

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030819\
 Data File : VX007941.D
 Acq On : 08 Mar 2019 20:02
 Operator : JC/SP
 Sample : K1815-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

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

Quant Time: Mar 09 03:53:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 07 07:33:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274670	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	429513	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	401020	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195678	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	151622	52.33	ug/l	0.00
Spiked Amount						
			Recovery	=	104.66%	
35) Dibromofluoromethane	5.50	113	139294	50.70	ug/l	0.00
Spiked Amount						
			Recovery	=	101.40%	
50) Toluene-d8	8.71	98	519196	51.46	ug/l	0.00
Spiked Amount						
			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.13	95	189906	53.68	ug/l	0.00
Spiked Amount						
			Recovery	=	107.36%	

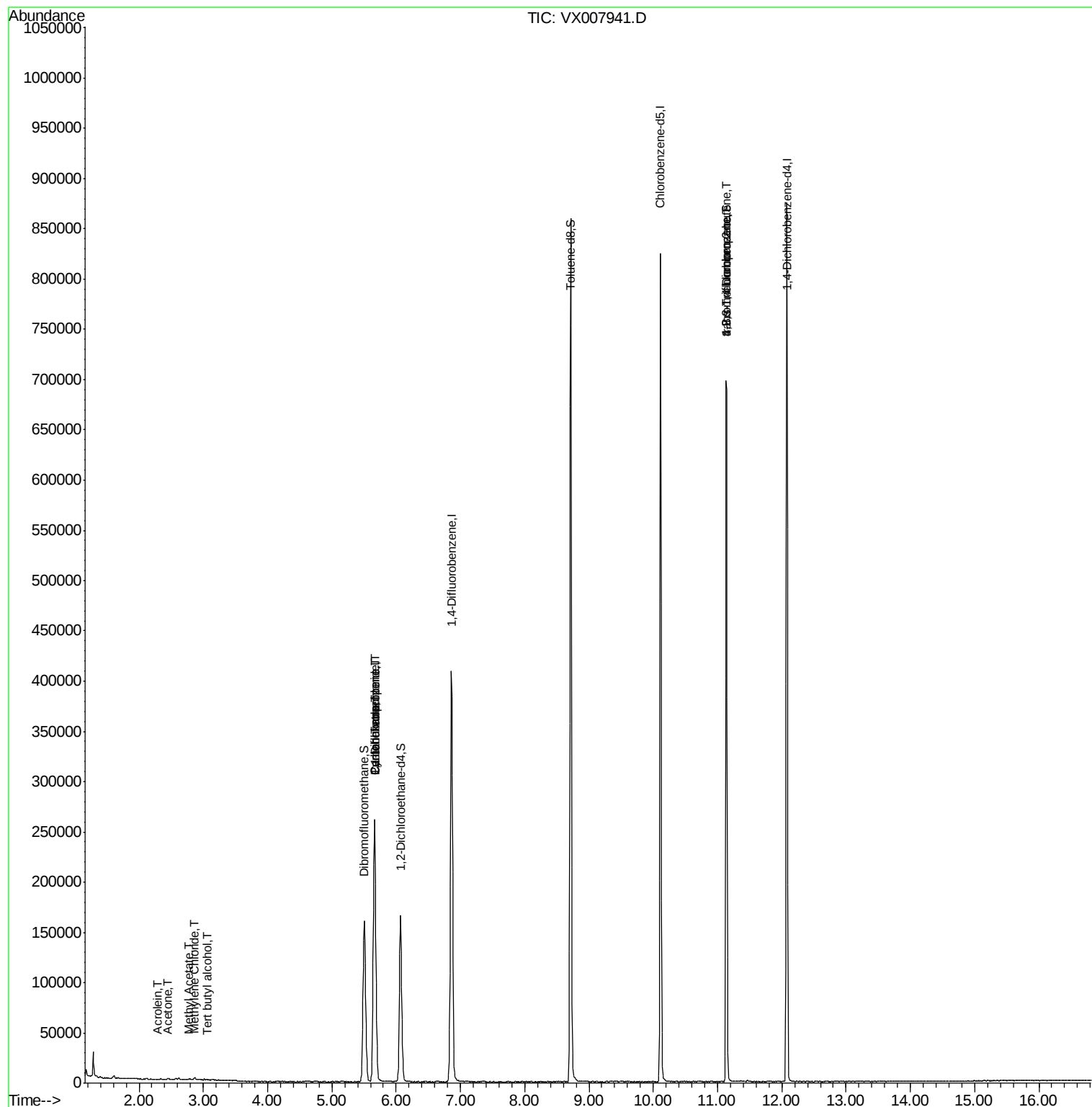
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	500	Below Cal	#	74
11) Tert butyl alcohol	3.06	59	155	0.239	ug/l #	73
13) Acrolein	2.29	56	23	1.604	ug/l #	82
16) Acetone	2.45	43	1028	0.613	ug/l	98
17) Carbon Disulfide	2.57	76	1159	Below Cal	#	89
18) Methyl Acetate	2.78	43	731	0.205	ug/l	96
20) Methylene Chloride	2.86	84	846	0.317	ug/l #	77
31) Cyclohexane	5.66	56	4337	0.974	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	17273	4.441	ug/l #	49
38) Carbon Tetrachloride	5.66	117	23470	6.357	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	86695	21.113	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	86695	67.489	ug/l #	12

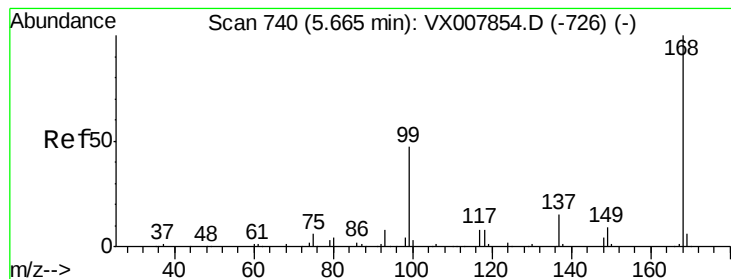
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X030619W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:33:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

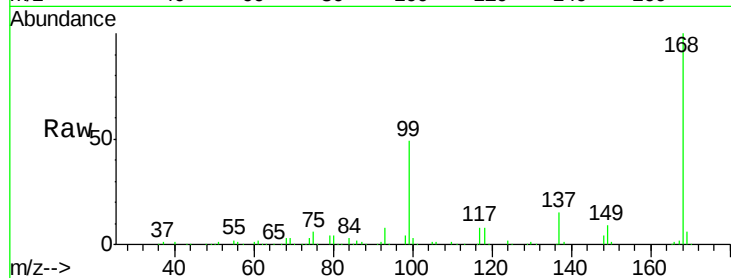
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 274670

