

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120419\
 Data File : VX013750.D
 Acq On : 04 Dec 2019 15:30
 Operator : JC/SP
 Sample : K6095-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 05 00:56:03 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	693350	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1039509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	924907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	408949	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	373869	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
35) Dibromofluoromethane	5.49	113	312071	48.56	ug/l	0.00
Spiked Amount			Recovery	=	97.12%	
50) Toluene-d8	8.71	98	1224490	48.91	ug/l	0.00
Spiked Amount			Recovery	=	97.82%	
62) 4-Bromofluorobenzene	11.13	95	412293	45.66	ug/l	0.00
Spiked Amount			Recovery	=	91.32%	

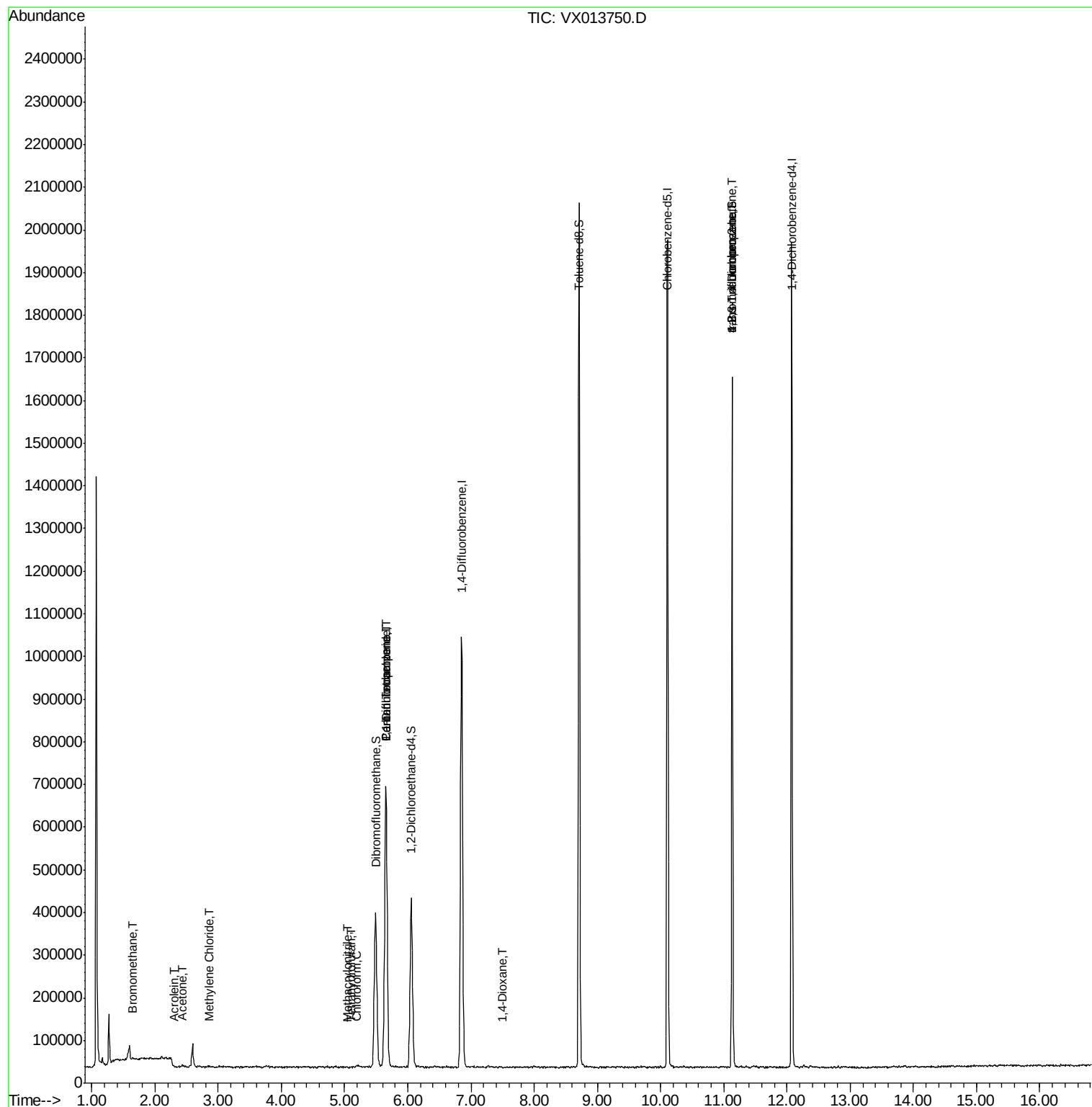
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	2578	0.394	ug/l #	52
13) Acrolein	2.31	56	310	6.231	ug/l	91
16) Acetone	2.43	43	7605	1.914	ug/l	91
20) Methylene Chloride	2.85	84	1739	0.228	ug/l #	79
29) Tetrahydrofuran	5.10	42	755	0.207	ug/l #	68
30) Chloroform	5.20	83	4540	0.355	ug/l	89
36) 1,1-Dichloropropene	5.65	75	45473	4.819	ug/l #	49
38) Carbon Tetrachloride	5.65	117	57565	6.616	ug/l #	15
41) Methacrylonitrile	5.03	41	1556	0.268	ug/l #	40
49) 1,4-Dioxane	7.49	88	938	4.949	ug/l	87
76) 1,2,3-Trichloropropane	11.13	75	199305	21.668	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.13	75	199305	59.281	ug/l #	11

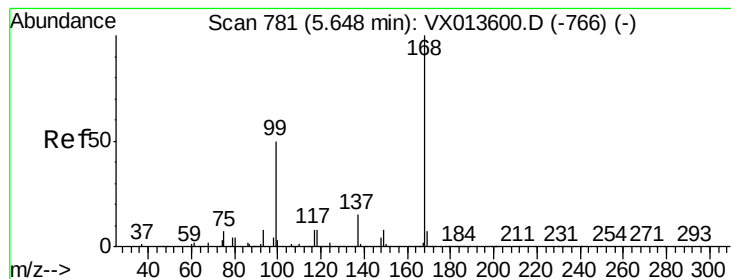
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 782

