

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013749.D
 Acq On : 04 Dec 2019 15:07
 Operator : JC/SP
 Sample : K6095-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 05 00:55:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	687183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1032137	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	914164	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	401743	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	370812	46.49	ug/l	0.00
Spiked Amount			Recovery	=	92.98%	
35) Dibromofluoromethane	5.48	113	307987	48.27	ug/l	0.00
Spiked Amount			Recovery	=	96.54%	
50) Toluene-d8	8.71	98	1216724	48.94	ug/l	0.00
Spiked Amount			Recovery	=	97.88%	
62) 4-Bromofluorobenzene	11.13	95	403274	44.98	ug/l	0.00
Spiked Amount			Recovery	=	89.96%	

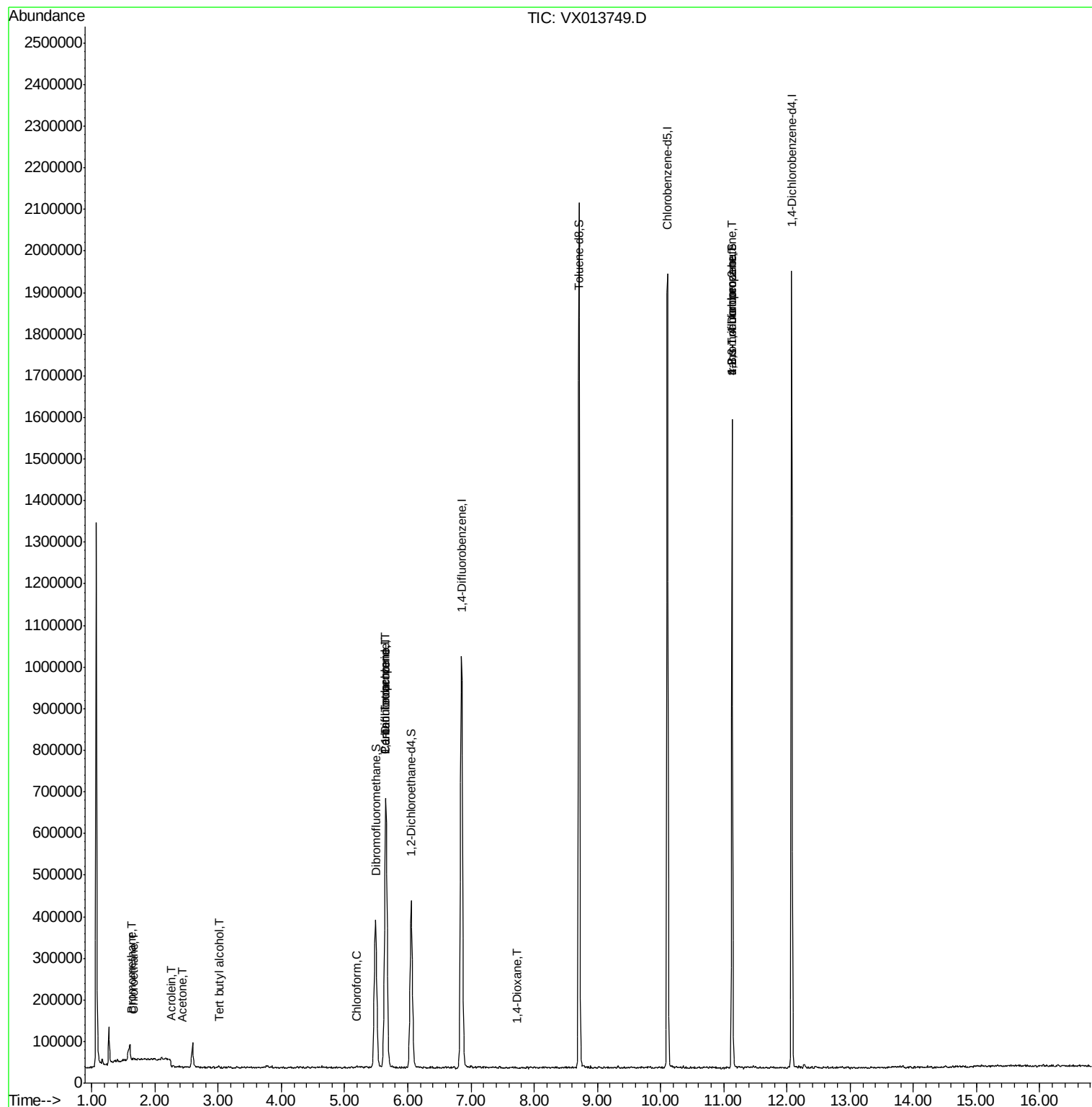
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2109	0.325	ug/l #	42
6) Chloroethane	1.66	64	1217	0.221	ug/l #	36
11) Tert butyl alcohol	3.03	59	1747	0.887	ug/l #	49
13) Acrolein	2.26	56	76	6.060	ug/l #	1
16) Acetone	2.44	43	1362	0.346	ug/l #	74
30) Chloroform	5.20	83	5308	0.419	ug/l	84
36) 1,1-Dichloropropene	5.65	75	44512	4.751	ug/l #	52
38) Carbon Tetrachloride	5.65	117	58624	6.786	ug/l #	15
49) 1,4-Dioxane	7.74	88	452	2.402	ug/l #	47
76) 1,2,3-Trichloropropane	11.13	75	199643	22.094	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	199643	60.446	ug/l #	11

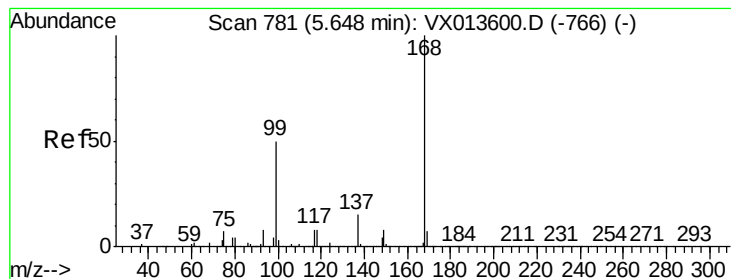
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 05 00:55:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

