

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
 Data File : VX013458.D
 Acq On : 19 Nov 2019 11:57
 Operator : JC/SP
 Sample : K5909-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Nov 19 16:13:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	701444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1133748	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	990538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	425961	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	411992	49.58	ug/l	0.00
Spiked Amount			Recovery	=	99.16%	
35) Dibromofluoromethane	5.48	113	345801	48.63	ug/l	0.00
Spiked Amount			Recovery	=	97.26%	
50) Toluene-d8	8.71	98	1342375	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.14	95	435324	44.99	ug/l	0.00
Spiked Amount			Recovery	=	89.98%	

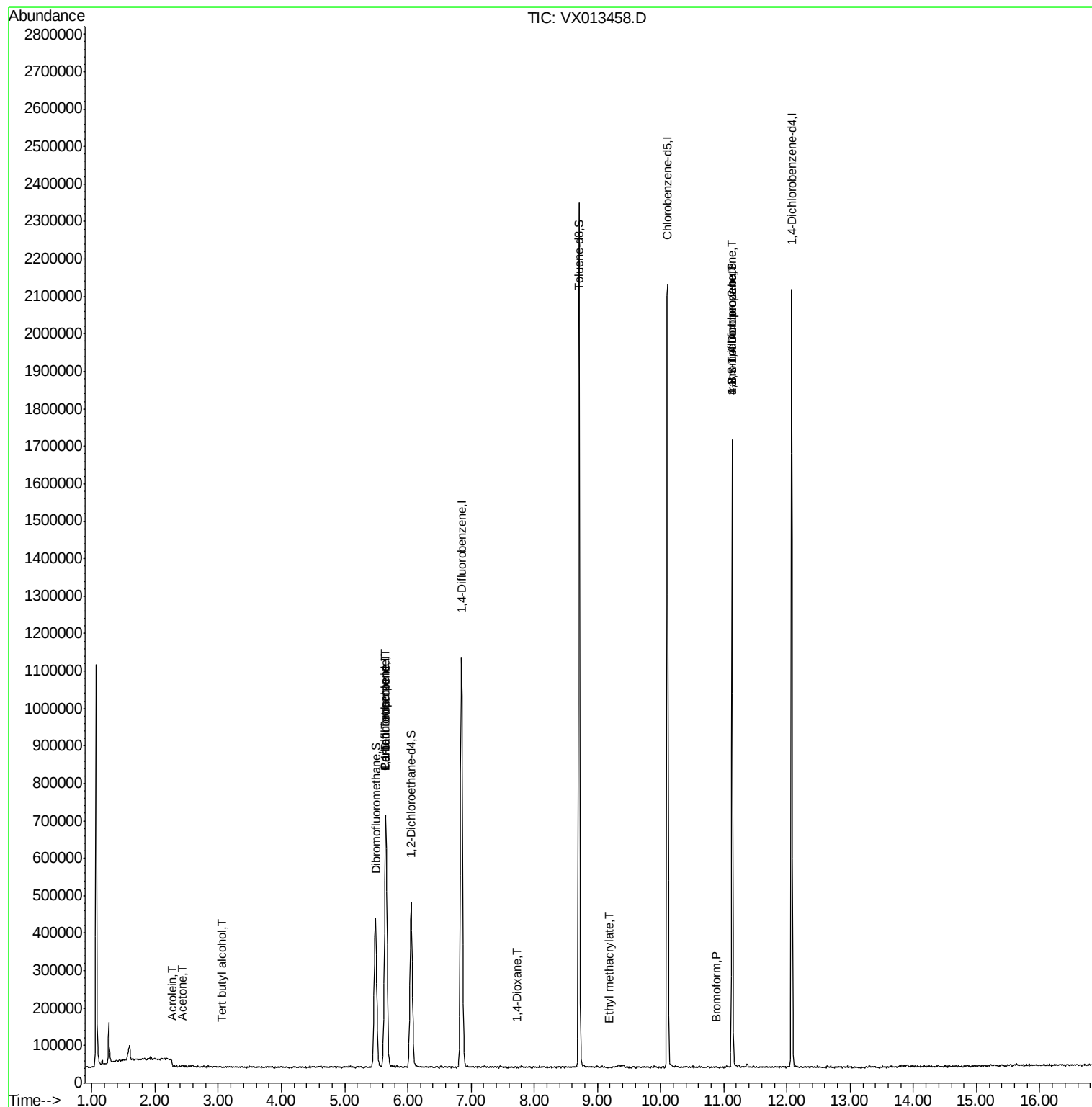
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.69	64	481	Below Cal	#	46
11) Tert butyl alcohol	3.06	59	493	0.225	ug/l #	1
13) Acrolein	2.28	56	519	0.437	ug/l #	14
16) Acetone	2.44	43	3202	0.773	ug/l	94
36) 1,1-Dichloropropene	5.65	75	47311	4.864	ug/l #	53
38) Carbon Tetrachloride	5.65	117	61183	6.433	ug/l #	17
49) 1,4-Dioxane	7.73	88	212	0.991	ug/l #	1
56) Ethyl methacrylate	9.18	69	567	1.604	ug/l #	41
71) Bromoform	10.87	173	232	3.234	ug/l #	28
76) 1,2,3-Trichloropropane	11.13	75	214451	24.787	ug/l #	34
81) trans-1,4-Dichloro-2-buten	11.13	75	214451	63.801	ug/l #	10

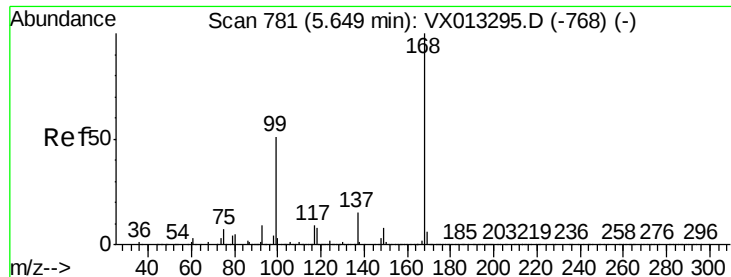
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX111919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
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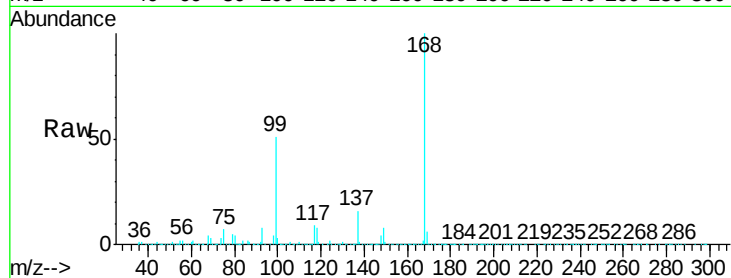