Delta R.T. 0.01 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

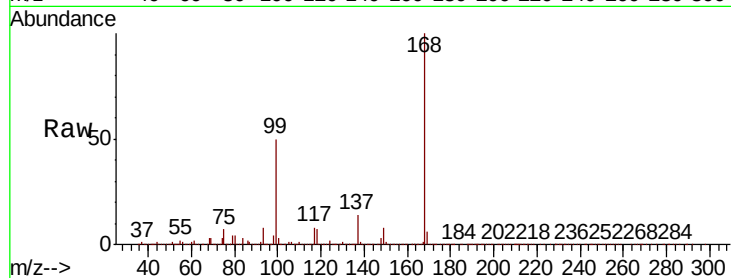
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 693350

Ion Ratio Lower Upper

168 100

99 49.5 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

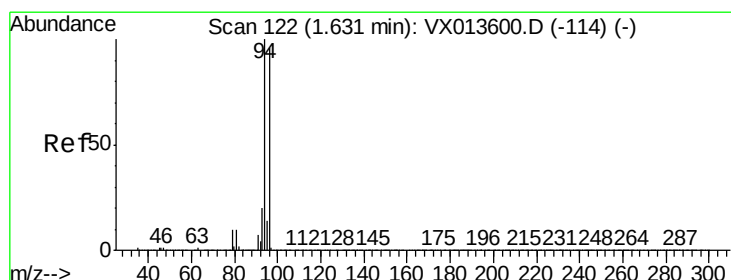
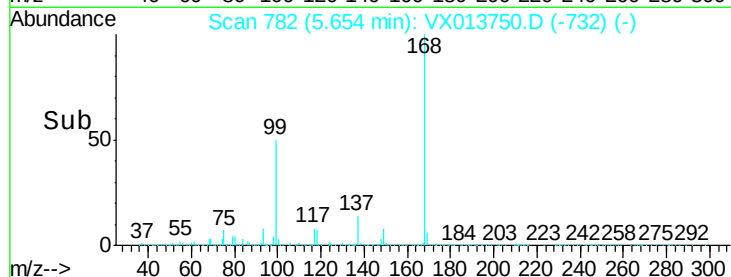
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: 0.394 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.01 min

Lab File: VX013750.D

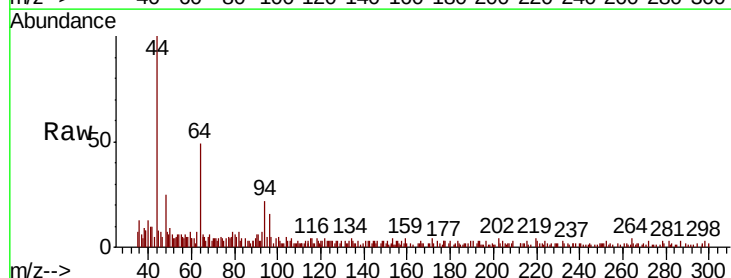
Acq: 04 Dec 2019 15:30

Tgt Ion: 94 Resp: 2578

Ion Ratio Lower Upper

94 100

96 48.8 77.0 115.4#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

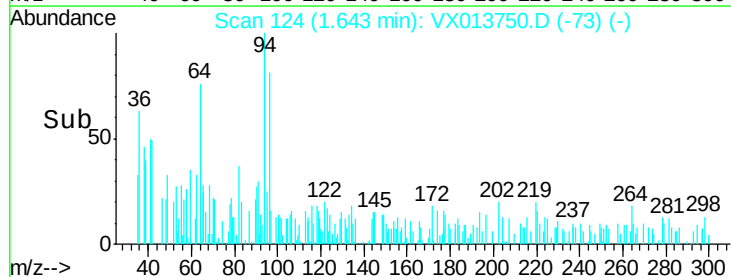
1.64

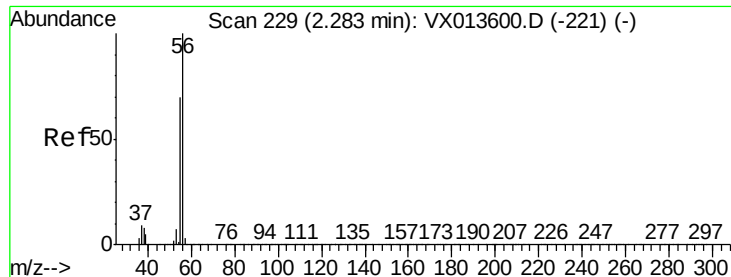
1000

500

0

Time-->

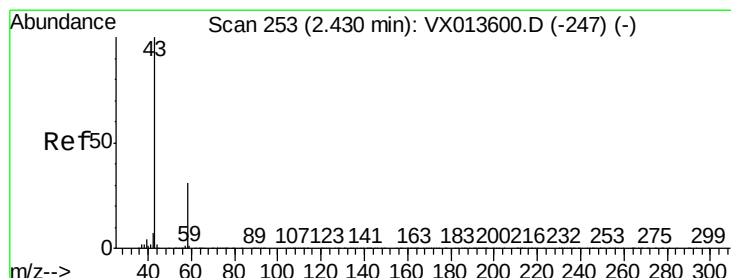
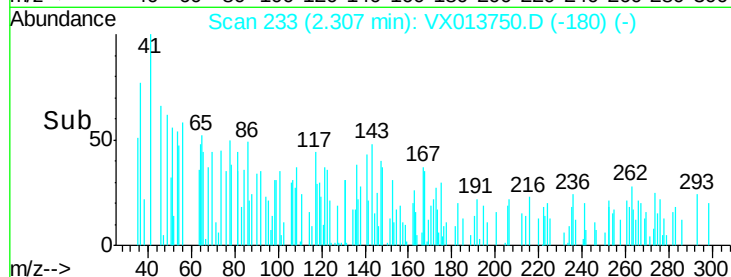
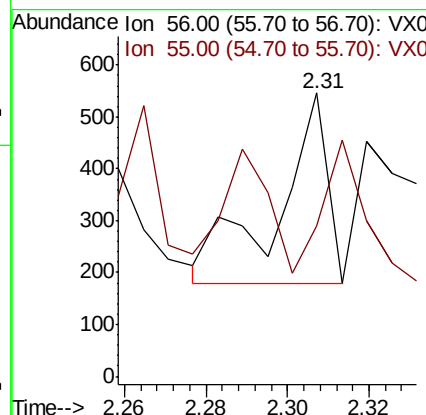
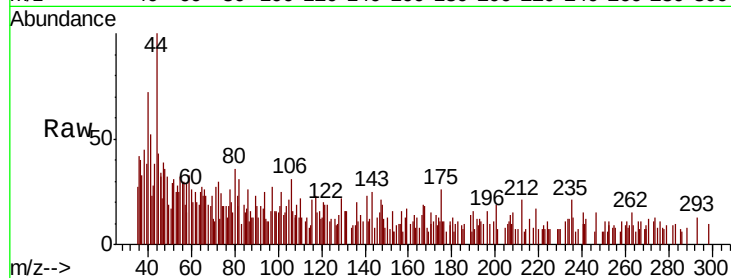