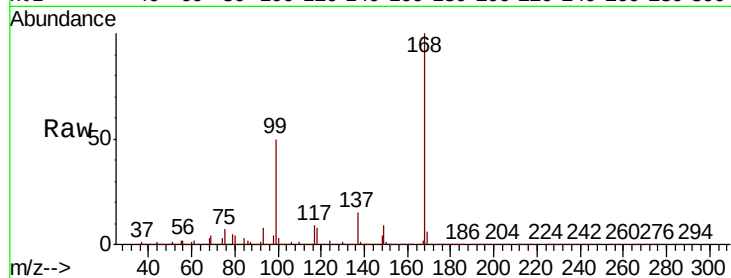
STORAGE-BLANK-WATER-REF-4

Tot Ion:168 Resp: 687183

Ion Ratio Lower Upper

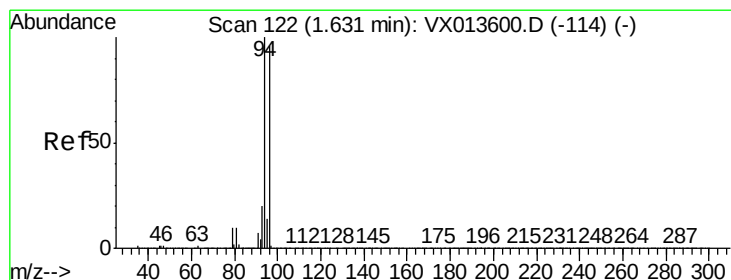
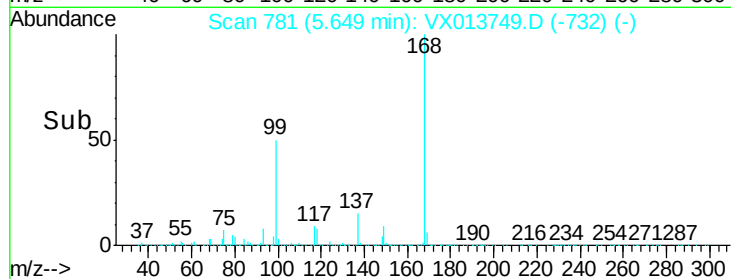
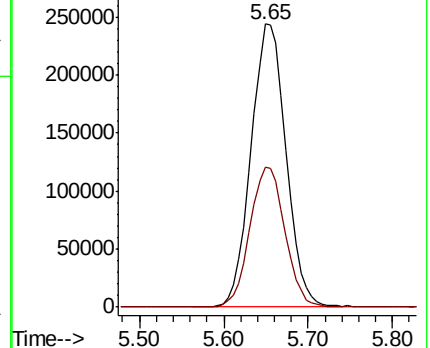
168 100

99 49.4 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.325 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX013749.D

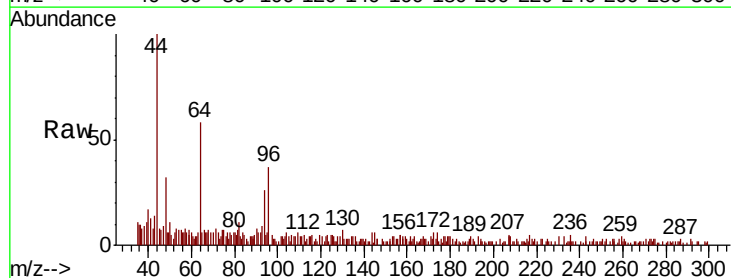
Acq: 04 Dec 2019 15:07

Tgt Ion: 94 Resp: 2109

Ion Ratio Lower Upper

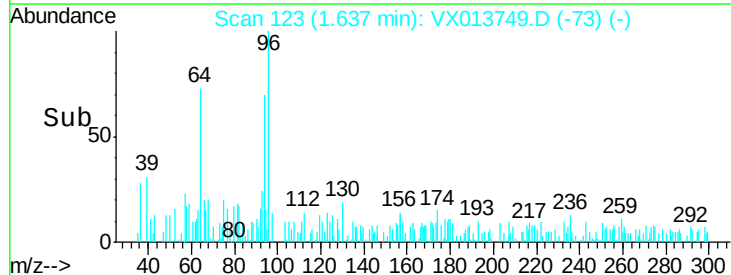
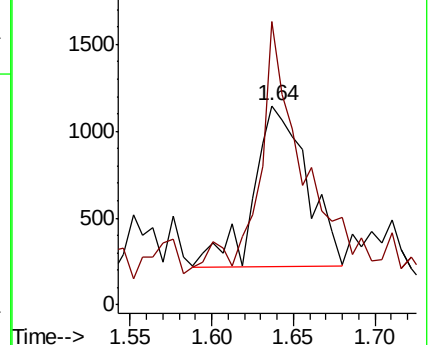
94 100

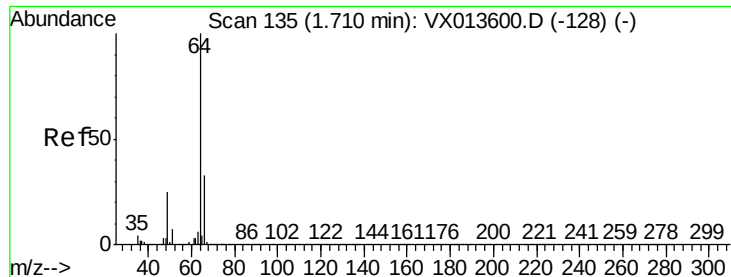
96 153.2 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.221 ug/l

RT: 1.66 min Scan# 127

Delta R.T. -0.05 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

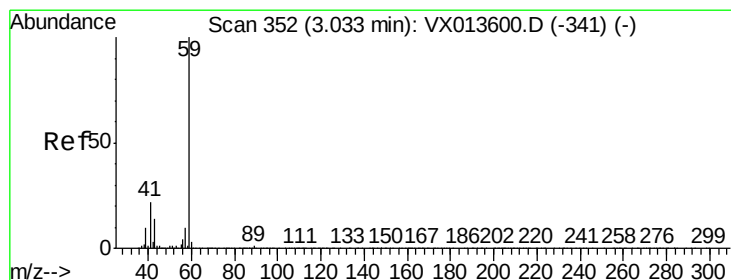
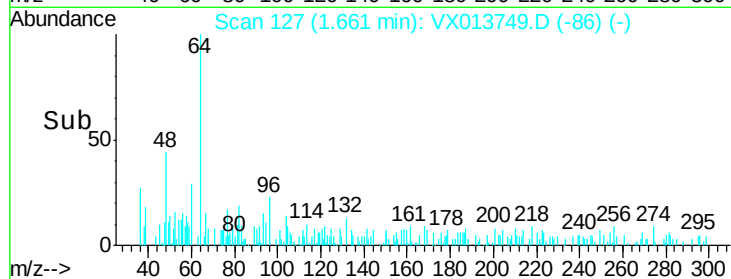
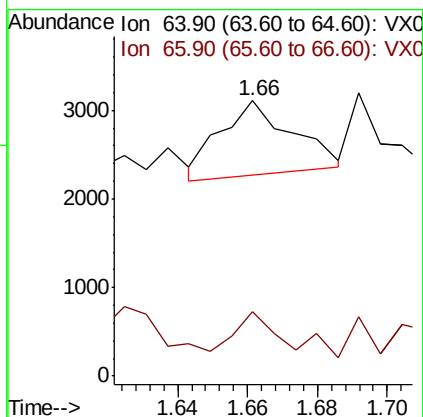
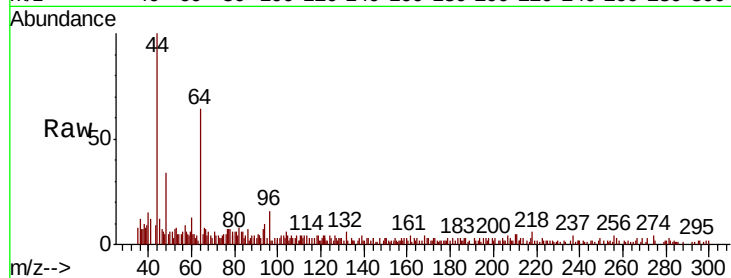
STORAGE-BLANK-WATER-REF-4