Ion Ratio Lower Upper

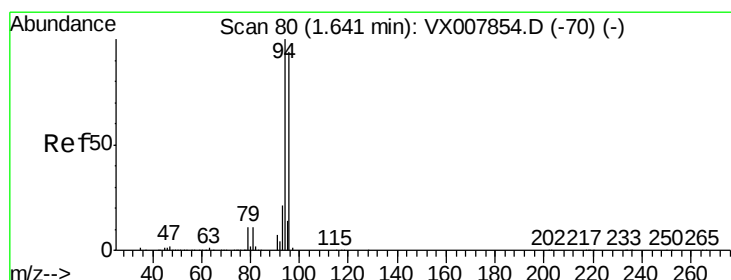
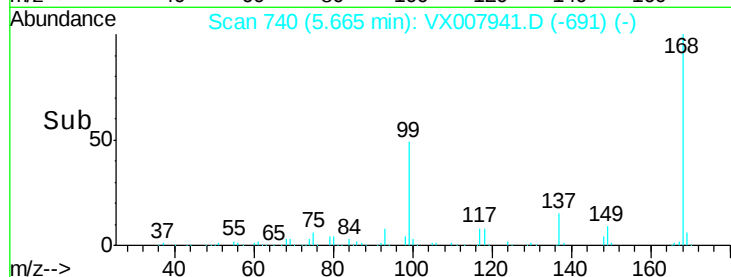
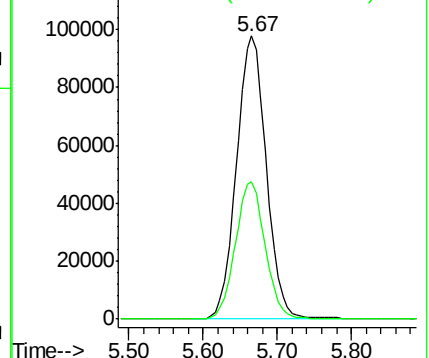
168 100

99 48.7 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007941.D

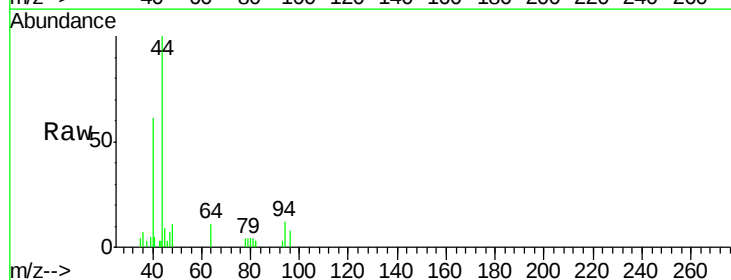
Acq: 08 Mar 2019 20:02

Tgt Ion: 94 Resp: 500

Ion Ratio Lower Upper

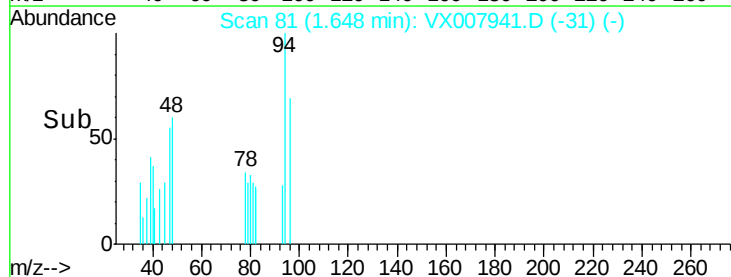
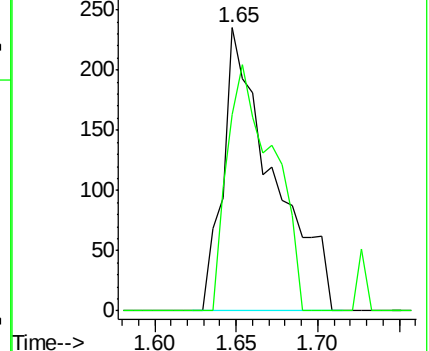
94 100

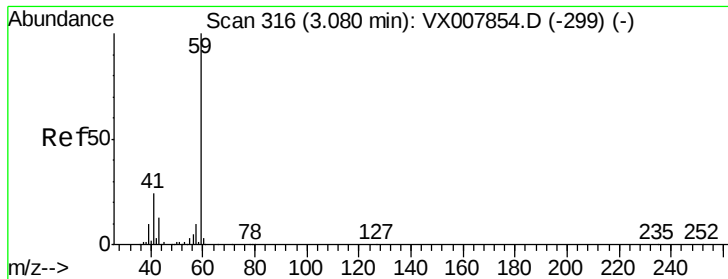
96 69.4 75.5 113.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



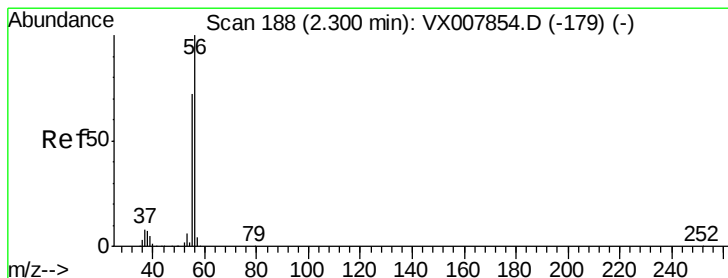
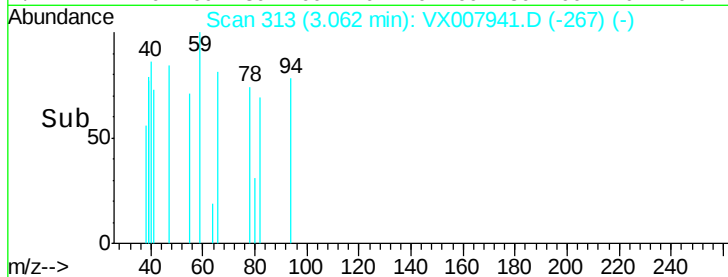
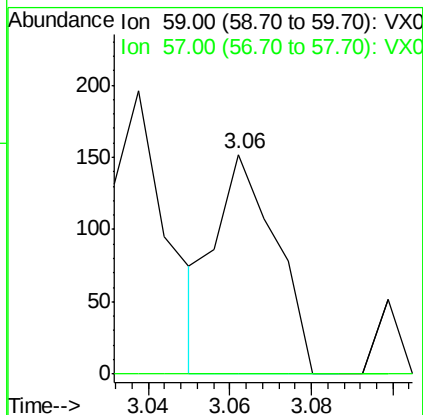
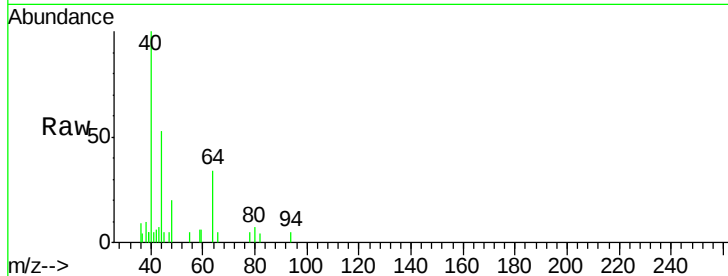


#11

Tert butyl alcohol
 Concen: 0.239 ug/l
 RT: 3.06 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX007941.D
 Acq: 08 Mar 2019 20:02