#13
Acrolein
Concen: 6.231 ug/l
RT: 2.31 min Scan# 233
Delta R.T. 0.02 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

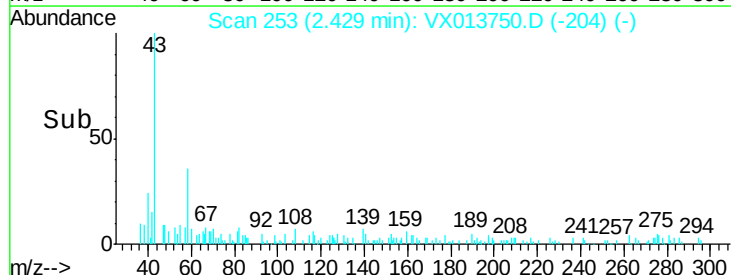
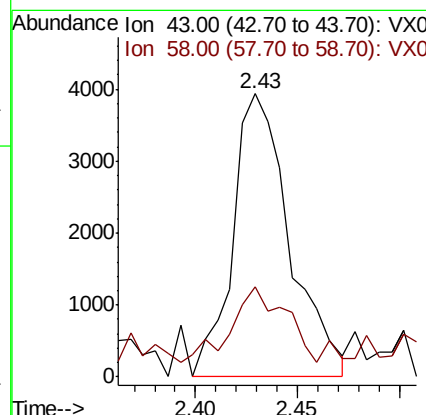
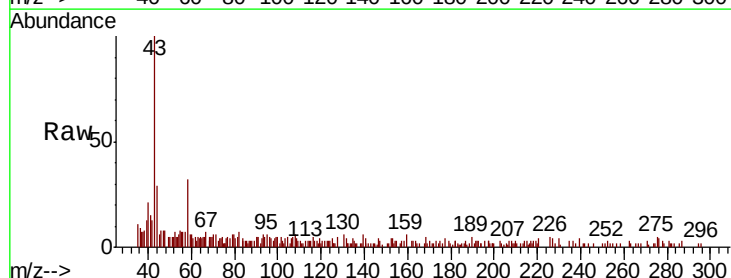
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

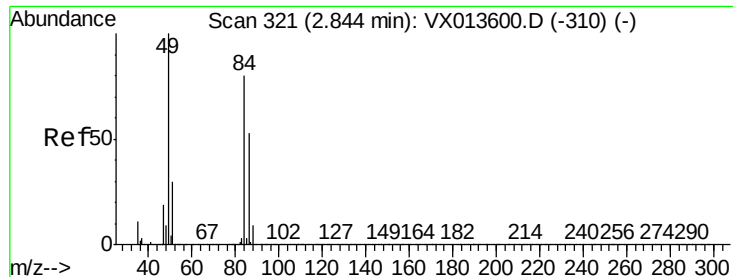
Tot Ion: 56 Resp: 310
Ion Ratio Lower Upper
56 100
55 62.6 56.2 84.4



#16
Acetone
Concen: 1.914 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

Tgt Ion: 43 Resp: 7605
Ion Ratio Lower Upper
43 100
58 25.6 24.6 36.8

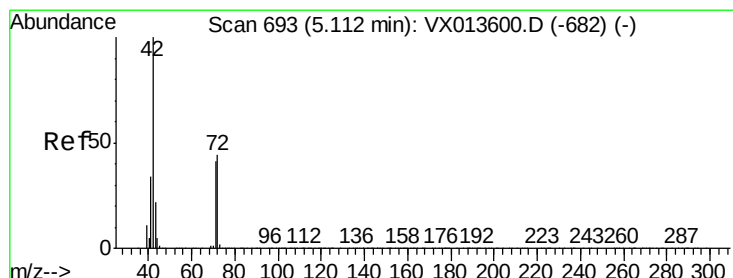
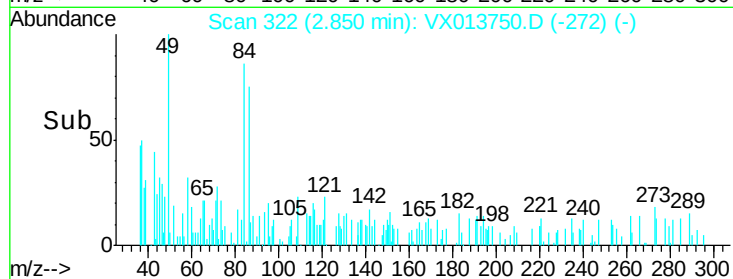
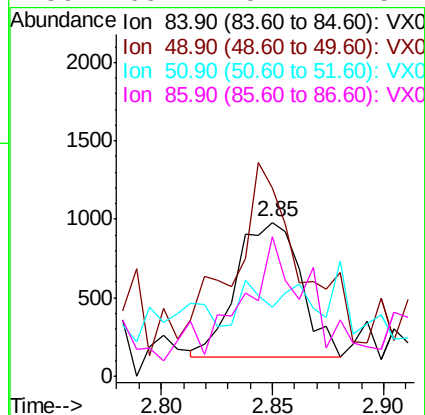
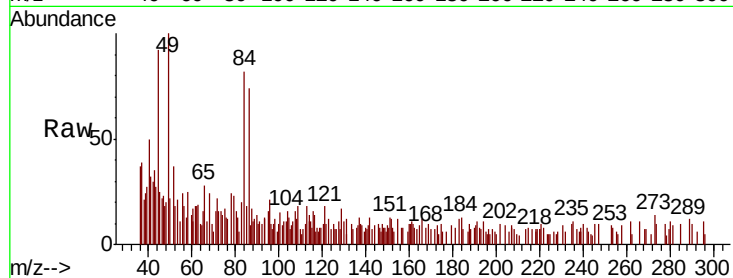




#20
Methylene Chloride
Concen: 0.228 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