#1

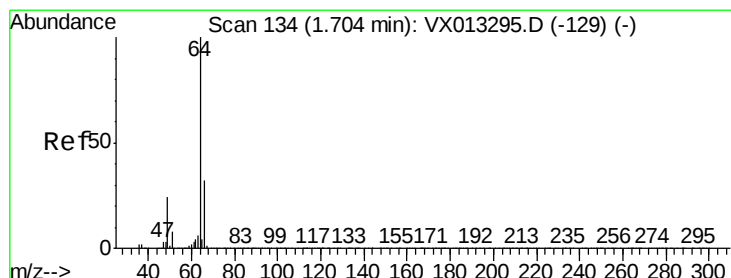
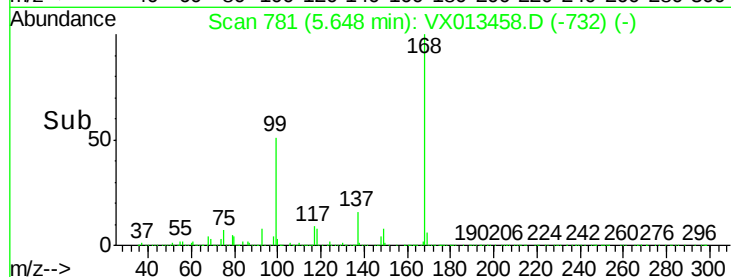
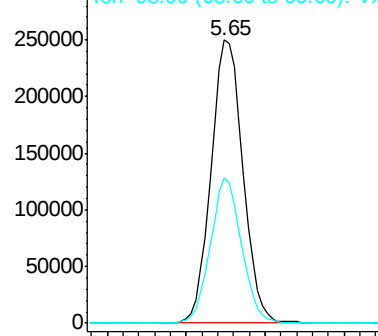
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.00 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

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

Tgt Ion:168 Resp: 701444
Ion Ratio Lower Upper
168 100
99 51.4 40.8 61.2



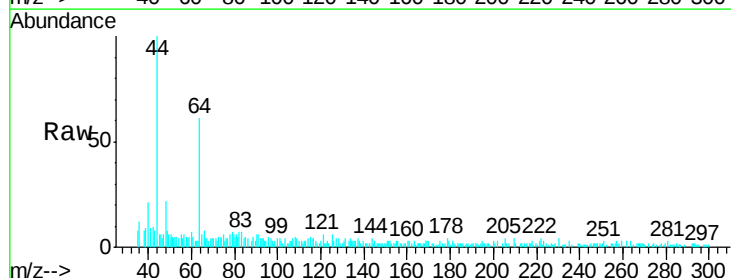
Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VX0



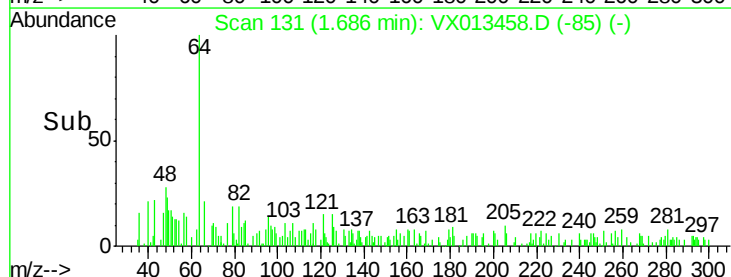
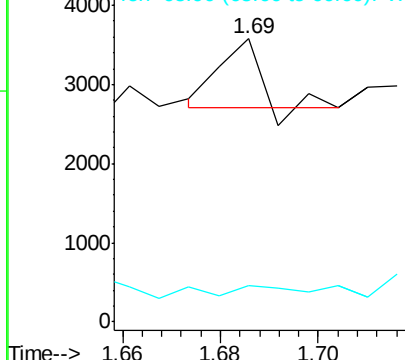
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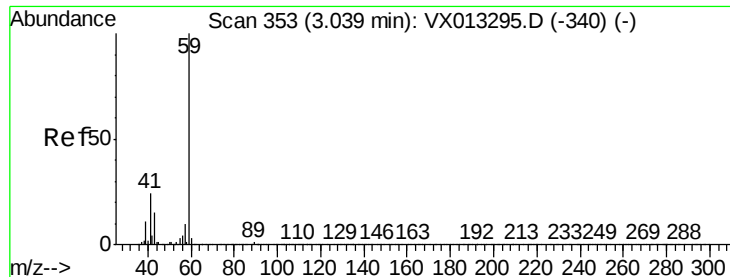
Chloroethane
Concen: Below Cal
RT: 1.69 min Scan# 131
Delta R.T. -0.02 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

Tgt Ion: 64 Resp: 481
Ion Ratio Lower Upper
64 100
66 2.0 25.6 38.4#



Abundance Ion 63.90 (63.60 to 64.60): VX0
Ion 65.90 (65.60 to 66.60): VX0



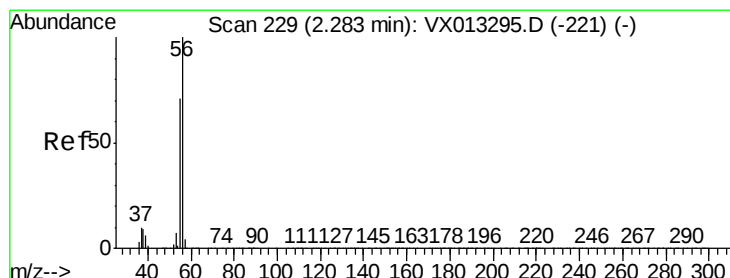
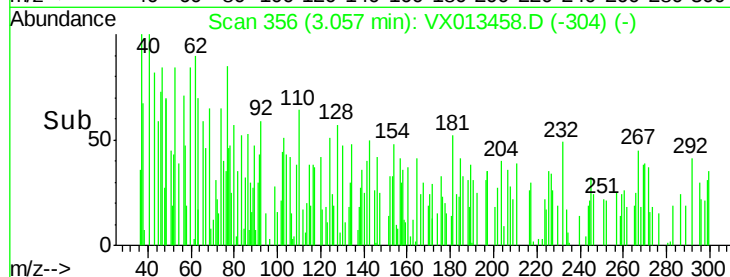
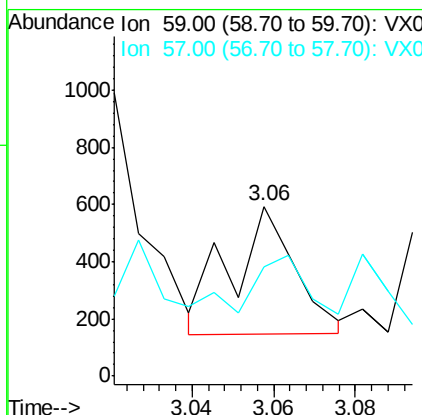
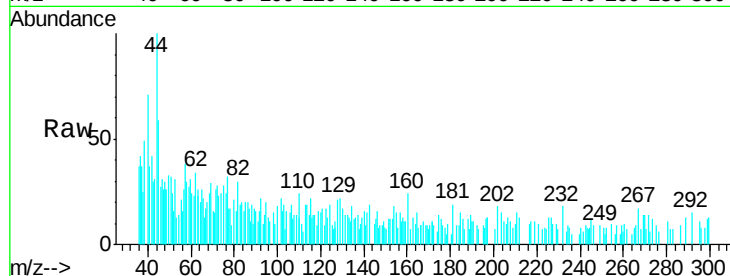


#11

Tert butyl alcohol
Concen: 0.225 ug/l
RT: 3.06 min Scan# 356
Delta R.T. 0.02 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