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

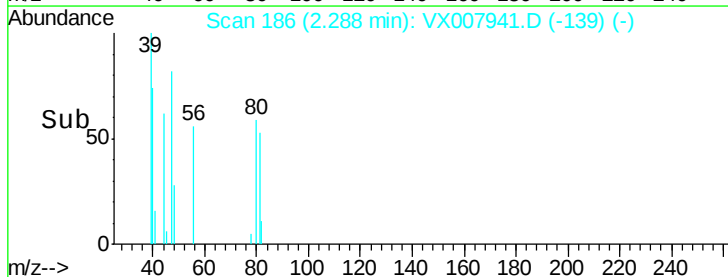
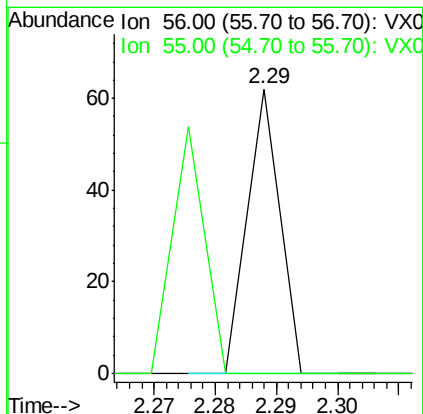
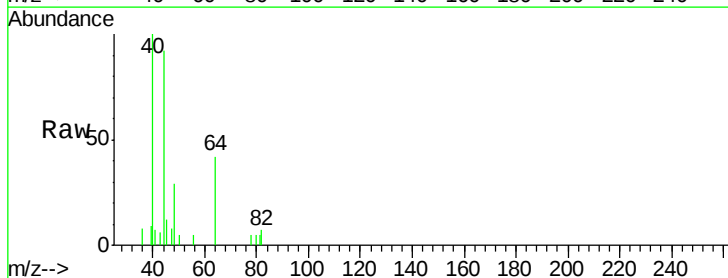
Tot Ion: 59 Resp: 155
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

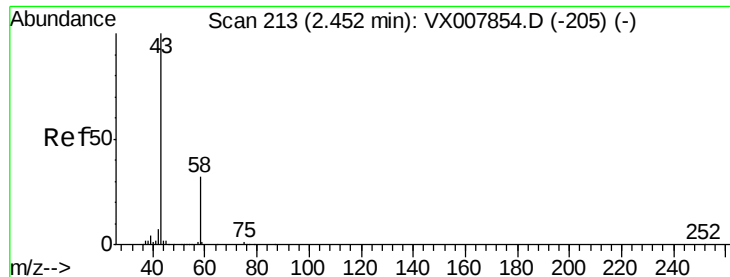


#13

Acrolein
 Concen: 1.604 ug/l
 RT: 2.29 min Scan# 186
 Delta R.T. -0.01 min
 Lab File: VX007941.D
 Acq: 08 Mar 2019 20:02

Tgt Ion: 56 Resp: 23
 Ion Ratio Lower Upper
 56 100
 55 87.0 57.8 86.6#





#16

Acetone

Concen: 0.613 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.01 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

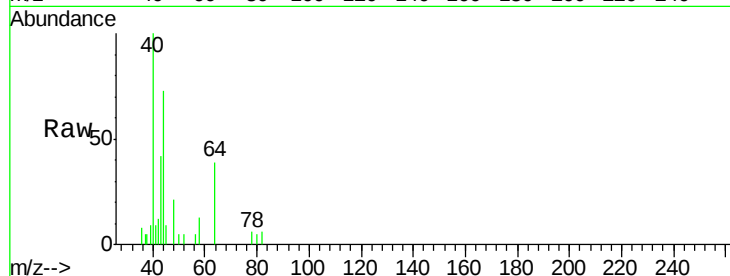
STORAGE-BLANK-WATER-REF-4

Tot Ion: 43 Resp: 1028

Ion Ratio Lower Upper

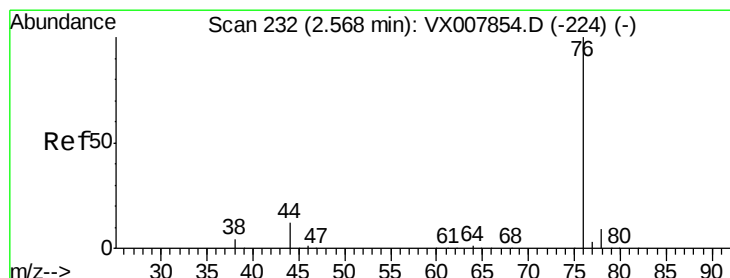
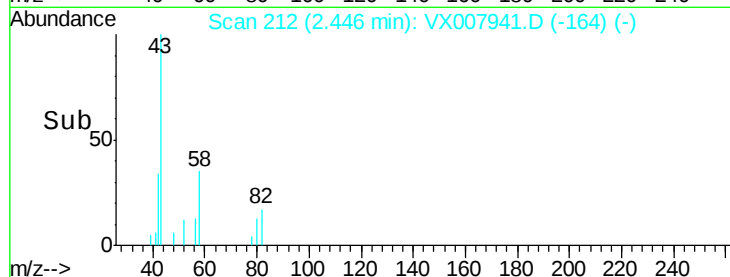
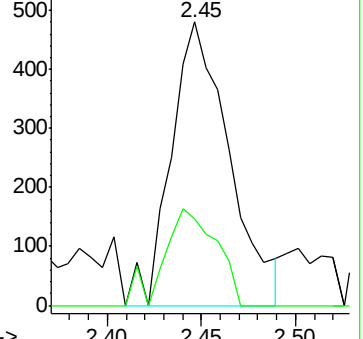
43 100

58 30.6 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: Below Cal

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007941.D

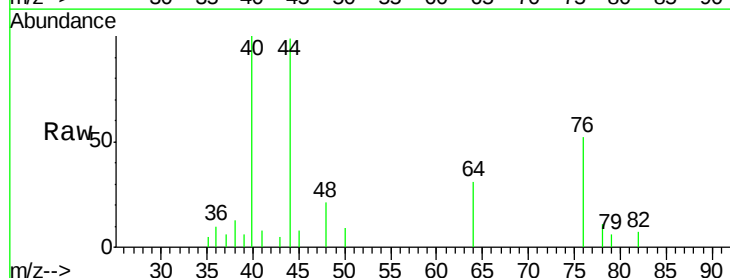
Acq: 08 Mar 2019 20:02

Tgt Ion: 76 Resp: 1159

Ion Ratio Lower Upper

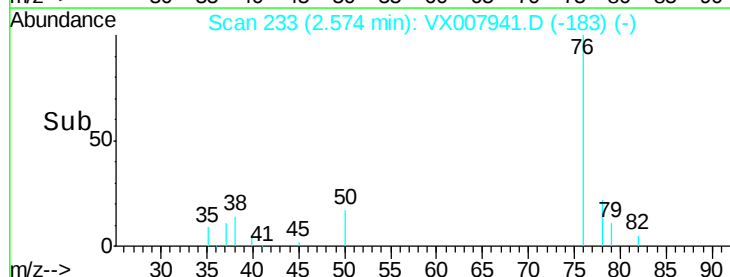
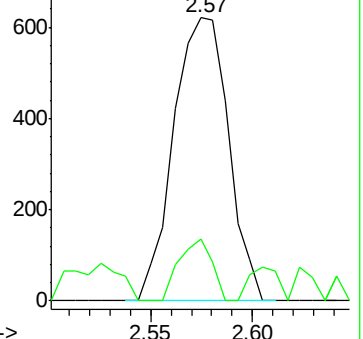
76 100

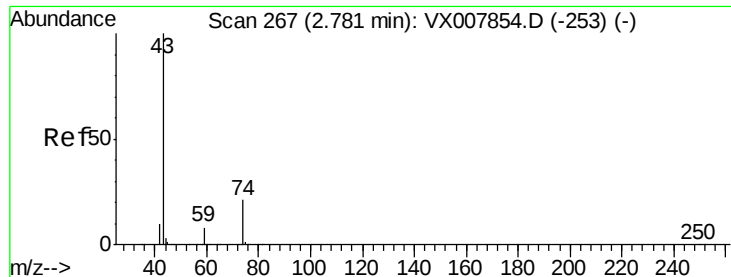
78 13.0 7.2 10.8#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