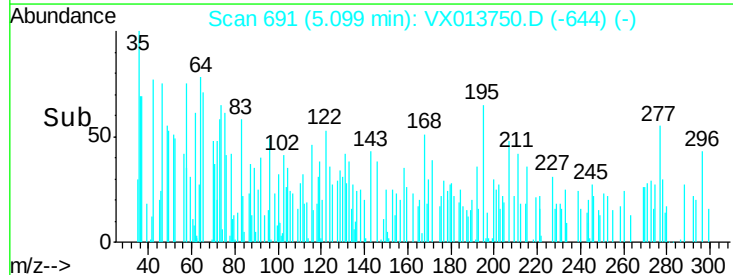
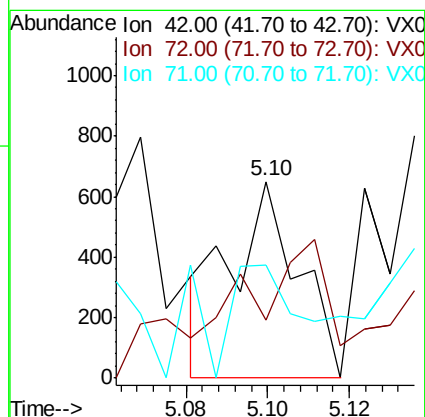
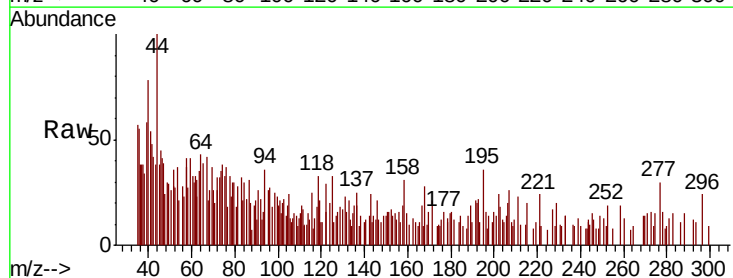
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

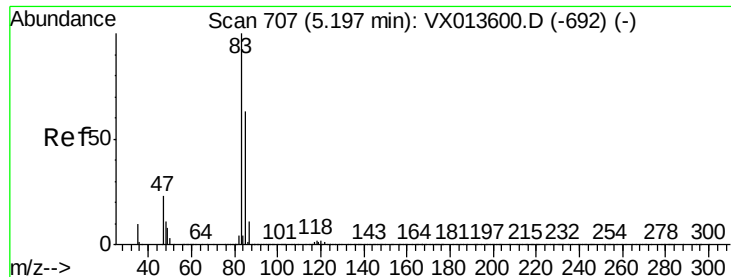
Tot Ion:	84	Resp:	1739
Ion	Ratio	Lower	Upper
84	100		
49	102.2	99.7	149.5
51	0.0	29.9	44.9#
86	65.4	52.2	78.4



#29
Tetrahydrofuran
Concen: 0.207 ug/l
RT: 5.10 min Scan# 691
Delta R.T. -0.01 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

Tgt Ion:	42	Resp:	755
Ion	Ratio	Lower	Upper
42	100		
72	45.3	36.3	54.5
71	0.0	33.2	49.8#

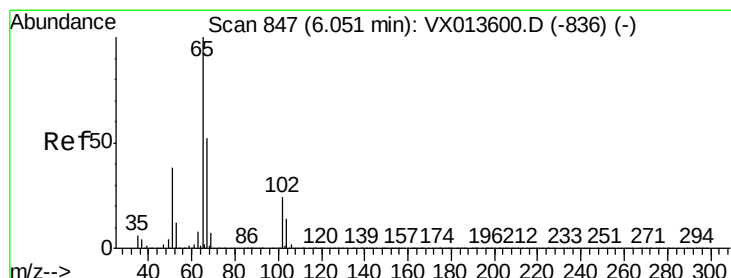
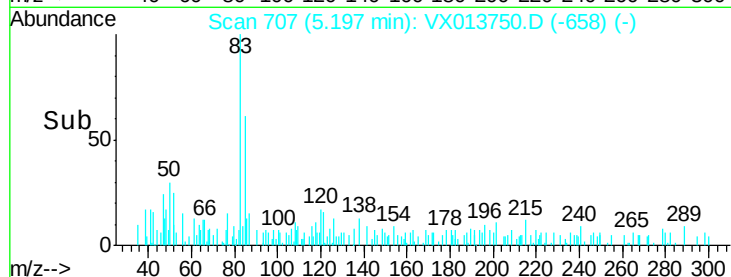
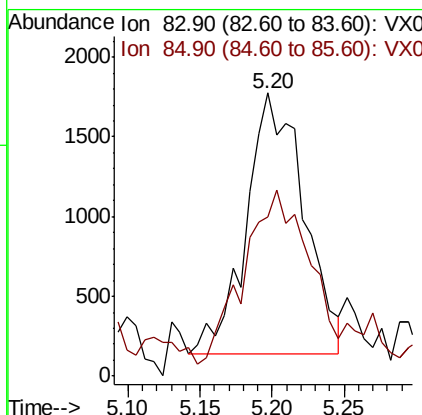
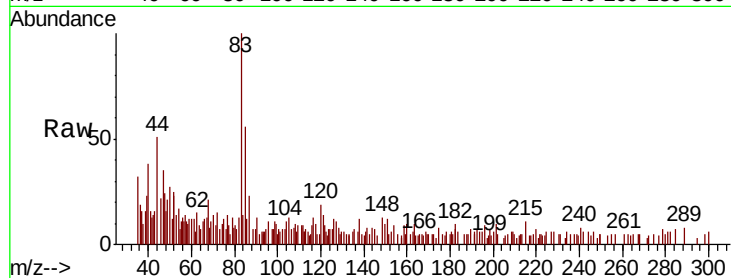




#30
Chloroform
Concen: 0.355 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