Tot Ion: 64 Resp: 1217

Ion Ratio Lower Upper

64 100

66 69.9 26.7 40.1#



#11

Tert butyl alcohol

Concen: 0.887 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.01 min

Lab File: VX013749.D

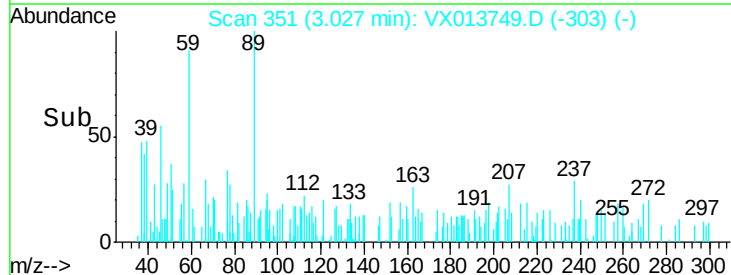
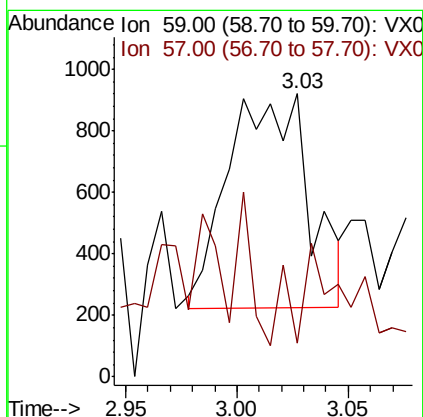
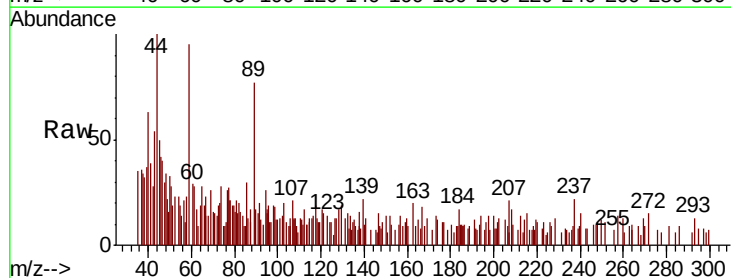
Acq: 04 Dec 2019 15:07

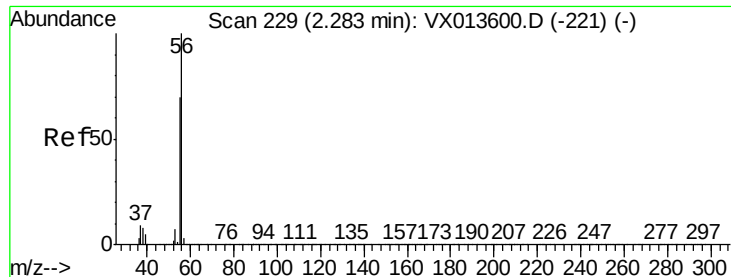
Tgt Ion: 59 Resp: 1747

Ion Ratio Lower Upper

59 100

57 28.3 7.8 11.6#





#13

Acrolein

Concen: 6.060 ug/l

RT: 2.26 min Scan# 225

Delta R.T. -0.02 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

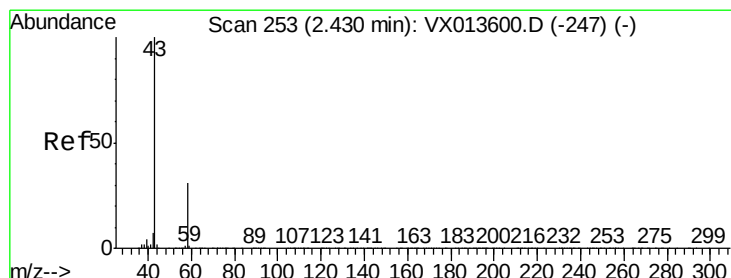
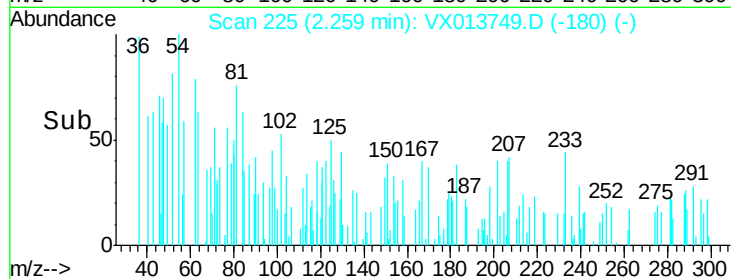
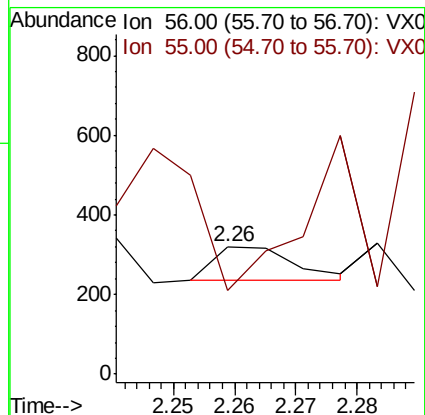
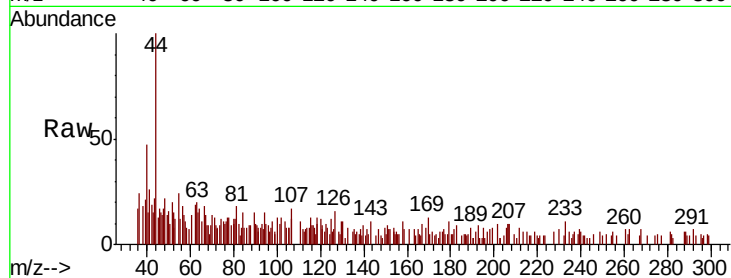
STORAGE-BLANK-WATER-REF-4

Tot Ion: 56 Resp: 76

Ion Ratio Lower Upper

56 100

55 303.9 56.2 84.4#



#16

Acetone

Concen: 0.346 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX013749.D

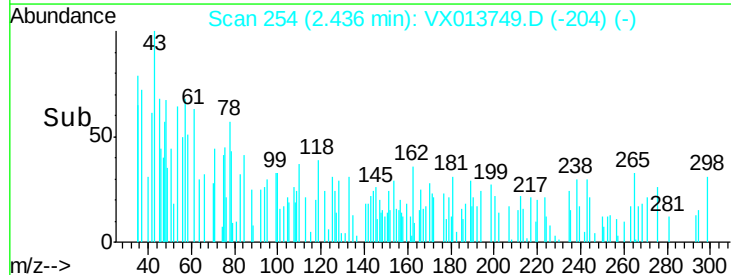
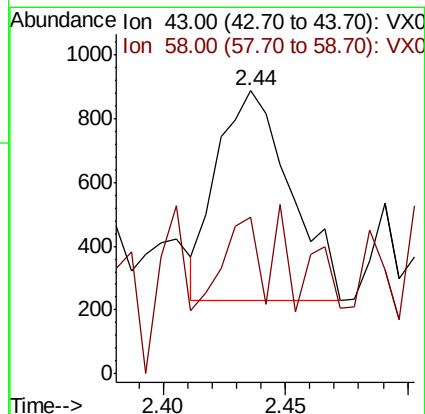
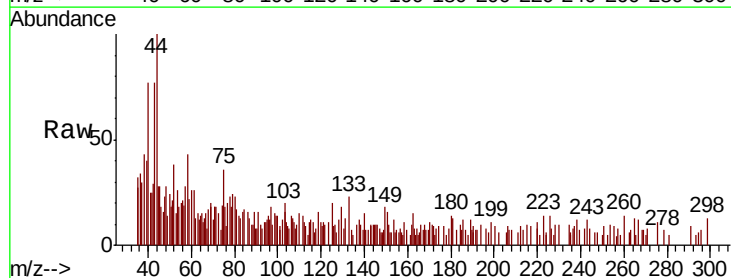
Acq: 04 Dec 2019 15:07