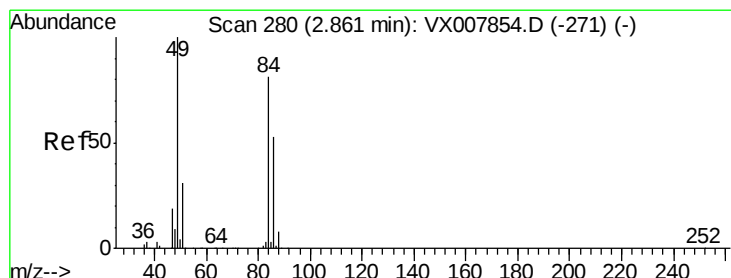
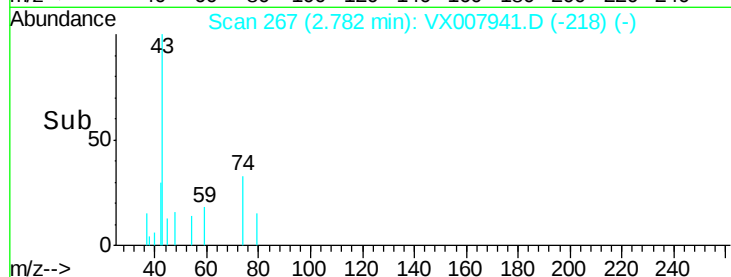
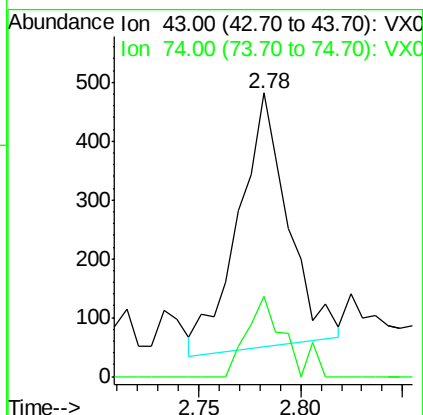
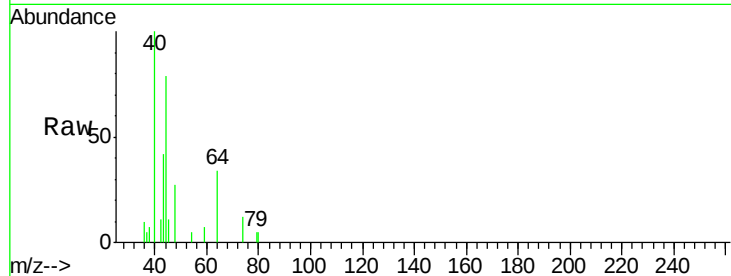




#18
Methyl Acetate
Concen: 0.205 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007941.D
Acq: 08 Mar 2019 20:02

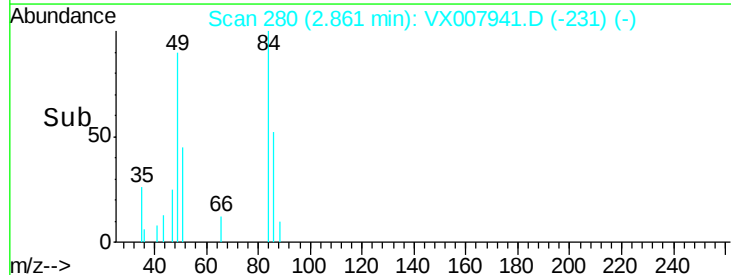
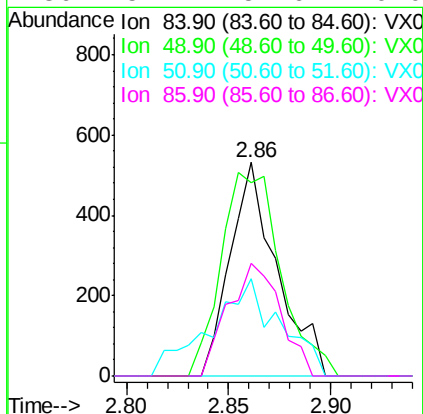
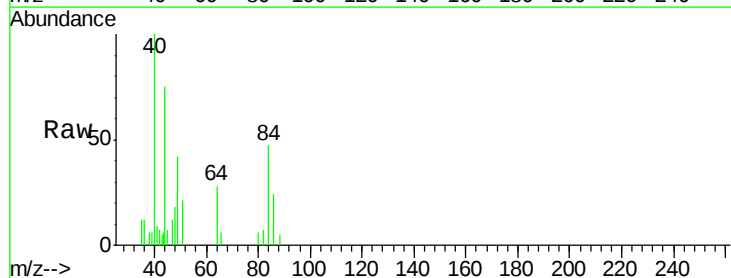
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

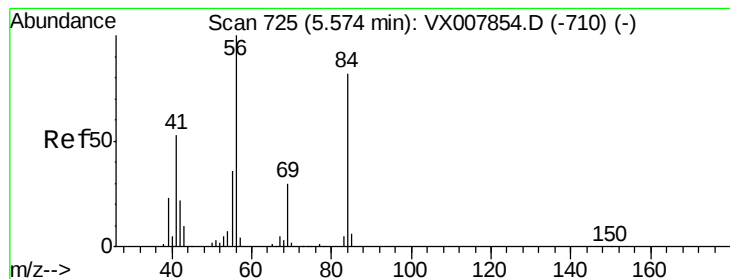
Tot Ion: 43 Resp: 731
Ion Ratio Lower Upper
43 100
74 24.2 17.8 26.6



#20
Methylene Chloride
Concen: 0.317 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007941.D
Acq: 08 Mar 2019 20:02

Tgt Ion: 84 Resp: 846
Ion Ratio Lower Upper
84 100
49 90.4 99.3 148.9#
51 45.5 31.3 46.9
86 52.4 52.6 79.0#





#31

Cyclohexane

Concen: 0.974 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.09 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