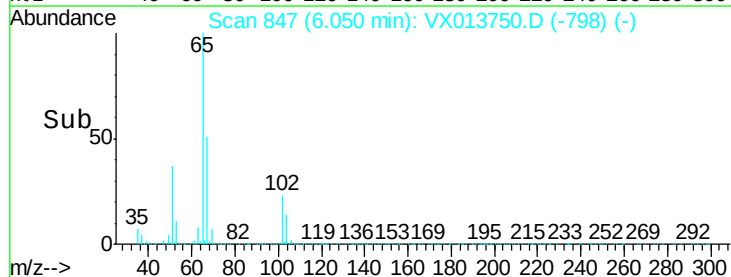
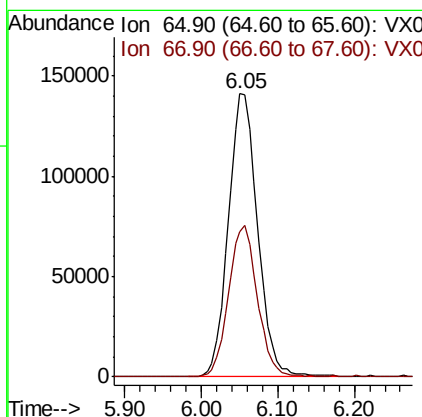
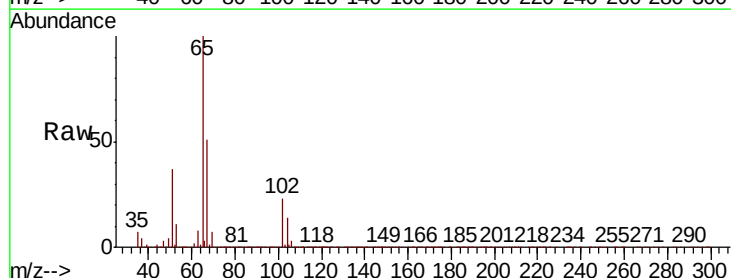
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

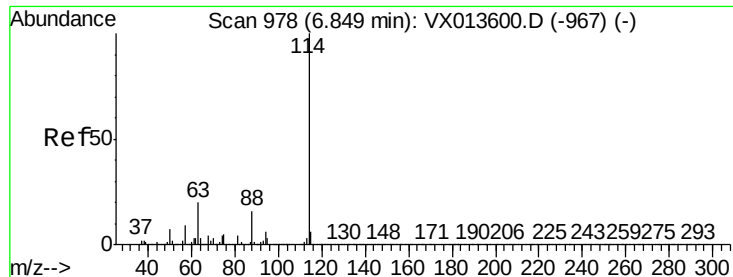
Tot Ion: 83 Resp: 4540
Ion Ratio Lower Upper
83 100
85 54.1 50.2 75.4



#33
1,2-Dichloroethane-d4
Concen: 46.454 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

Tgt Ion: 65 Resp: 373869
Ion Ratio Lower Upper
65 100
67 52.2 0.0 104.4

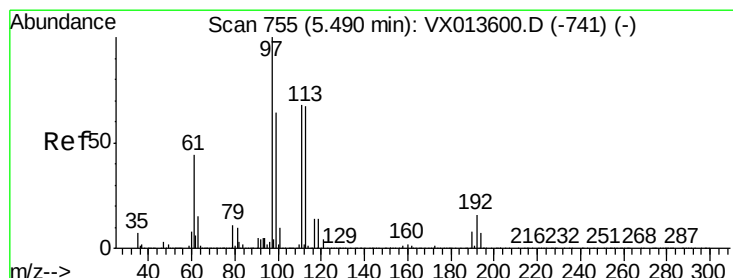
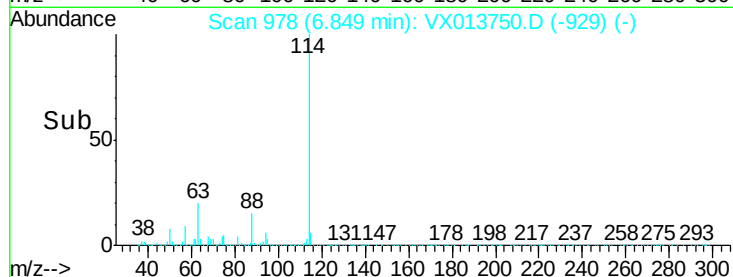
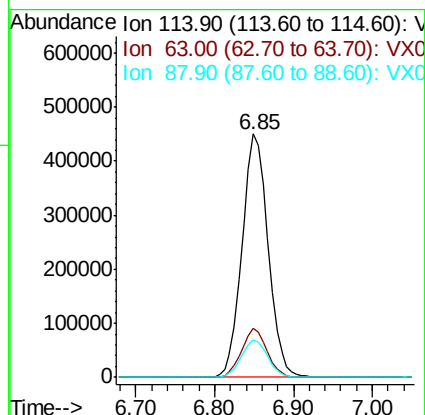
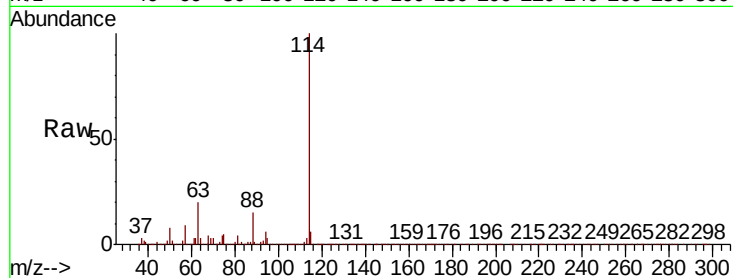




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

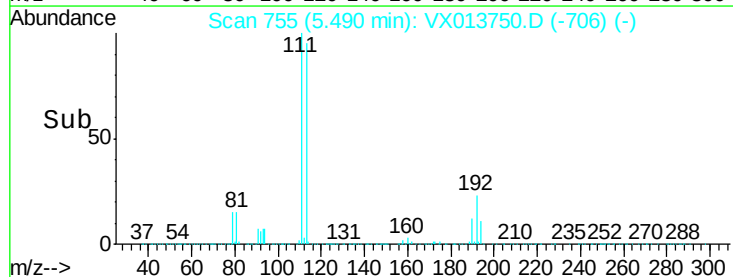
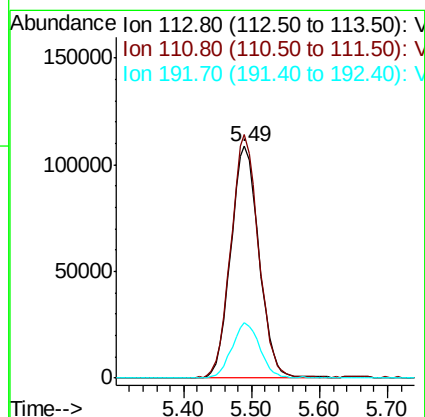
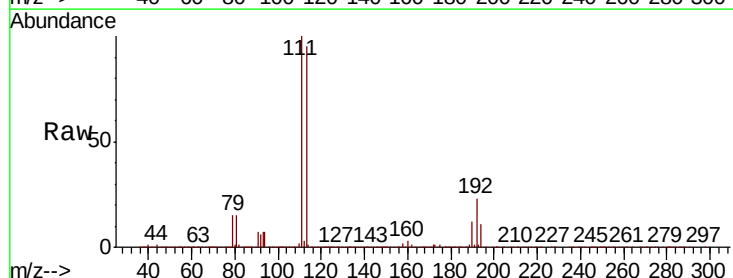
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