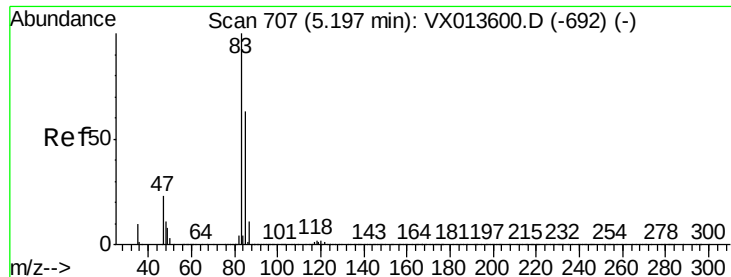
Tgt Ion: 43 Resp: 1362

Ion Ratio Lower Upper

43 100

58 44.8 24.6 36.8#

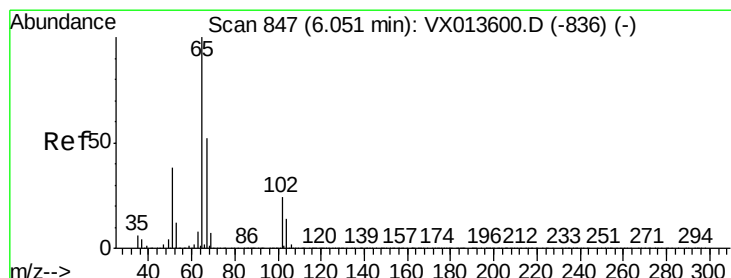
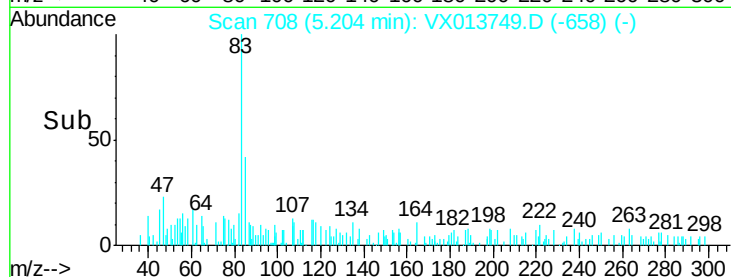
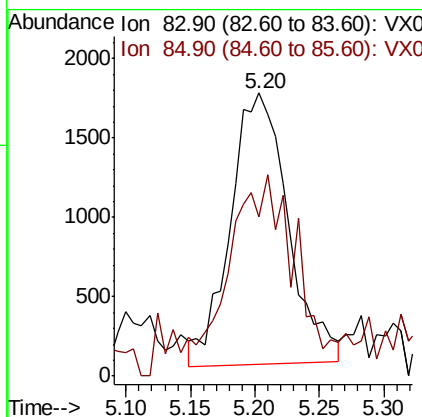
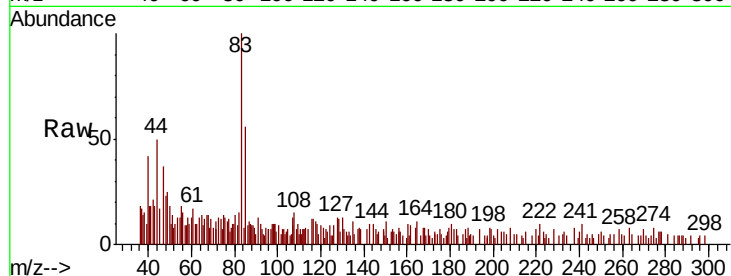




#30
Chloroform
Concen: 0.419 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013749.D
Acq: 04 Dec 2019 15:07

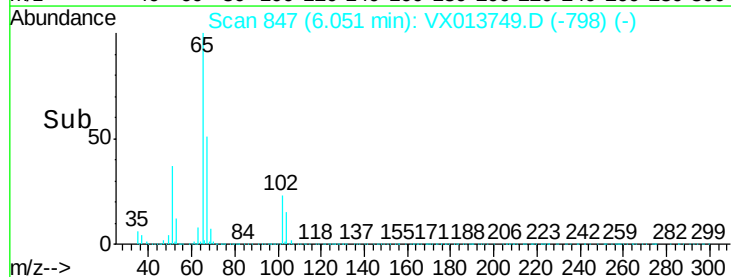
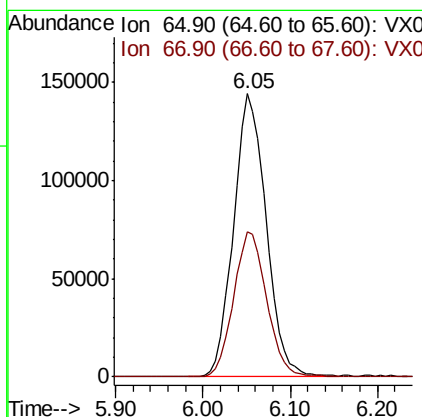
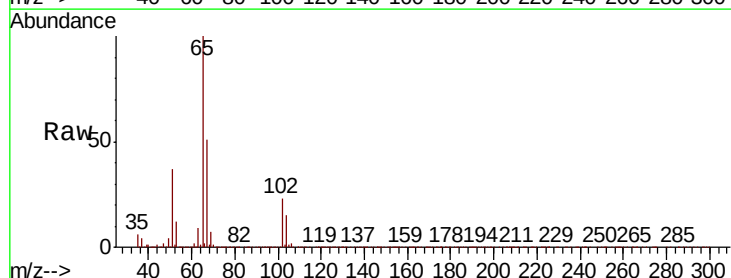
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

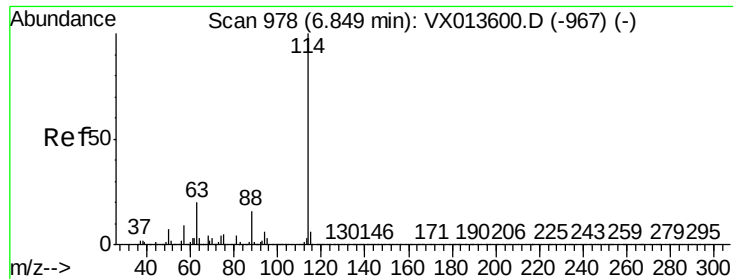
Tot Ion: 83 Resp: 5308
Ion Ratio Lower Upper
83 100
85 50.7 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 46.487 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013749.D
Acq: 04 Dec 2019 15:07