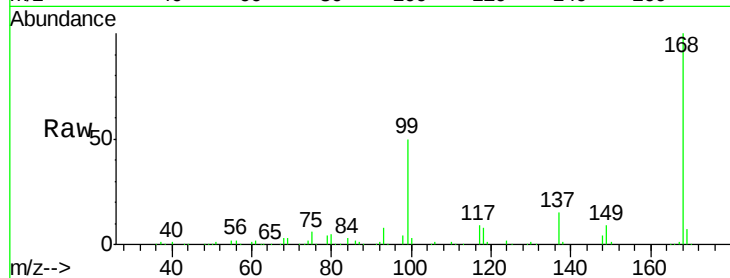
Tot Ion: 56 Resp: 4337

Ion Ratio Lower Upper

56 100

69 203.9 24.0 36.0#

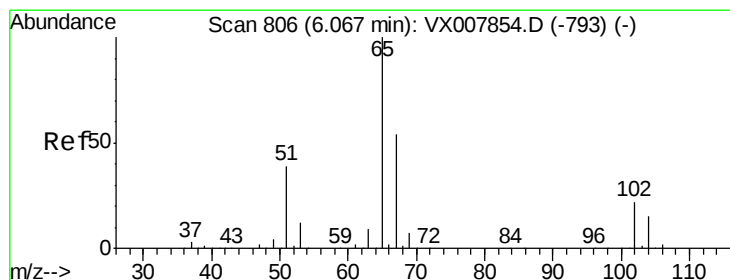
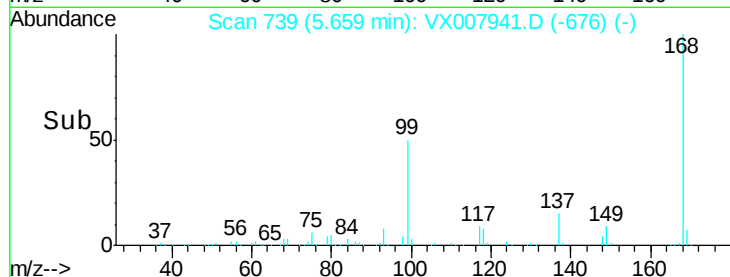
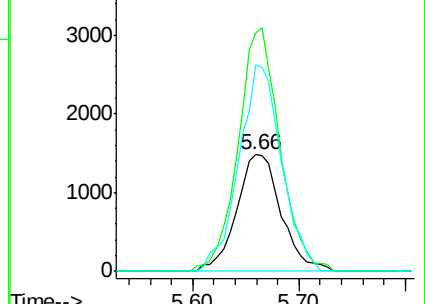
84 176.6 65.3 97.9#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.328 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007941.D

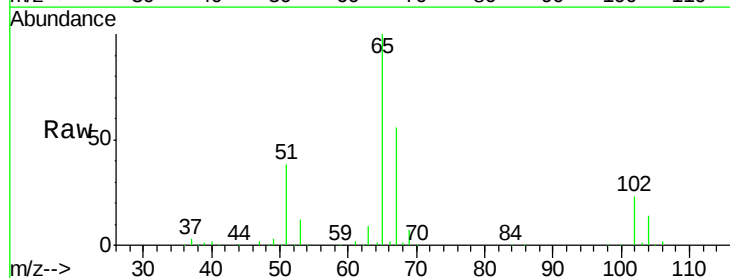
Acq: 08 Mar 2019 20:02

Tgt Ion: 65 Resp: 151622

Ion Ratio Lower Upper

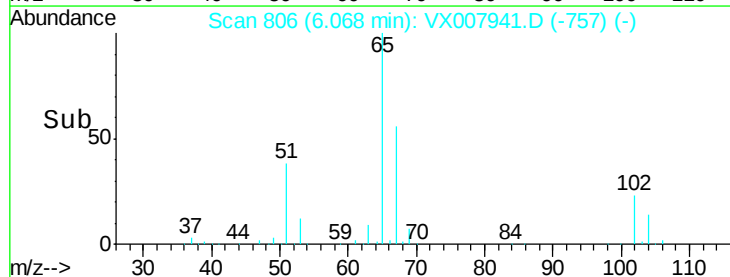
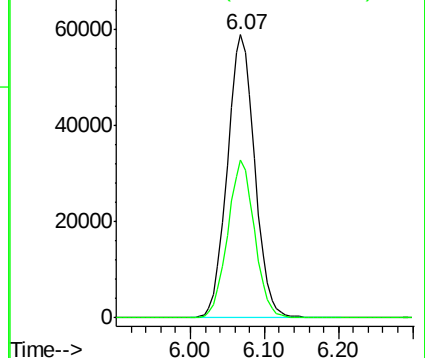
65 100

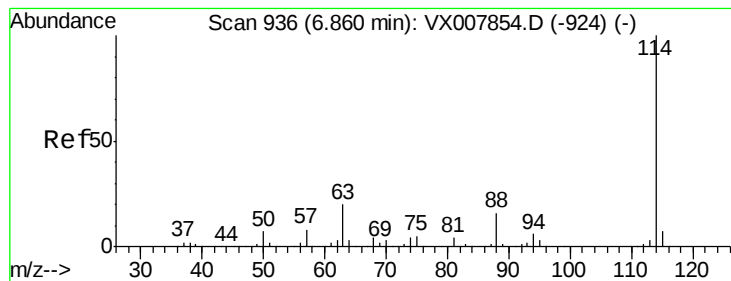
67 54.6 0.0 110.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

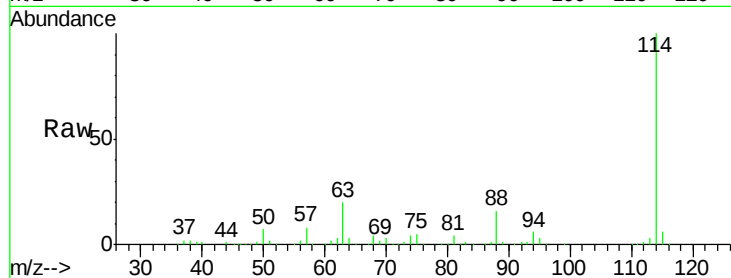
Tot Ion:114 Resp: 429513

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.8

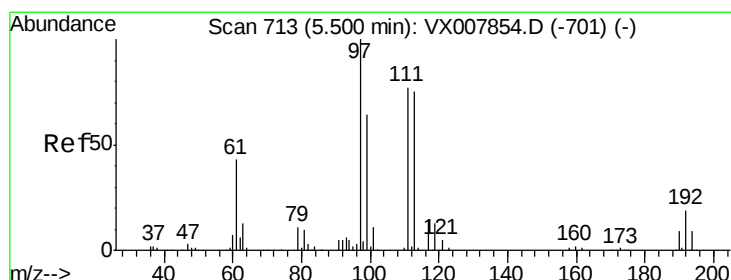
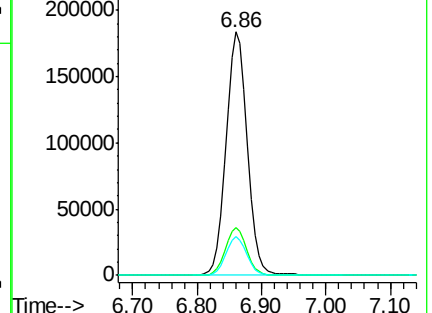
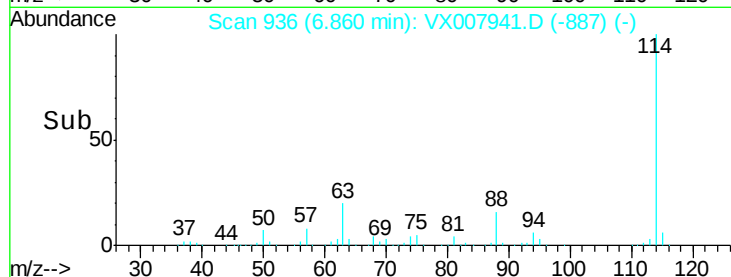
88 15.7 0.0 31.4



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: 50.699 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