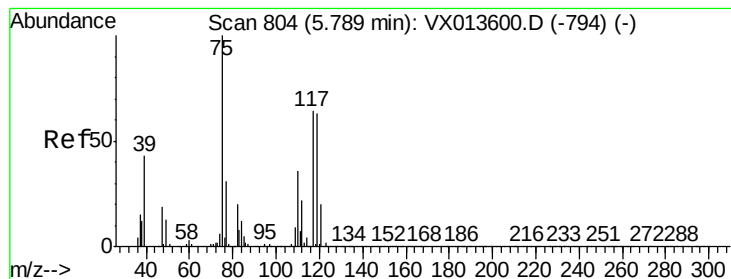
Tot Ion:114 Resp: 1039509
Ion Ratio Lower Upper
114 100
63 20.2 0.0 39.6
88 15.4 0.0 31.4



#35
Dibromofluoromethane
Concen: 48.561 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

Tgt Ion:113 Resp: 312071
Ion Ratio Lower Upper
113 100
111 103.0 83.6 125.4
192 23.8 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.819 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

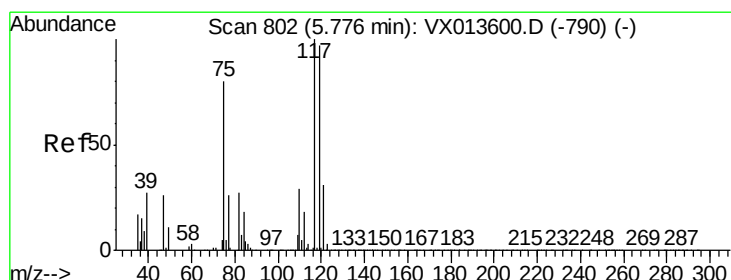
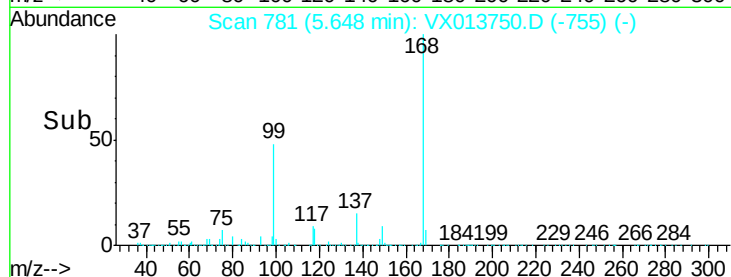
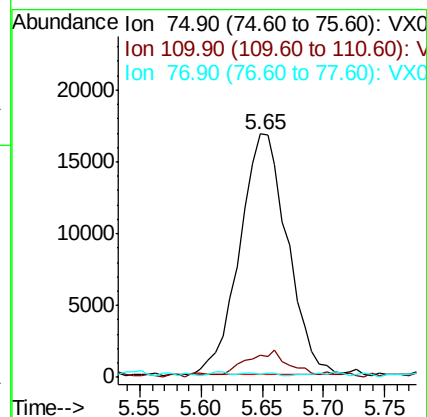
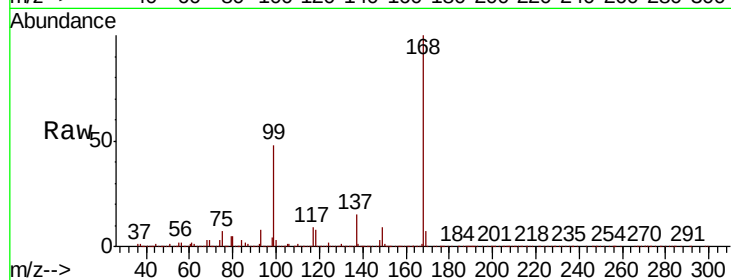
Tot Ion: 75 Resp: 45473

Ion Ratio Lower Upper

75 100

110 8.9 18.1 54.1#

77 0.0 24.5 36.7#



#38

Carbon Tetrachloride

Concen: 6.616 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

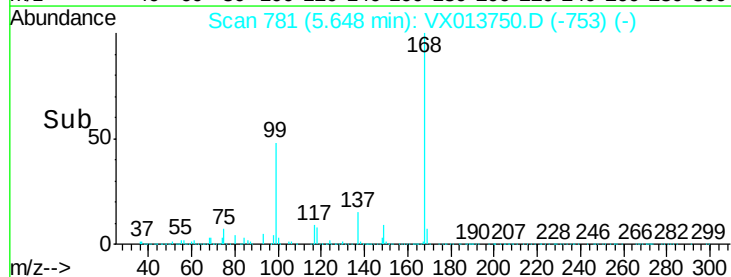
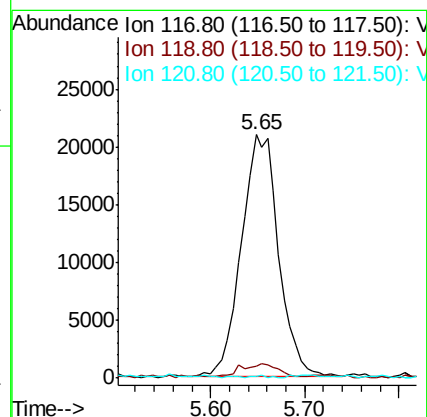
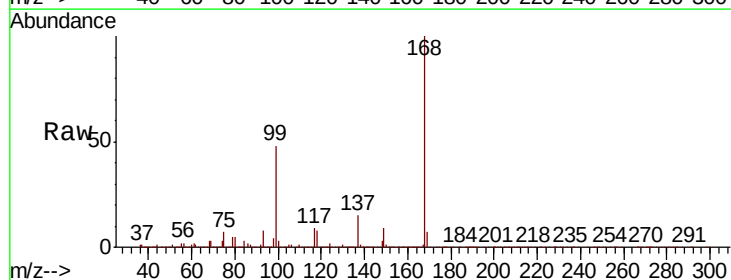
Tgt Ion: 117 Resp: 57565