Tgt Ion: 65 Resp: 370812
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.4

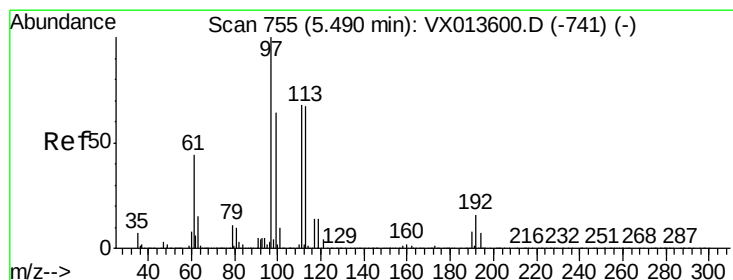
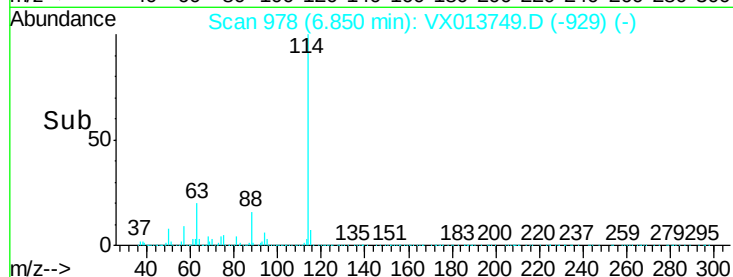
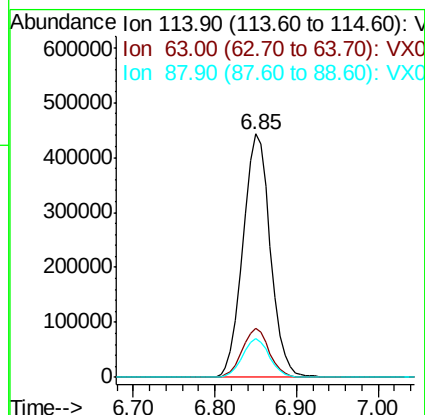
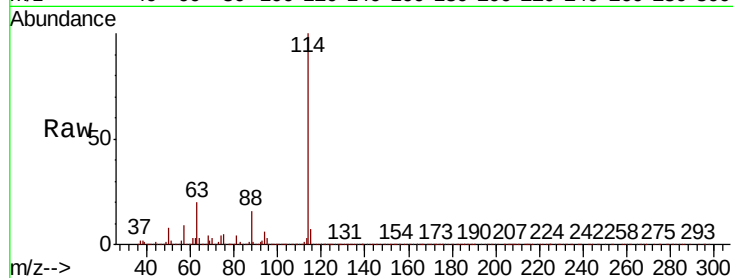




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013749.D
 Acq: 04 Dec 2019 15:07

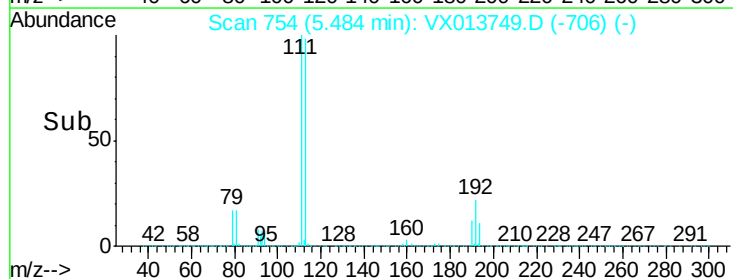
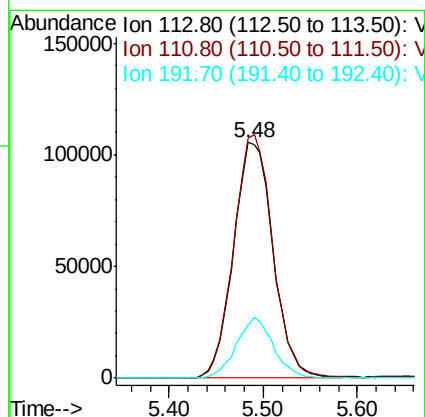
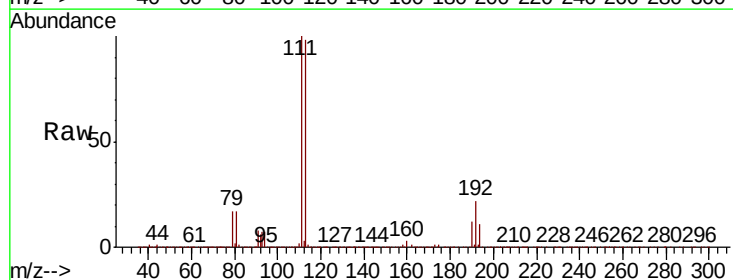
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

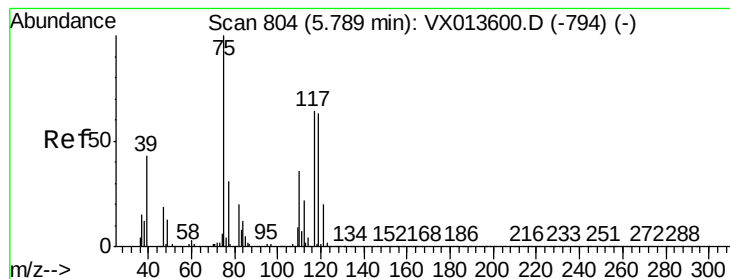
Tot Ion:114 Resp: 1032137
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 39.6
 88 15.8 0.0 31.4



#35
 Dibromofluoromethane
 Concen: 48.268 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX013749.D
 Acq: 04 Dec 2019 15:07

Tgt Ion:113 Resp: 307987
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.6 125.4
 192 24.3 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.751 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

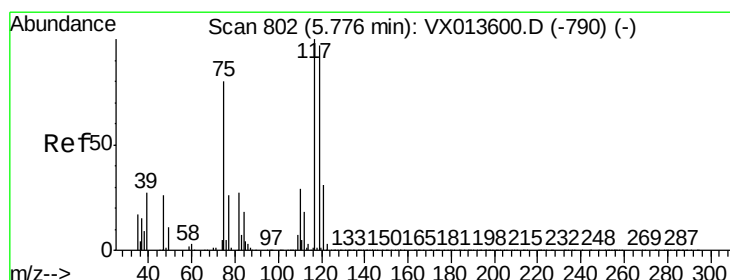
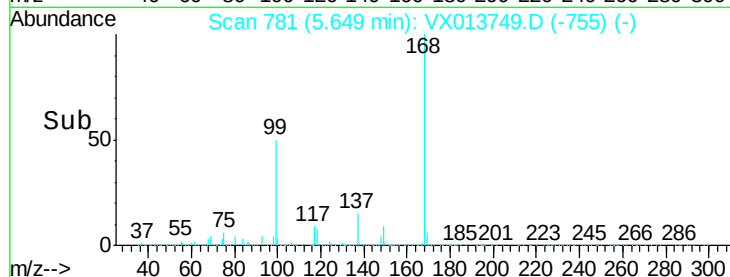
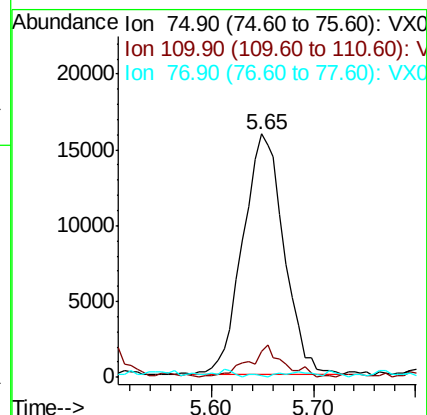
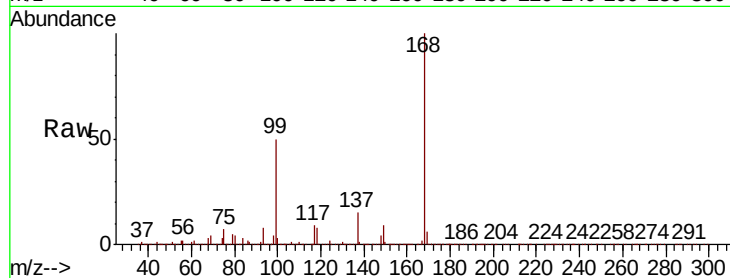
Tot Ion: 75 Resp: 44512