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

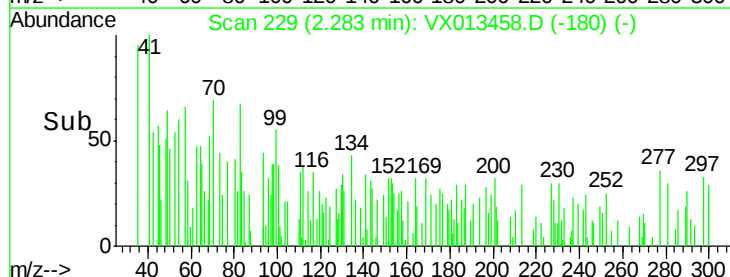
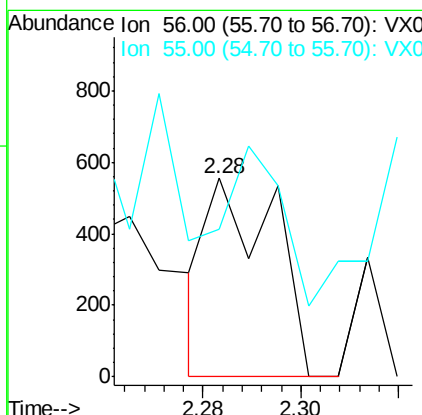
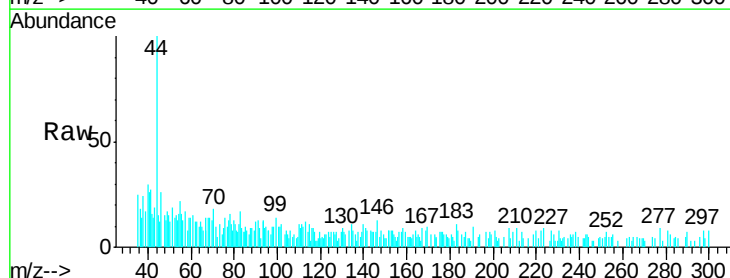
Tgt Ion: 59 Resp: 493
Ion Ratio Lower Upper
59 100
57 52.5 8.0 12.0#

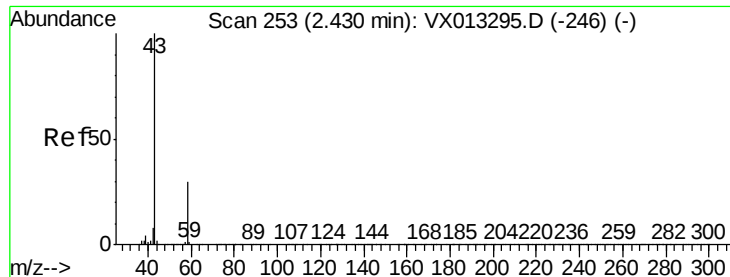


#13

Acrolein
Concen: 0.437 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

Tgt Ion: 56 Resp: 519
Ion Ratio Lower Upper
56 100
55 0.0 57.4 86.0#

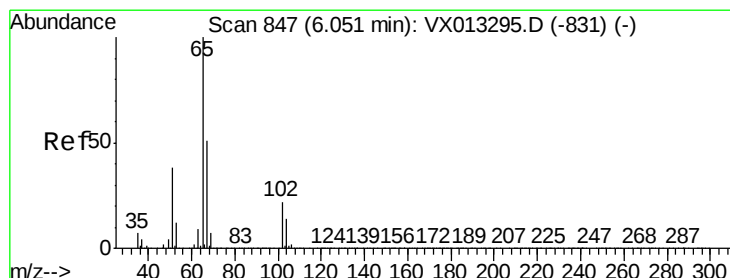
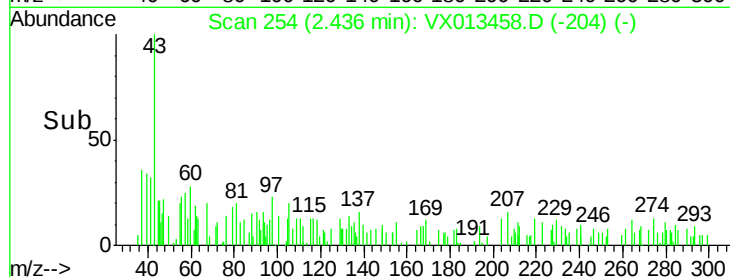
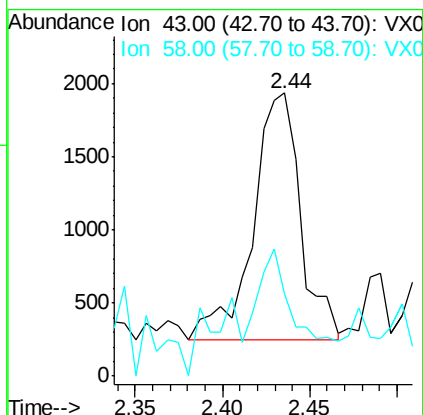
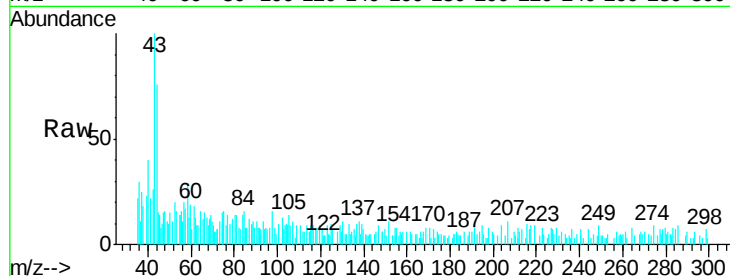




#16
Acetone
Concen: 0.773 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

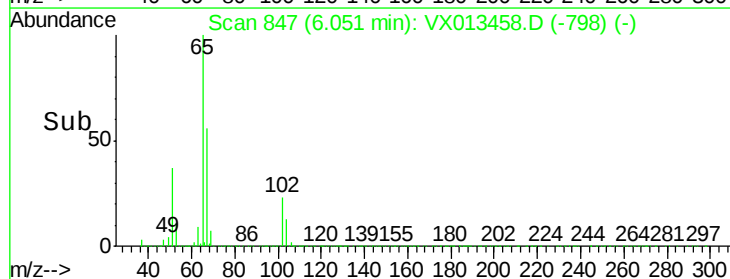
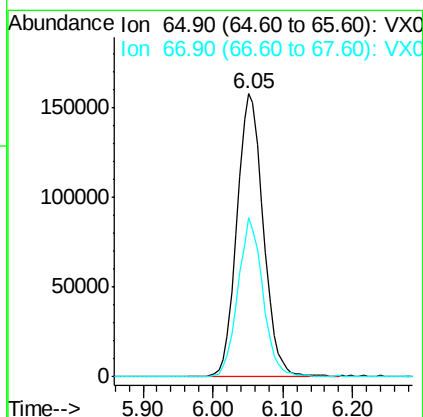
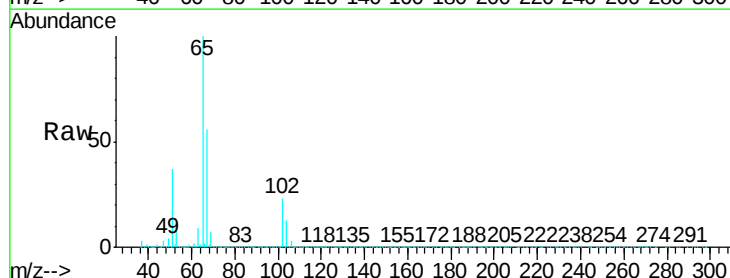
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