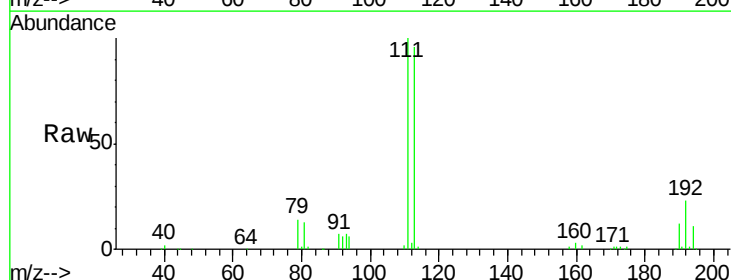
Tgt Ion:113 Resp: 139294

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

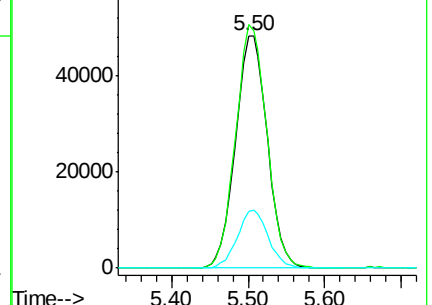
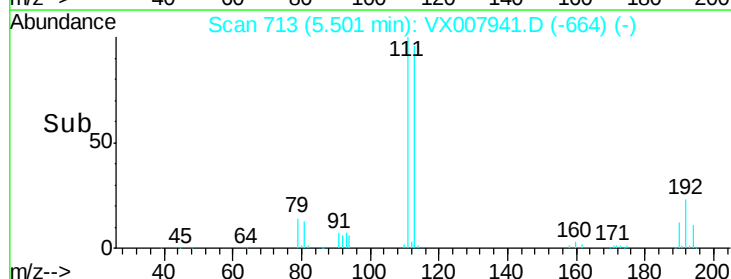
192 24.3 19.4 29.0

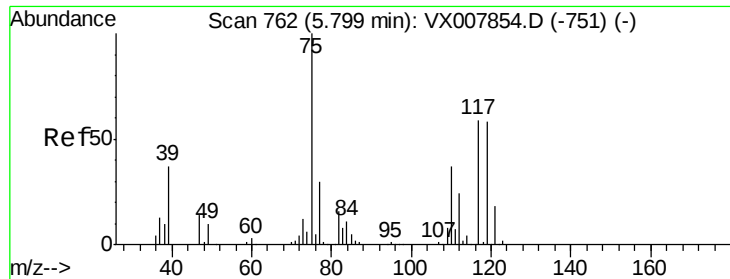


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

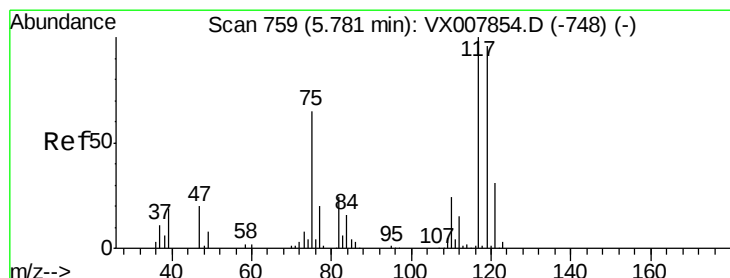
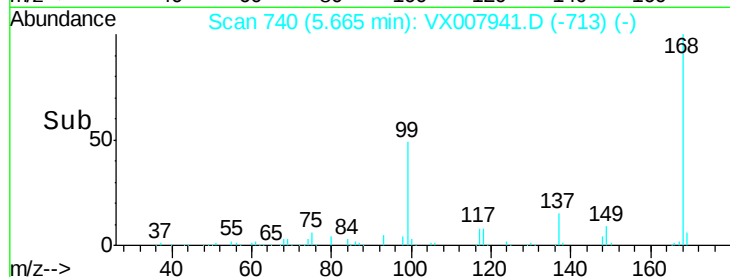
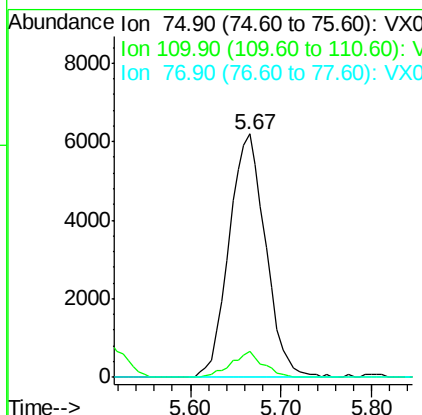
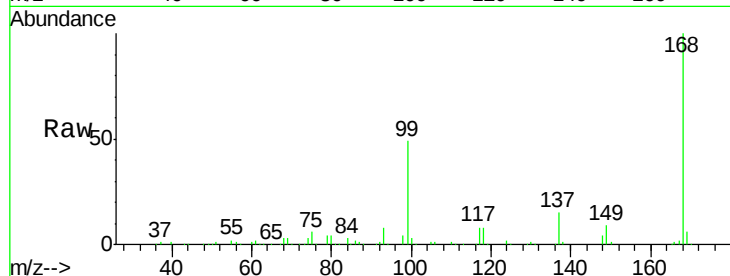




#36
 1,1-Dichloropropene
 Concen: 4.441 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007941.D
 Acq: 08 Mar 2019 20:02

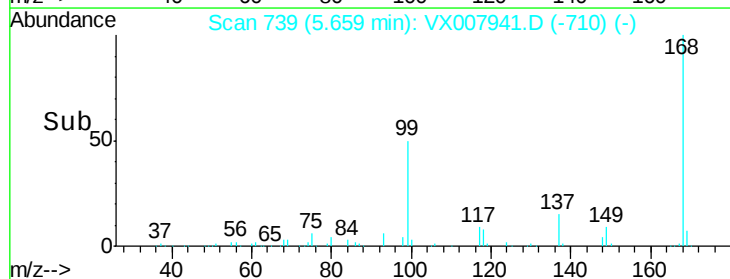
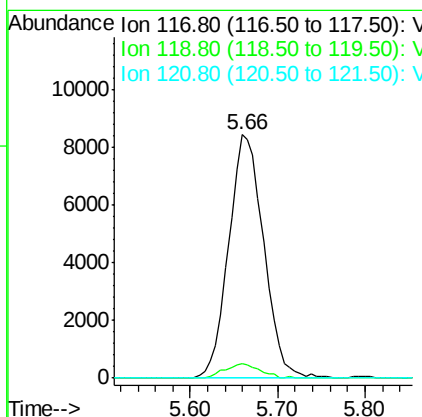
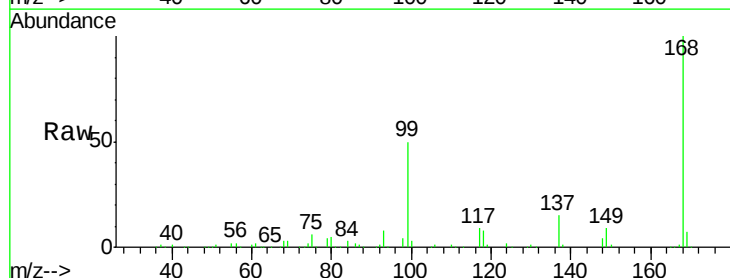
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

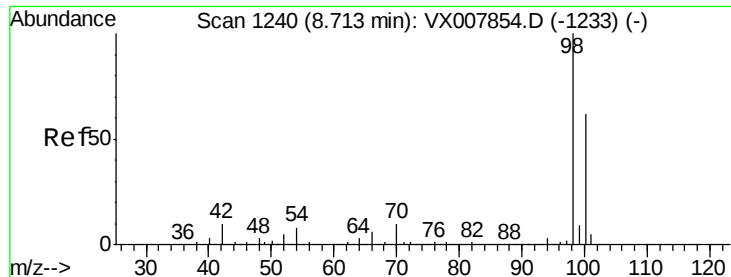
Tot Ion: 75 Resp: 17273
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.4 55.0#
 77 0.0 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.357 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.12 min
 Lab File: VX007941.D
 Acq: 08 Mar 2019 20:02

