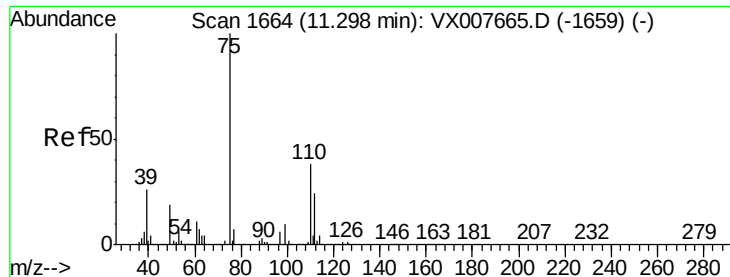


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 21.283 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.17 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

Instrument :

MSVOA_X

ClientSampleId :

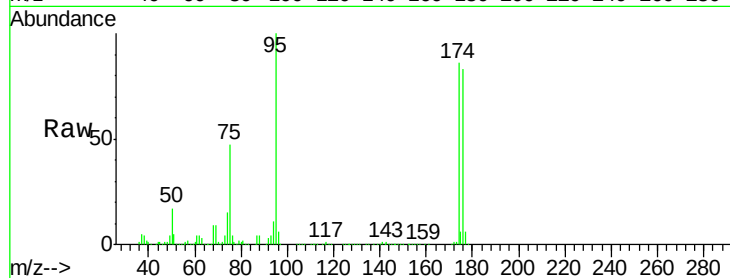
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 101196

Ion Ratio Lower Upper

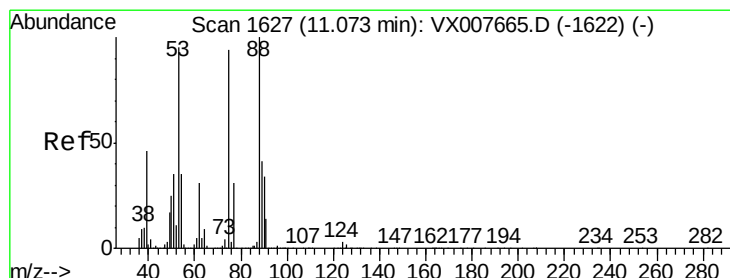
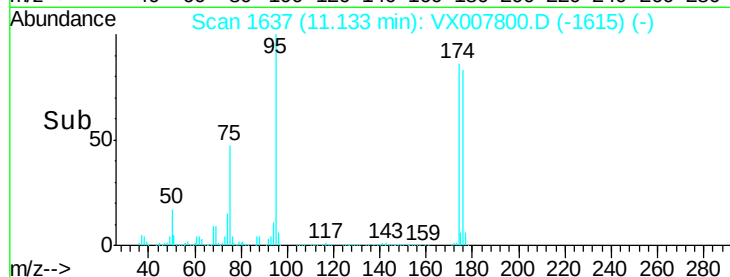
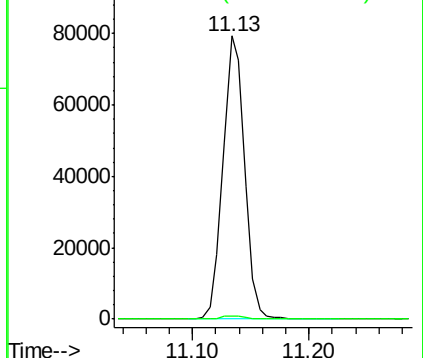
75 100

77 1.2 23.0 69.0#



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: 56.609 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007800.D

Acq: 01 Mar 2019 19:53

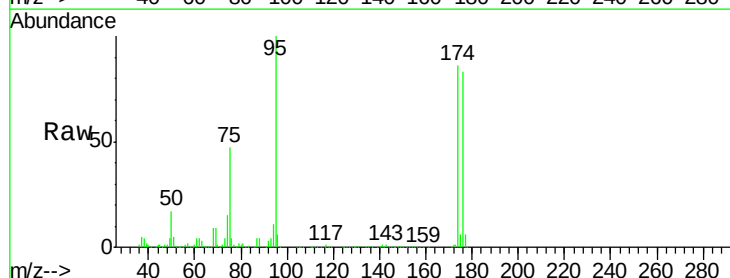
Tgt Ion: 75 Resp: 101196

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#



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