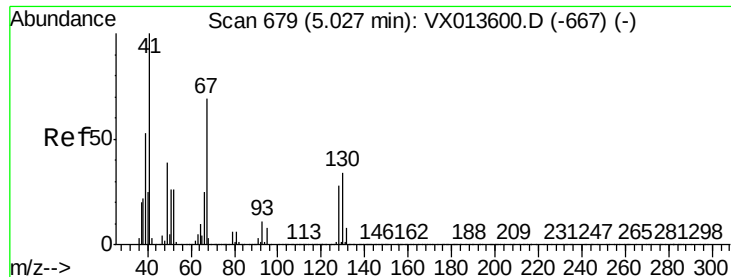
Ion Ratio Lower Upper

117 100

119 4.6 77.5 116.3#

121 0.0 25.0 37.6#





#41

Methacrylonitrile

Concen: 0.268 ug/l

RT: 5.03 min Scan# 680

Delta R.T. 0.01 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 41 Resp: 1556

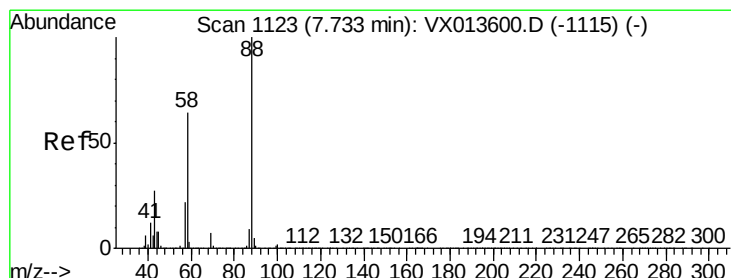
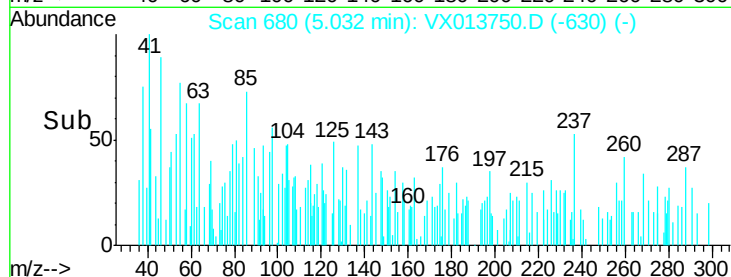
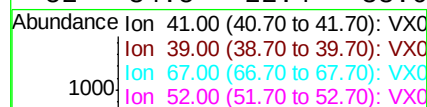
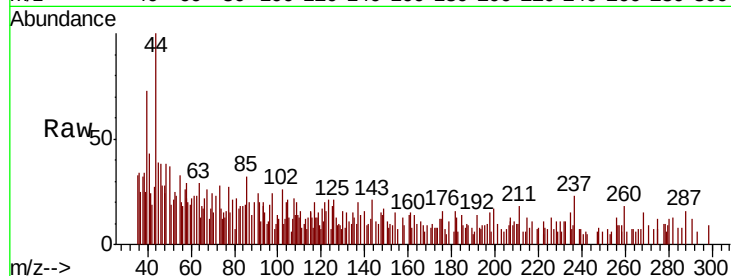
Ion Ratio Lower Upper

41 100

39 9.4 42.9 64.3#

67 7.8 57.4 86.0#

52 34.5 22.4 33.6#



#49

1,4-Dioxane

Concen: 4.949 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.24 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

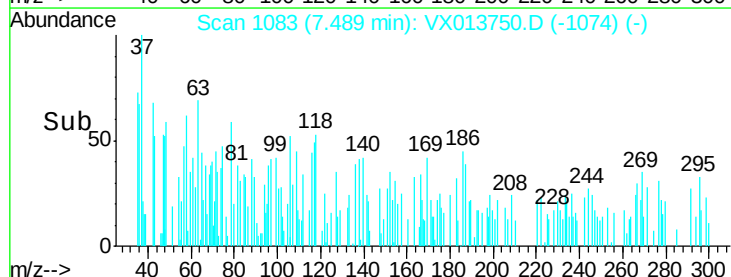
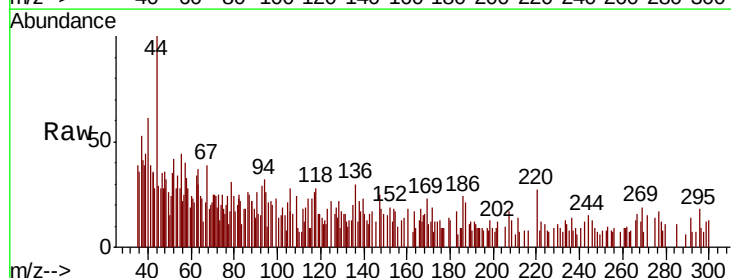
Tgt Ion: 88 Resp: 938