Tgt Ion: 117 Resp: 23470
 Ion Ratio Lower Upper
 117 100
 119 5.8 76.2 114.2#
 121 0.0 24.6 36.8#

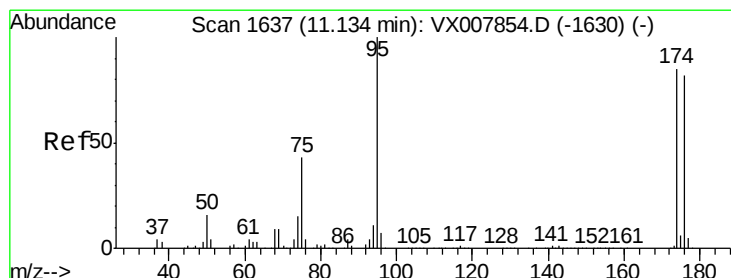
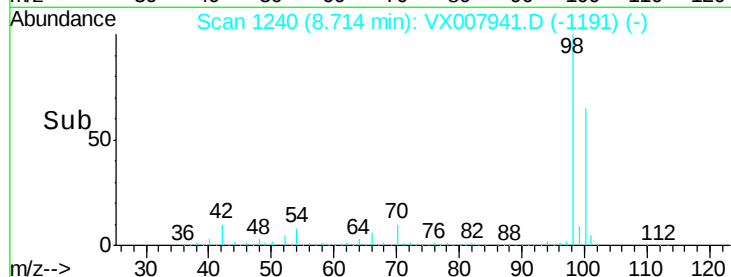
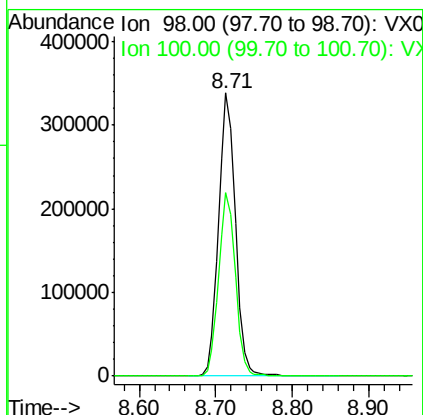
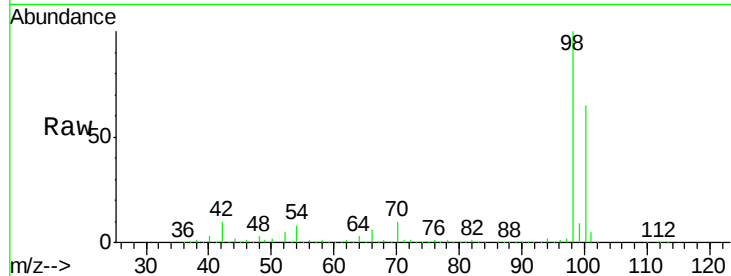




#50
Toluene-d8
Concen: 51.456 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007941.D
Acq: 08 Mar 2019 20:02

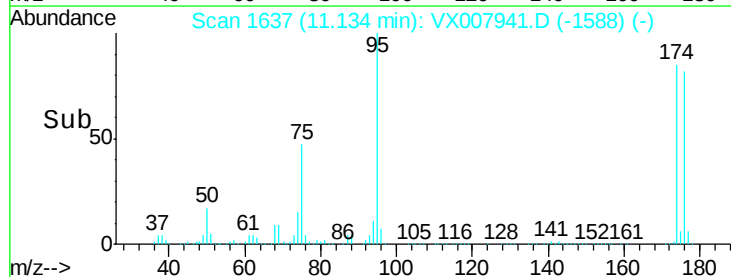
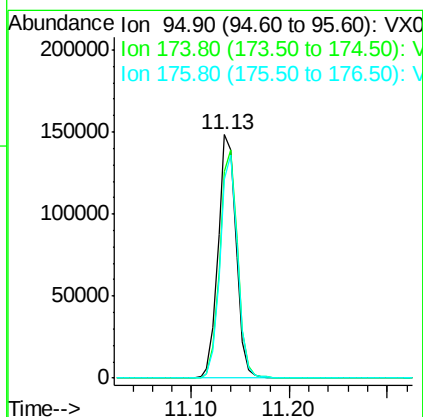
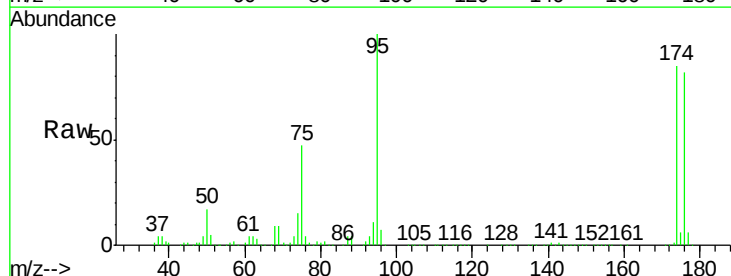
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

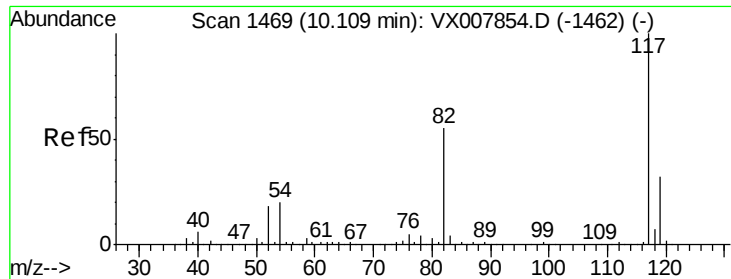
Tot Ion: 98 Resp: 519196
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 53.682 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007941.D
Acq: 08 Mar 2019 20:02

Tgt Ion: 95 Resp: 189906
Ion Ratio Lower Upper
95 100
174 92.3 0.0 182.8
176 89.2 0.0 178.0

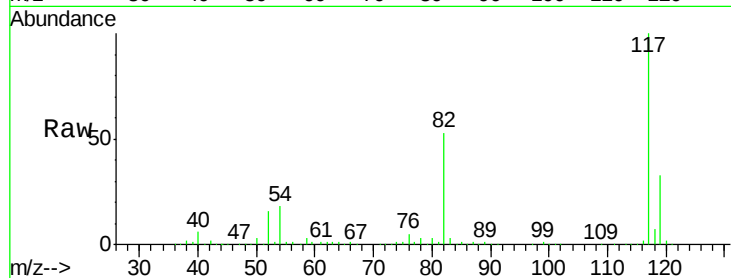




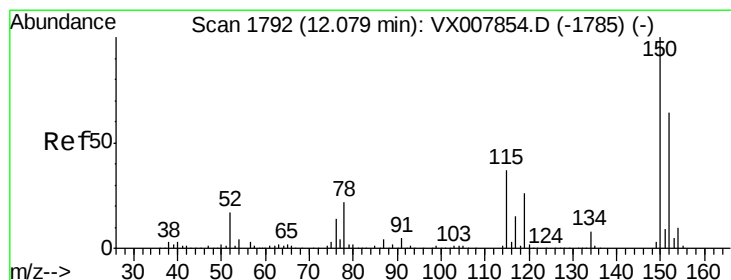
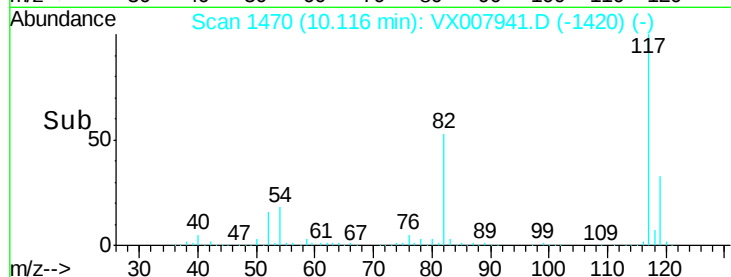
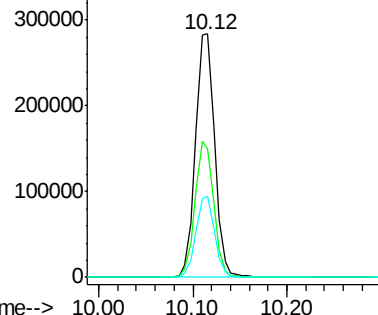
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007941.D
Acq: 08 Mar 2019 20:02