Ion Ratio Lower Upper

75 100

110 11.5 18.1 54.1#

77 0.4 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.786 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

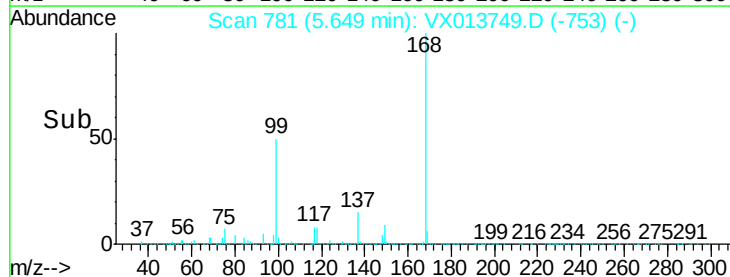
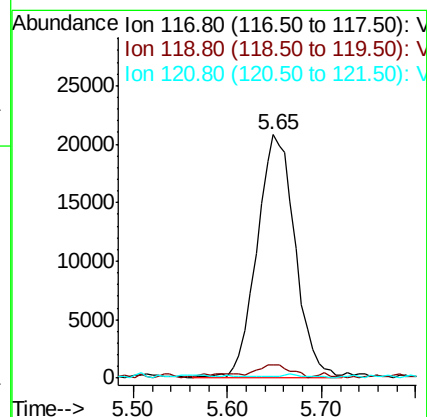
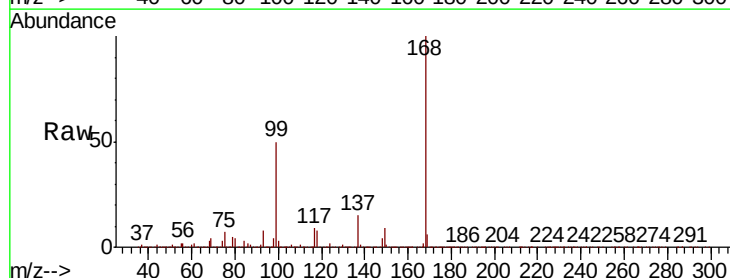
Tgt Ion: 117 Resp: 58624

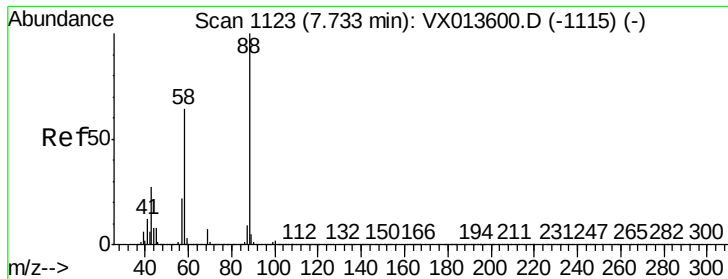
Ion Ratio Lower Upper

117 100

119 4.7 77.5 116.3#

121 0.0 25.0 37.6#





#49

1,4-Dioxane

Concen: 2.402 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

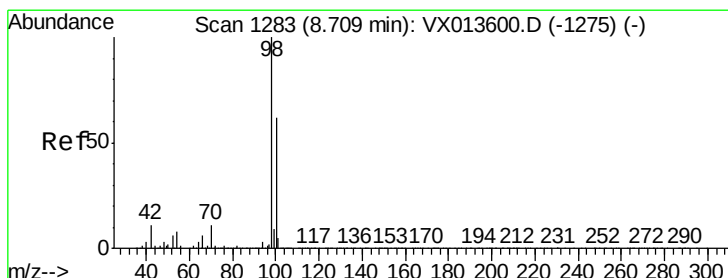
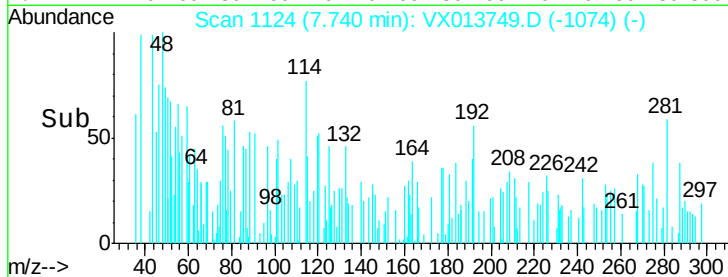
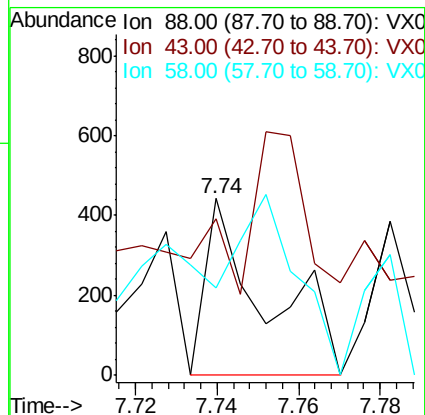
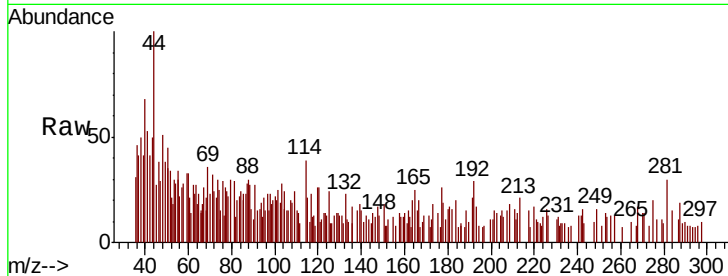
Tot Ion: 88 Resp: 452