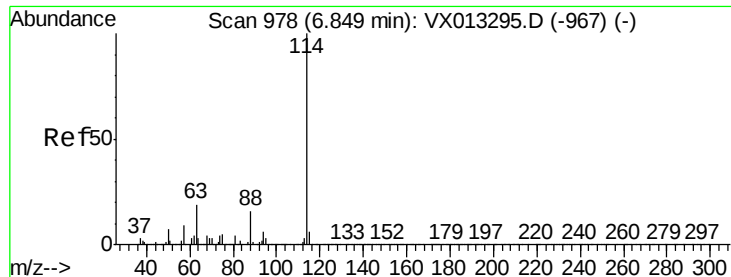
Tgt Ion: 43 Resp: 3202
Ion Ratio Lower Upper
43 100
58 33.5 24.3 36.5



#33
1,2-Dichloroethane-d4
Concen: 49.578 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

Tgt Ion: 65 Resp: 411992
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

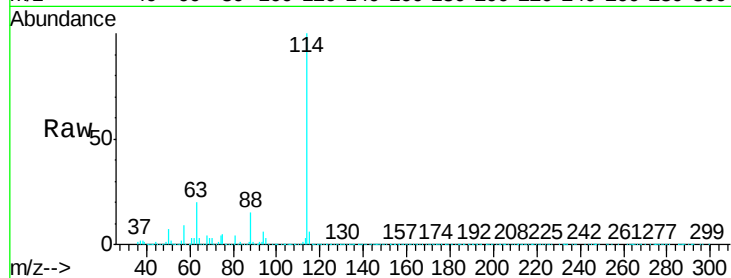
Tgt Ion:114 Resp: 1133748

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

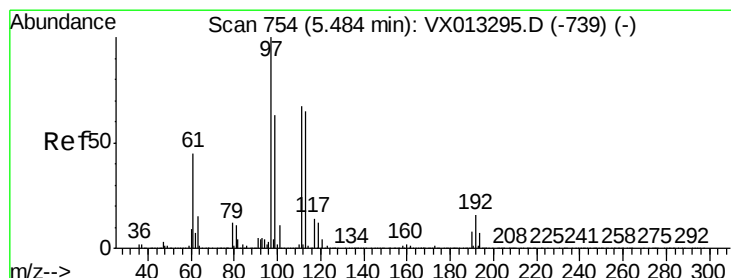
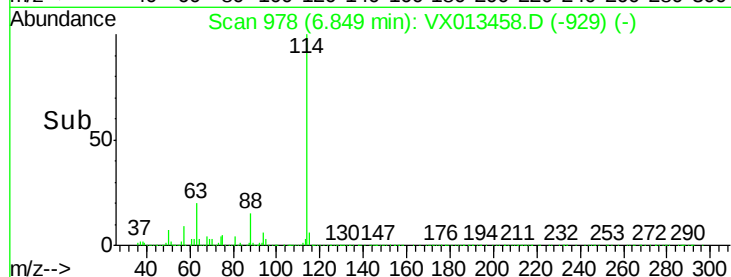
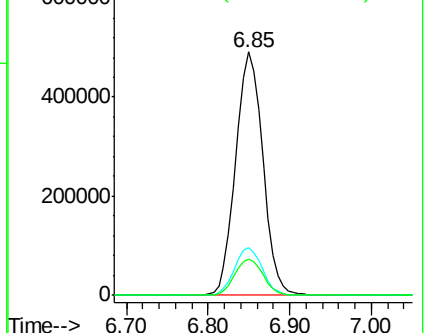
88 14.7 0.0 32.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.629 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

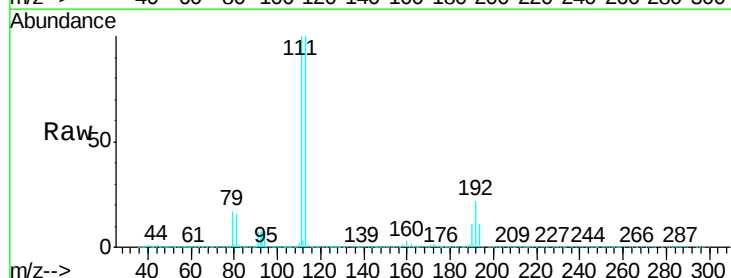
Tgt Ion:113 Resp: 345801

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

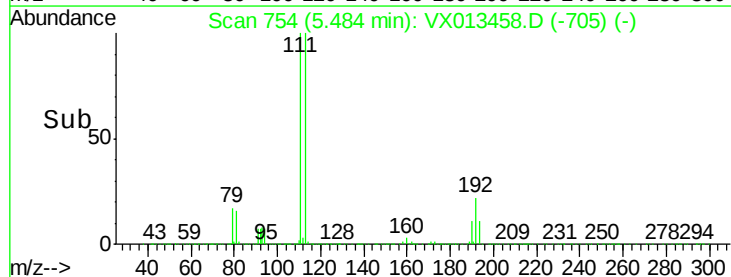
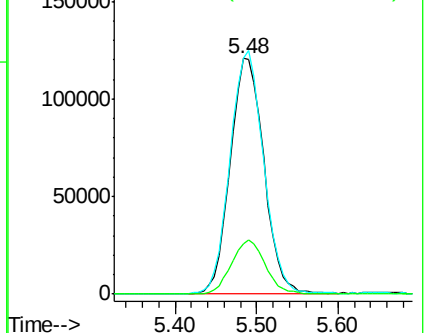
192 23.1 19.1 28.7