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

Tot Ion:117 Resp: 401020
Ion Ratio Lower Upper
117 100
82 52.6 44.3 66.5
119 33.1 25.3 37.9

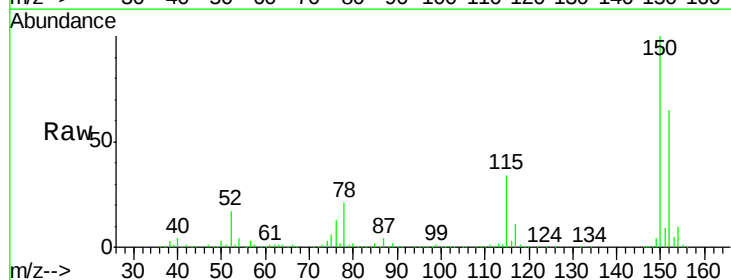


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

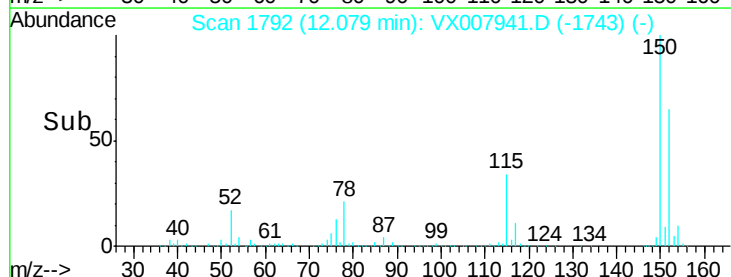
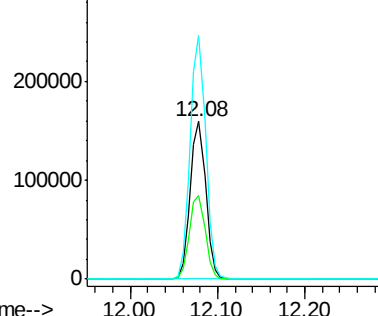


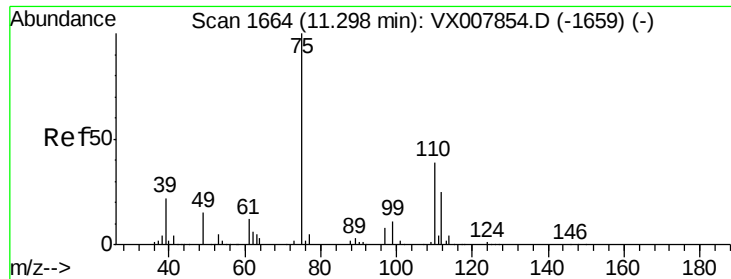
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007941.D
Acq: 08 Mar 2019 20:02

Tgt Ion:152 Resp: 195678
Ion Ratio Lower Upper
152 100
115 54.0 38.6 115.7
150 154.8 0.0 348.4



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: 21.113 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

Instrument :

MSVOA_X

ClientSampleId :

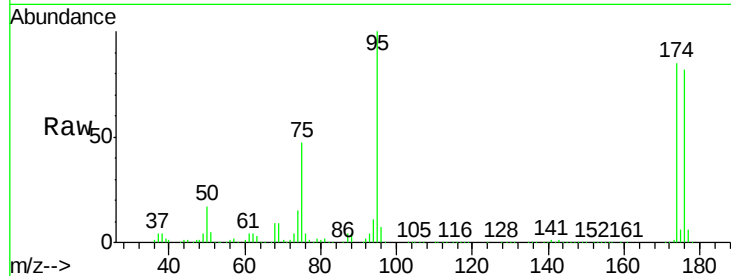
STORAGE-BLANK-WATER-REF-4

Tot Ion: 75 Resp: 86695

Ion Ratio Lower Upper

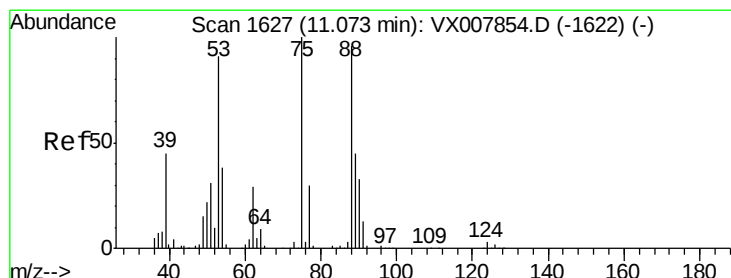
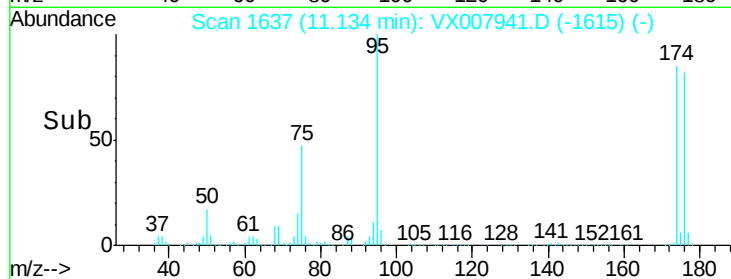
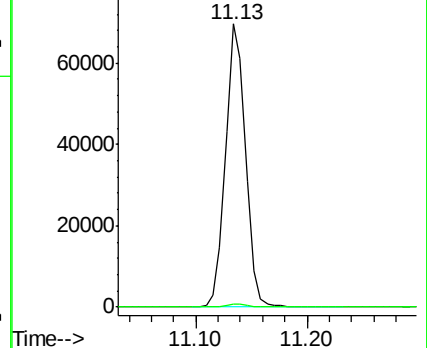
75 100

77 1.2 18.9 56.7#



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: 67.489 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007941.D

Acq: 08 Mar 2019 20:02

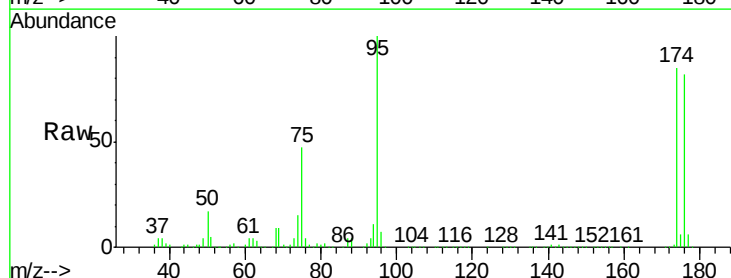
Tgt Ion: 75 Resp: 86695

Ion Ratio Lower Upper

75 100

53 0.1 76.1 114.1#

89 0.0 36.3 54.5#



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