Ion Ratio Lower Upper

88 100

43 75.0 25.8 38.6#

58 102.0 54.6 82.0#



#50

Toluene-d8

Concen: 48.942 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013749.D

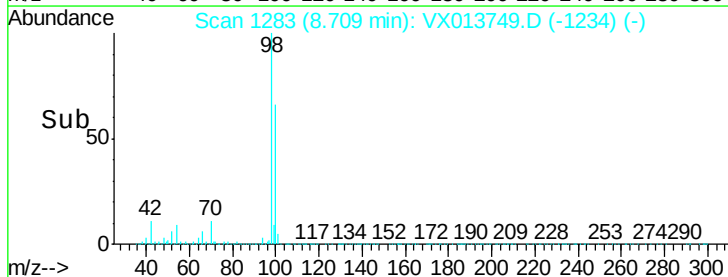
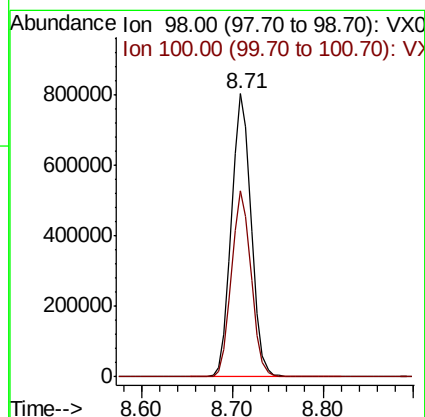
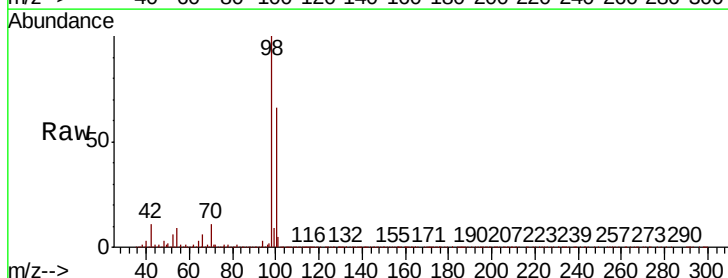
Acq: 04 Dec 2019 15:07

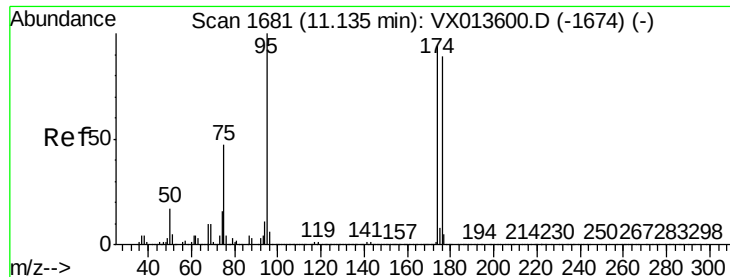
Tgt Ion: 98 Resp: 1216724

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7

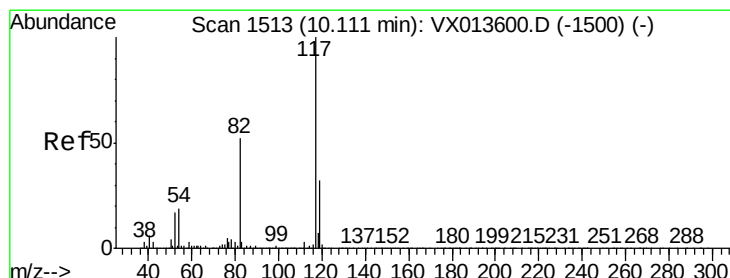
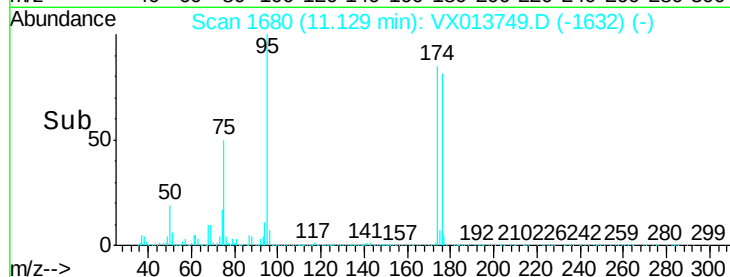
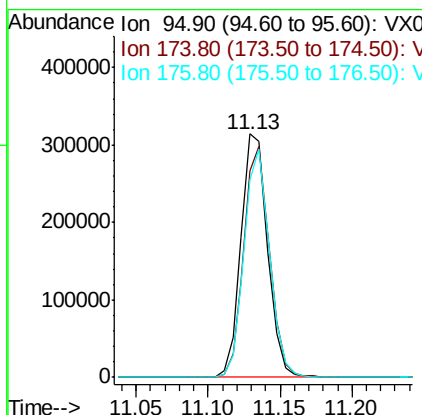
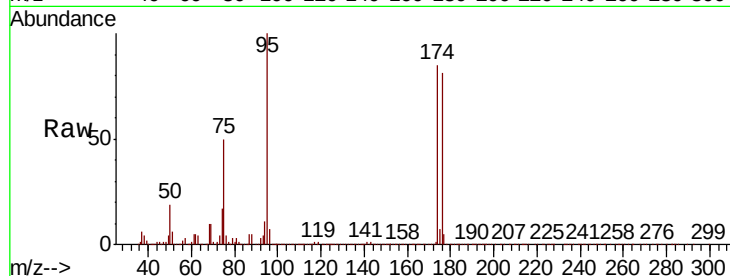




#62
4-Bromofluorobenzene
Concen: 44.985 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013749.D
Acq: 04 Dec 2019 15:07

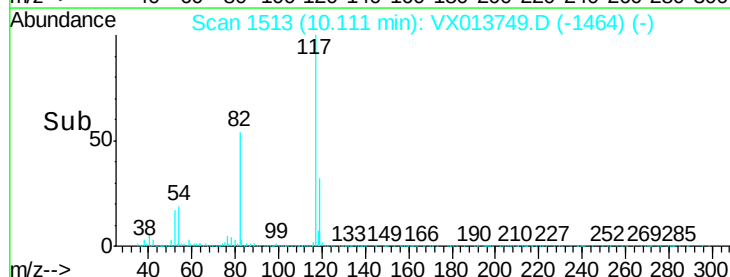
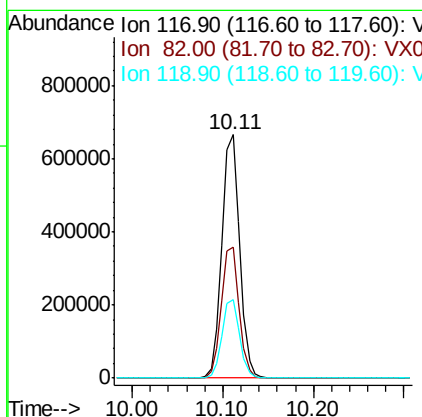
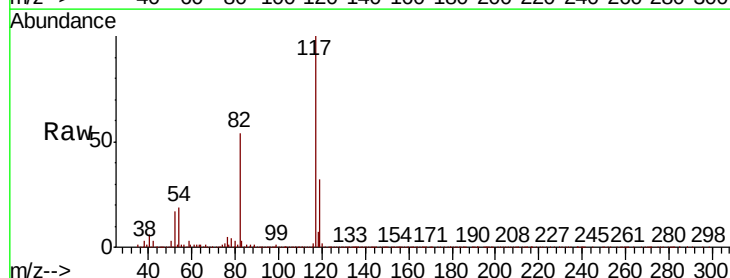
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

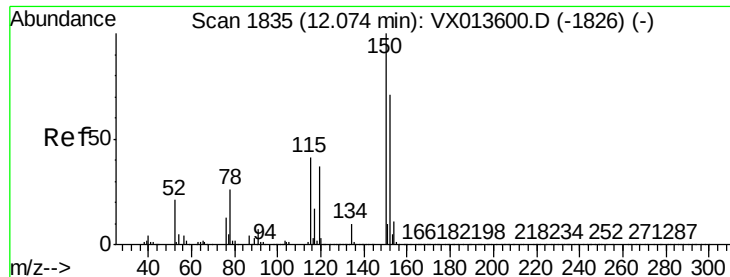
Tot Ion: 95 Resp: 403274
Ion Ratio Lower Upper
95 100
174 91.7 0.0 180.0
176 89.5 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013749.D
Acq: 04 Dec 2019 15:07