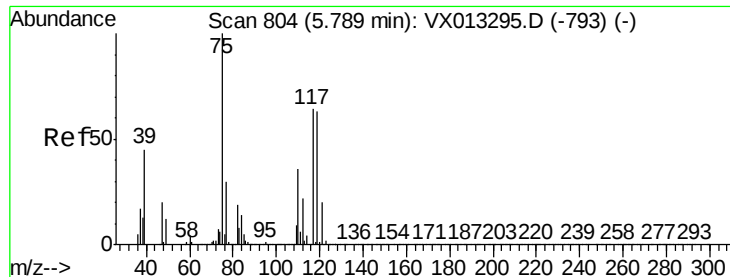


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

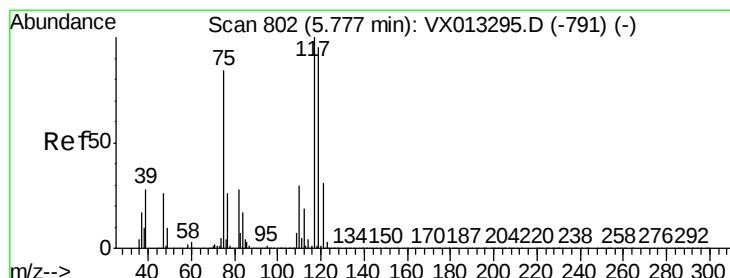
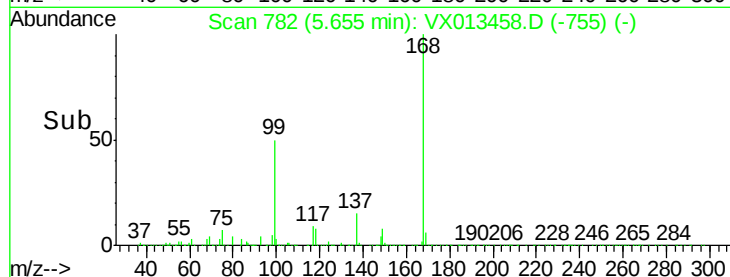
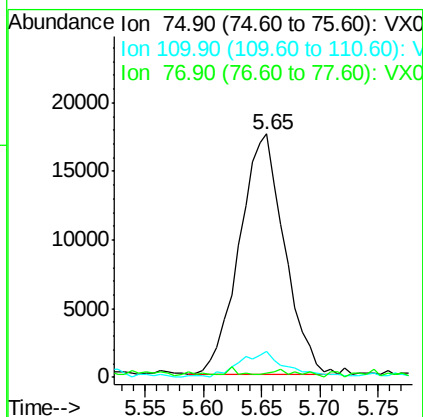
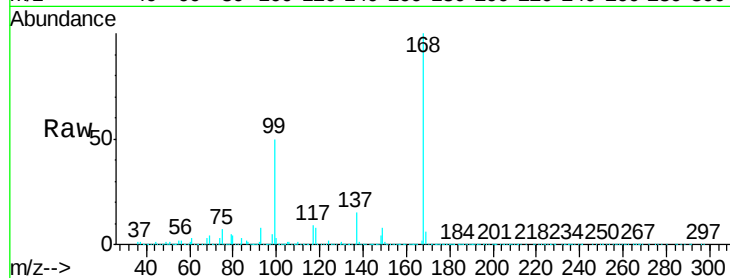




#36
 1,1-Dichloropropene
 Concen: 4.864 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX013458.D
 Acq: 19 Nov 2019 11:57

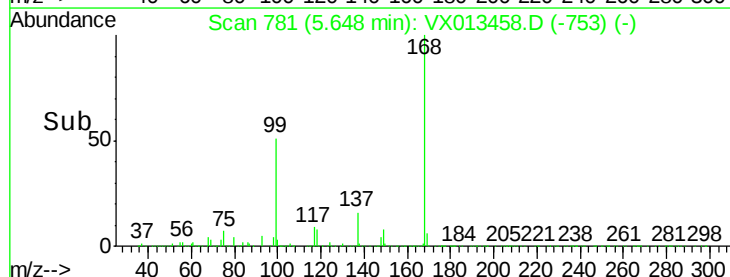
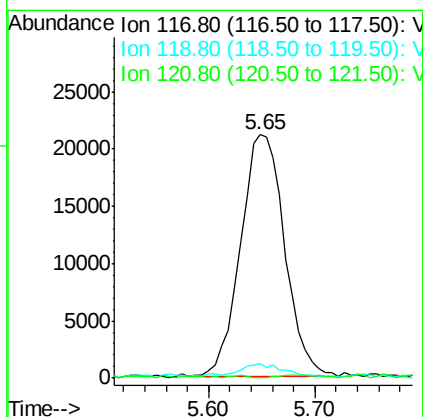
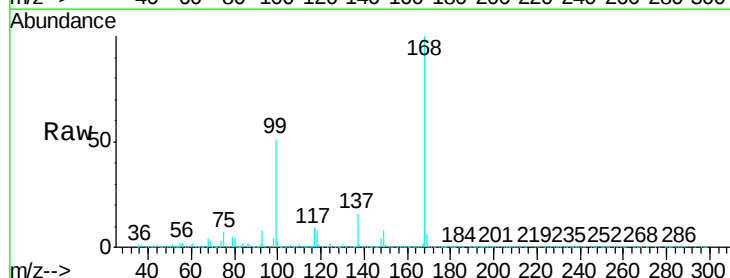
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

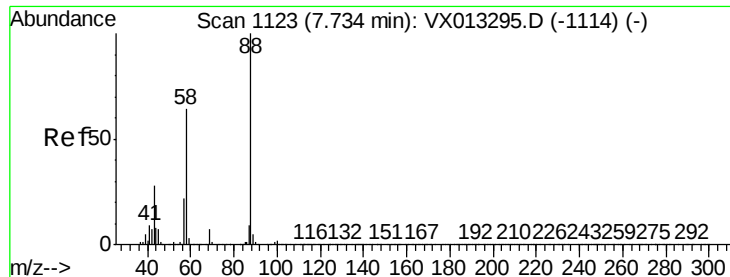
Tgt Ion: 75 Resp: 47311
 Ion Ratio Lower Upper
 75 100
 110 11.5 18.1 54.1#
 77 2.3 25.0 37.4#



#38
 Carbon Tetrachloride
 Concen: 6.433 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX013458.D
 Acq: 19 Nov 2019 11:57

Tgt Ion: 117 Resp: 61183
 Ion Ratio Lower Upper
 117 100
 119 5.4 76.1 114.1#
 121 0.0 24.6 37.0#





#49

1,4-Dioxane

Concen: 0.991 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.00 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

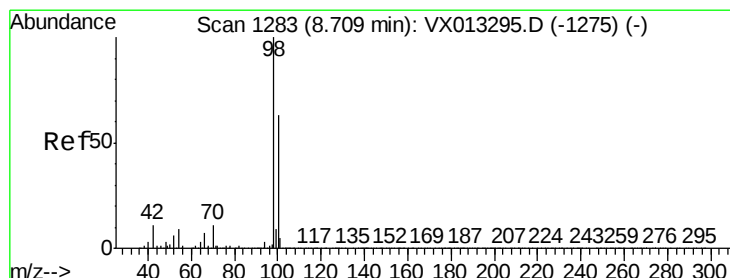
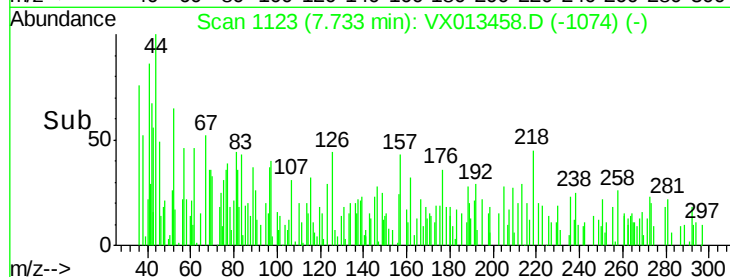
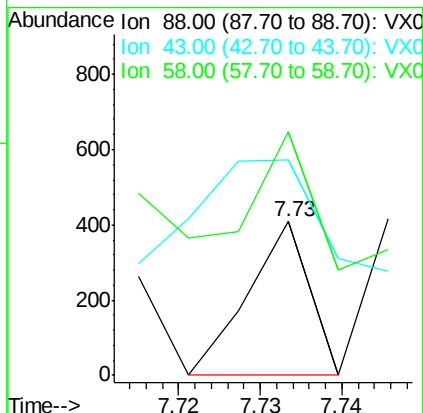
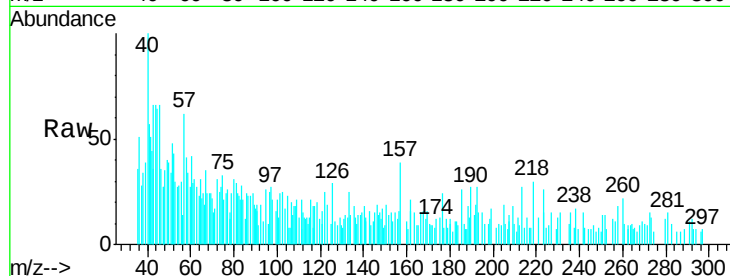
Tgt Ion: 88 Resp: 212

Ion Ratio Lower Upper

88 100

43 160.4 26.6 39.8#

58 355.2 55.0 82.6#



#50

Toluene-d8

Concen: 50.074 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013458.D

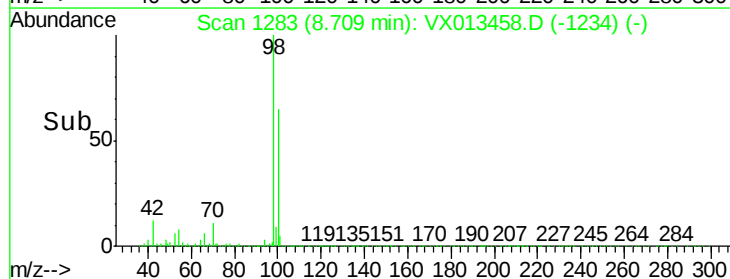
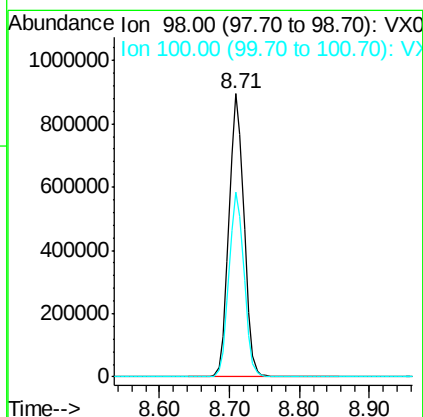
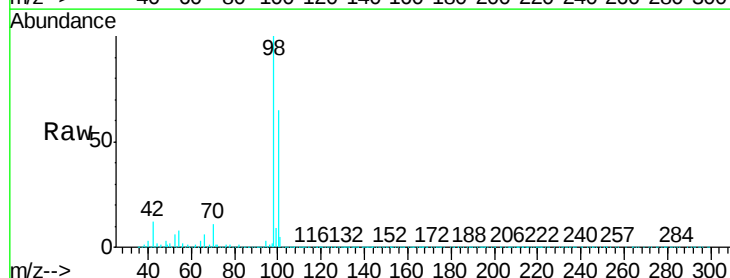
Acq: 19 Nov 2019 11:57

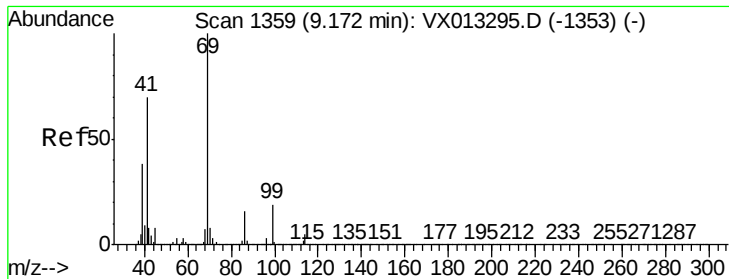
Tgt Ion: 98 Resp: 1342375

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.2





#56

Ethyl methacrylate

Concen: 1.604 ug/l

RT: 9.18 min Scan# 1361

Delta R.T. 0.01 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

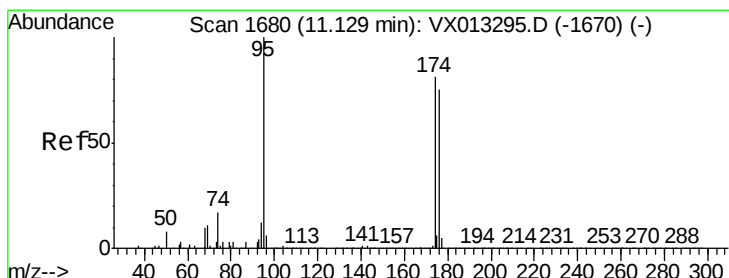
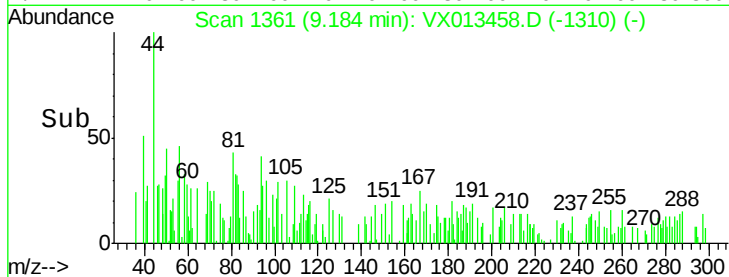
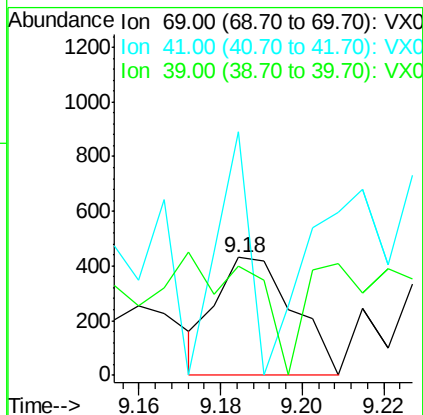
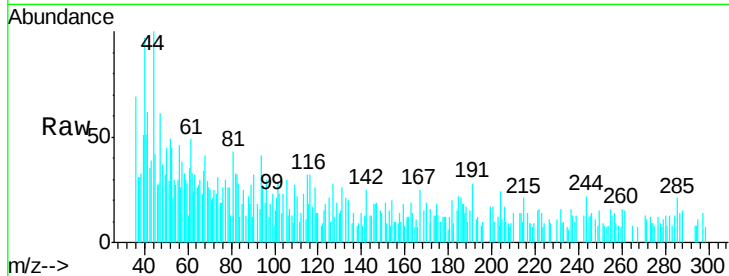
Tgt Ion: 69 Resp: 567