Tgt Ion: 117 Resp: 914164
Ion Ratio Lower Upper
117 100
82 53.7 41.8 62.8
119 32.3 25.8 38.8



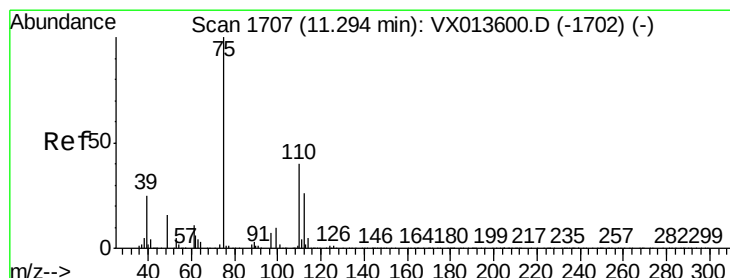
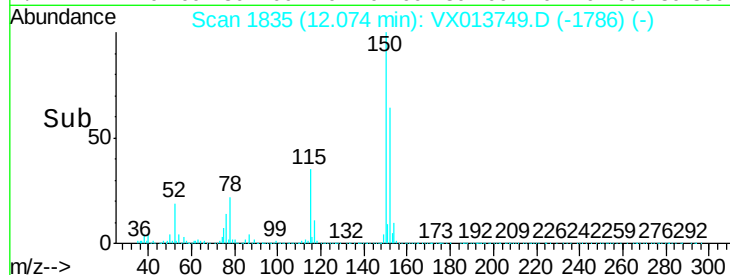
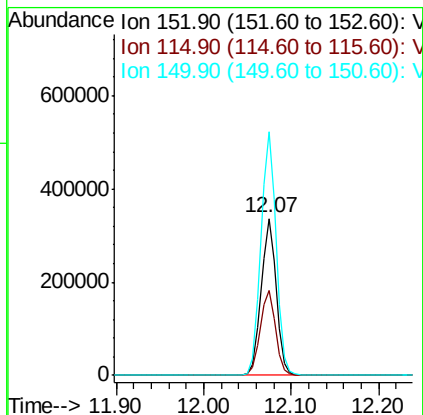
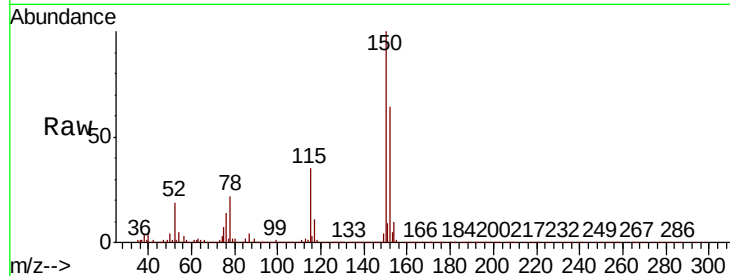


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013749.D
Acq: 04 Dec 2019 15:07

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

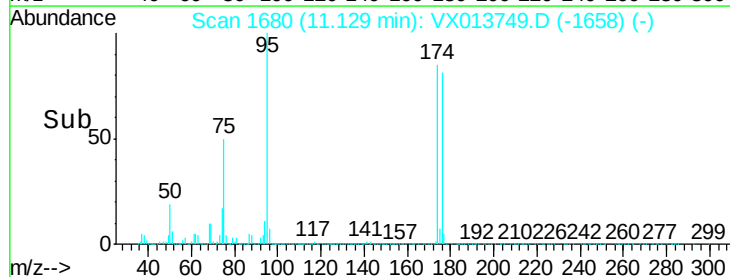
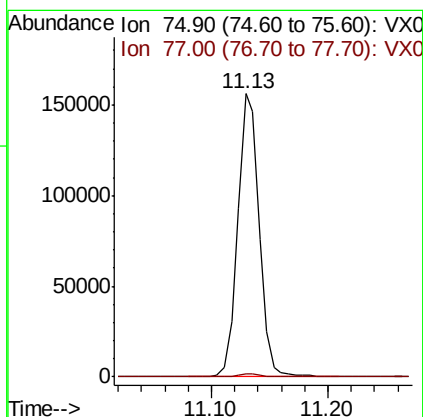
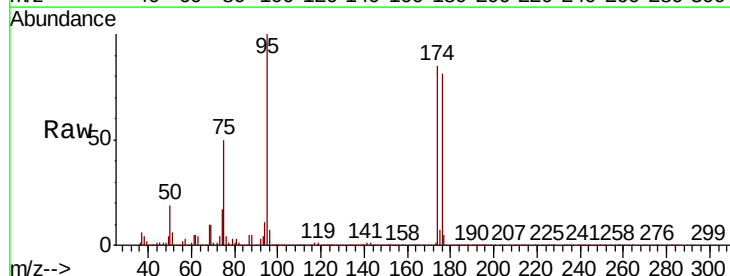
Tot Ion:152 Resp: 401743
Ion Ratio Lower Upper
152 100
115 54.5 38.4 115.1
150 156.6 0.0 346.8

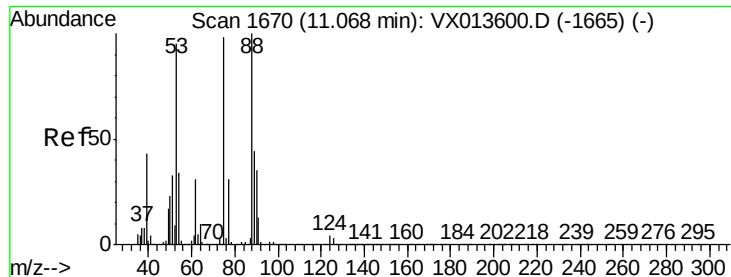


#76

1,2,3-Trichloropropane
Concen: 22.094 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX013749.D
Acq: 04 Dec 2019 15:07

Tgt Ion: 75 Resp: 199643
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#





#81

trans-1,4-Dichloro-2-butene

Concen: 60.446 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX013749.D

Acq: 04 Dec 2019 15:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

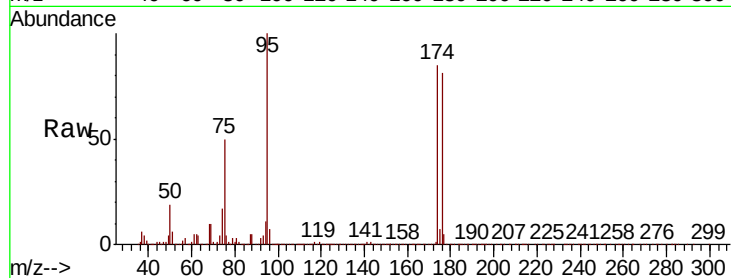
Tot Ion: 75 Resp: 199643

Ion Ratio Lower Upper

75 100

53 0.3 78.2 117.2#

89 0.1 35.4 53.2#



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