Ion Ratio Lower Upper

69 100

41 86.4 56.2 84.2#

39 117.3 31.1 46.7#



#62

4-Bromofluorobenzene

Concen: 44.994 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

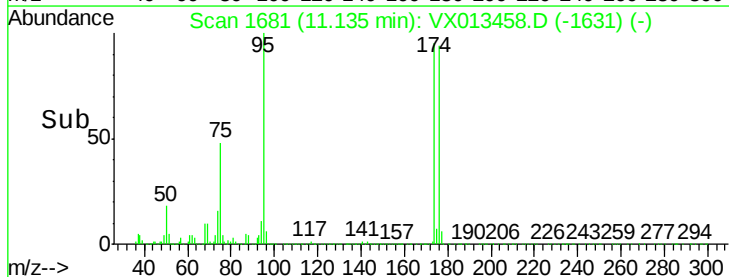
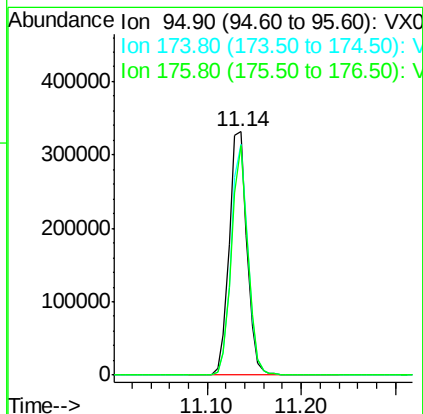
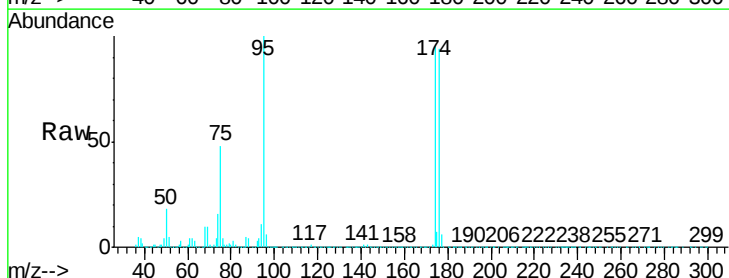
Tgt Ion: 95 Resp: 435324

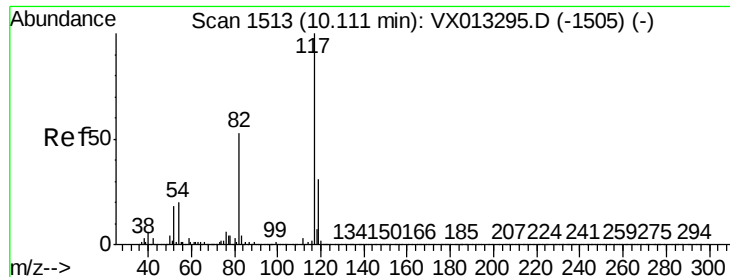
Ion Ratio Lower Upper

95 100

174 89.1 0.0 179.8

176 87.1 0.0 173.0

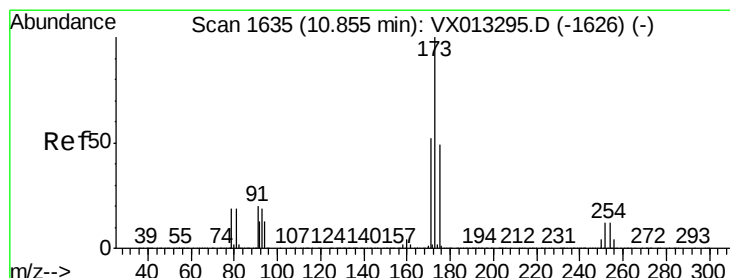
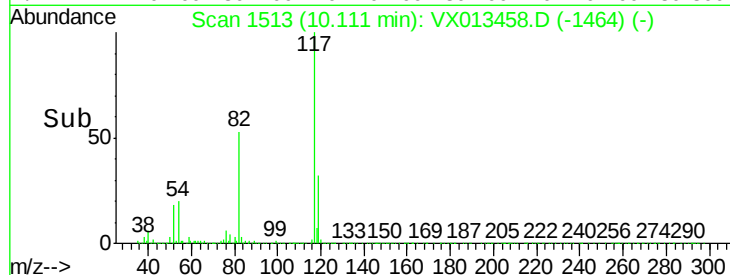
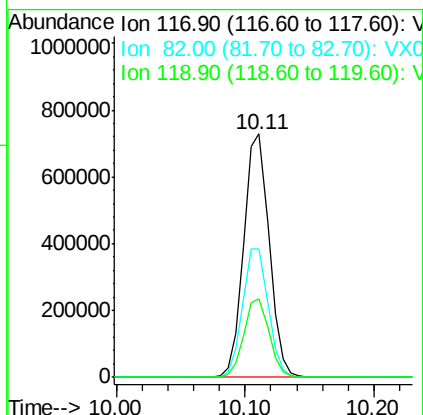
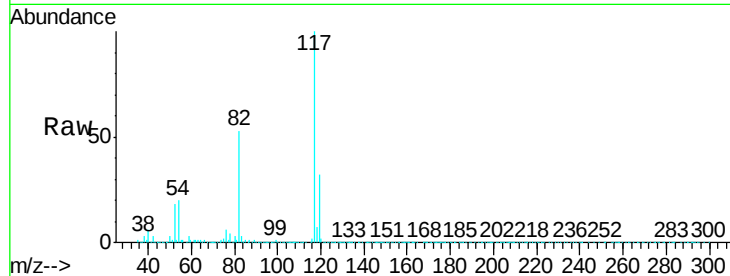




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

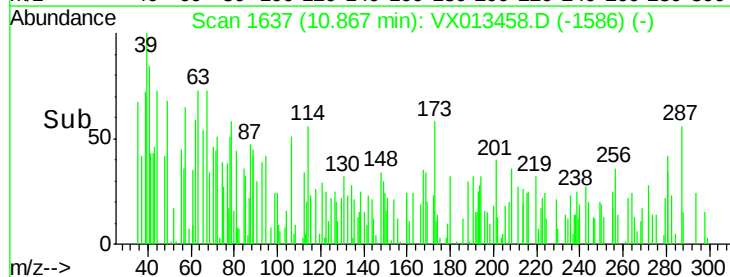
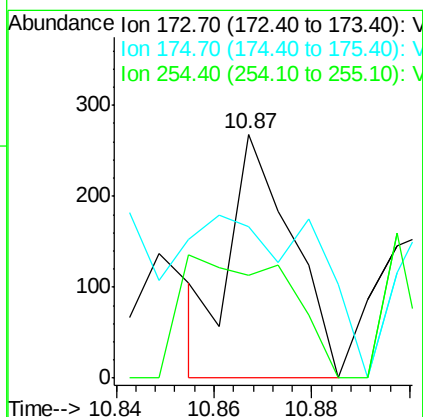
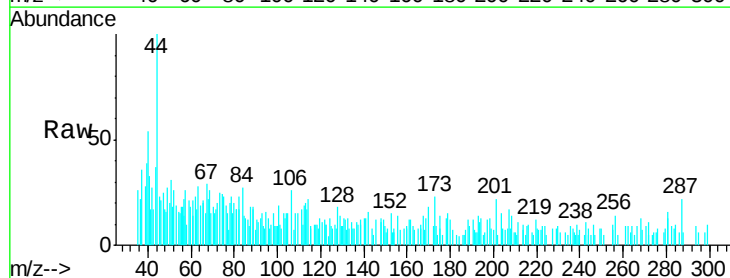
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

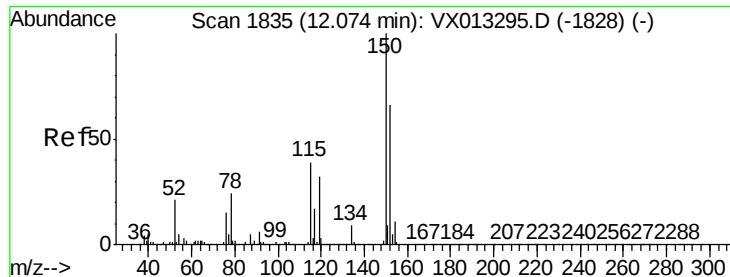
Tgt Ion:117 Resp: 990538
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.3 24.8 37.2



#71
Bromoform
Concen: 3.234 ug/l
RT: 10.87 min Scan# 1637
Delta R.T. 0.01 min
Lab File: VX013458.D
Acq: 19 Nov 2019 11:57

Tgt Ion:173 Resp: 232
Ion Ratio Lower Upper
173 100
175 0.0 24.8 74.4#
254 89.2 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

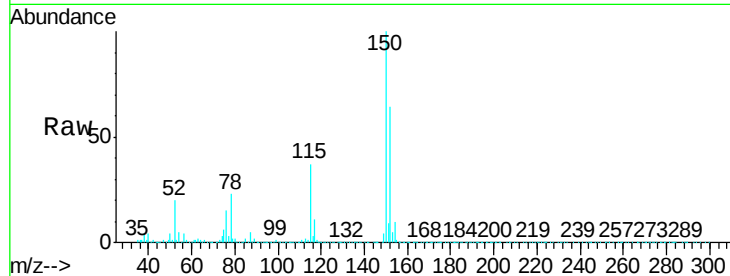
Tgt Ion: 152 Resp: 425961

Ion Ratio Lower Upper

152 100

115 55.7 39.5 118.3

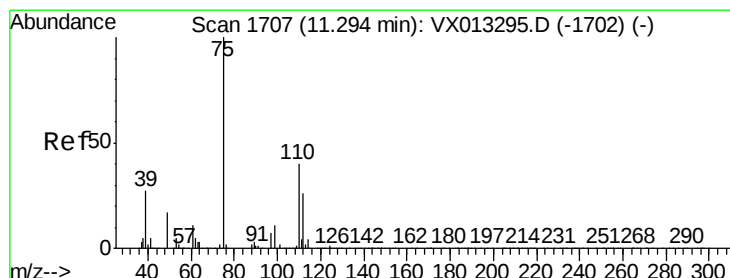
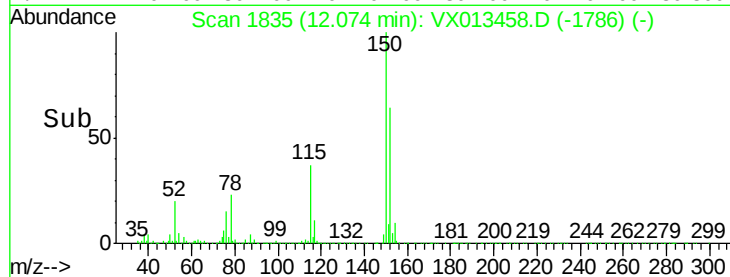
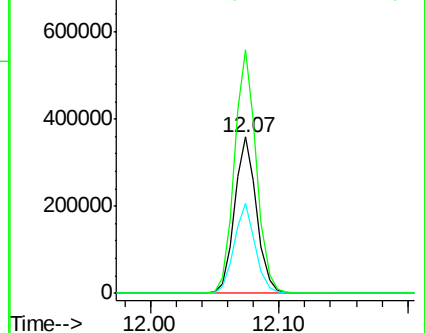
150 155.2 0.0 344.4



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: 24.787 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX013458.D

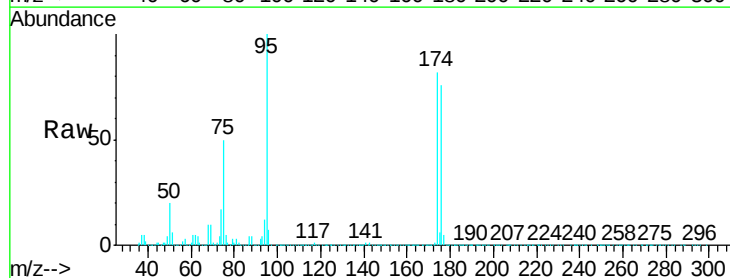
Acq: 19 Nov 2019 11:57

Tgt Ion: 75 Resp: 214451

Ion Ratio Lower Upper

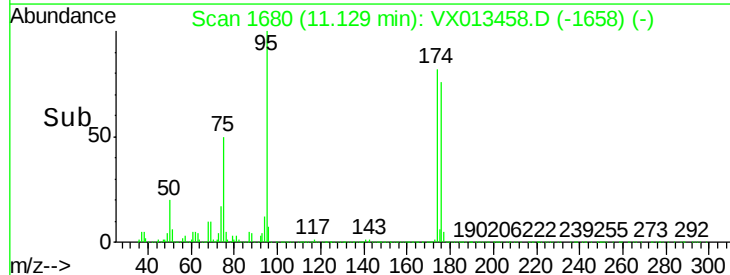
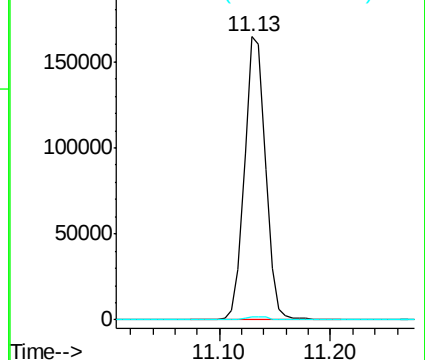
75 100

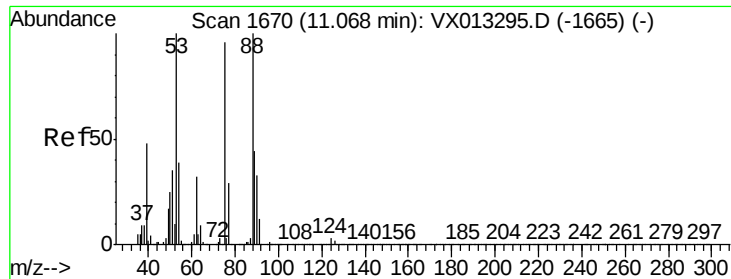
77 1.3 22.3 66.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 63.801 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013458.D

Acq: 19 Nov 2019 11:57

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

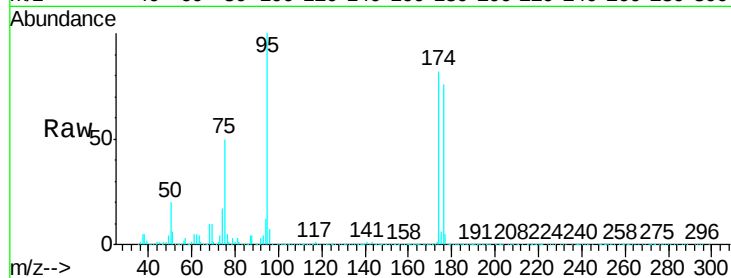
Tgt Ion: 75 Resp: 214451

Ion Ratio Lower Upper

75 100

53 0.7 81.0 121.6#

89 0.0 36.0 54.0#



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