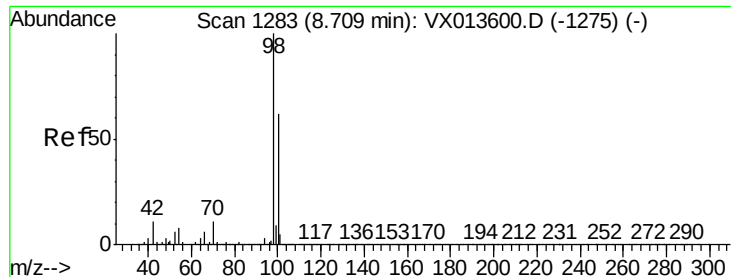
Ion Ratio Lower Upper

88 100

43 34.9 25.8 38.6

58 81.4 54.6 82.0





#50

Toluene-d8

Concen: 48.905 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

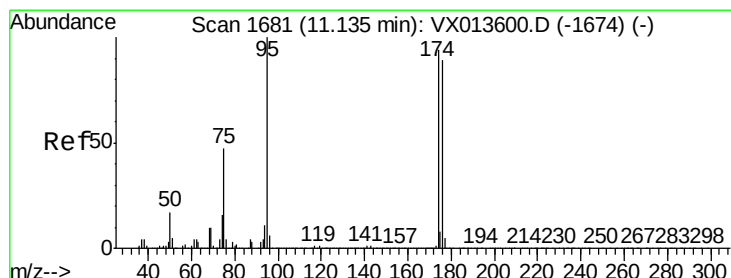
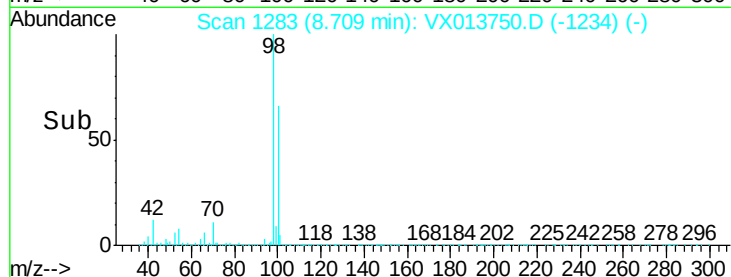
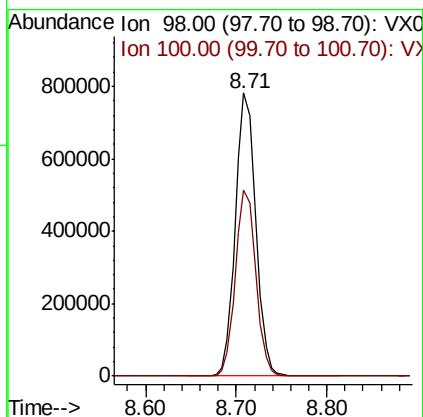
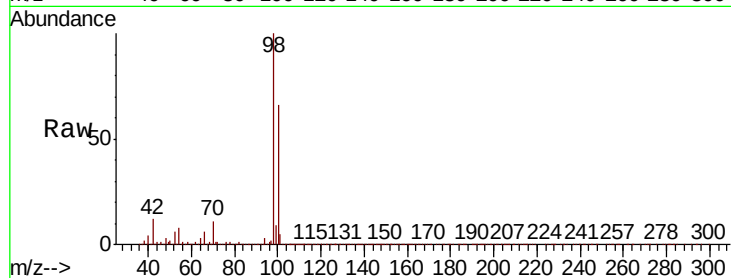
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 1224490

Ion Ratio Lower Upper

98 100

100 65.9 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.665 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

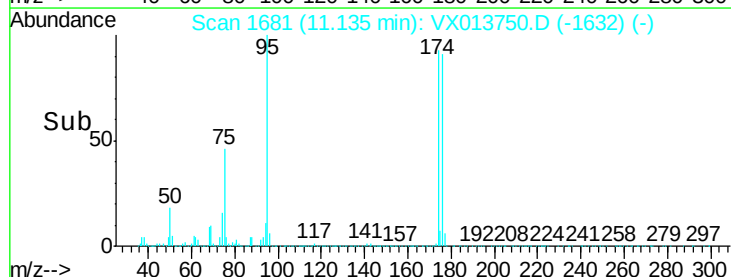
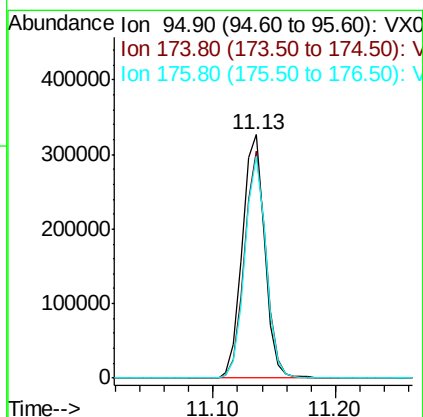
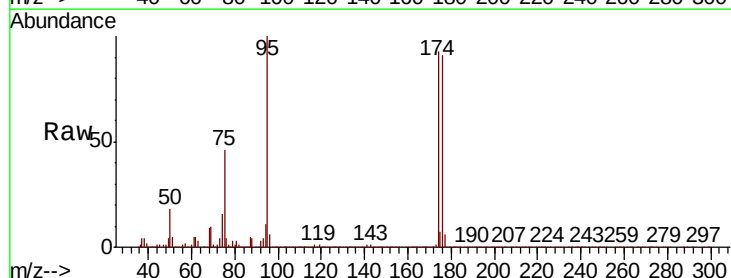
Tgt Ion: 95 Resp: 412293

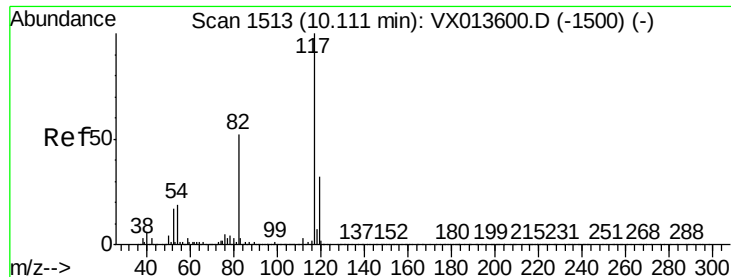
Ion Ratio Lower Upper

95 100

174 90.1 0.0 180.0

176 87.4 0.0 173.6

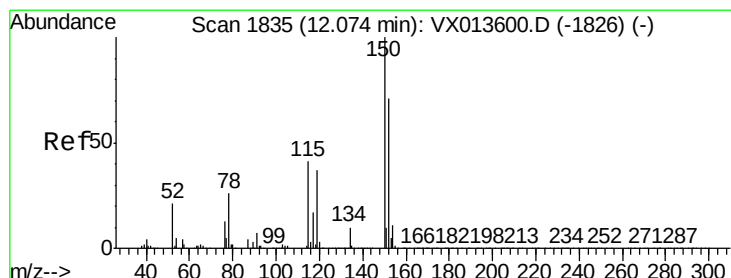
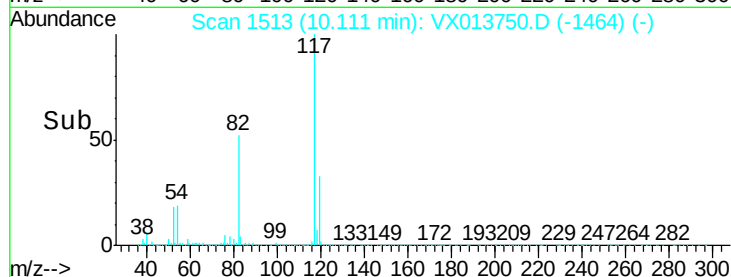
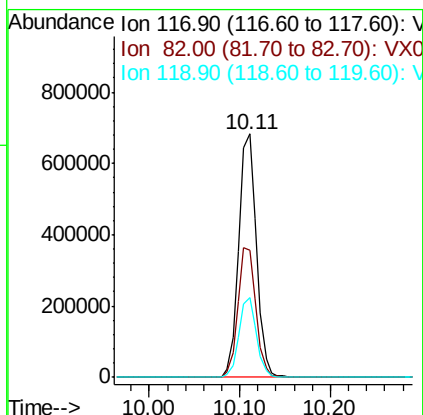
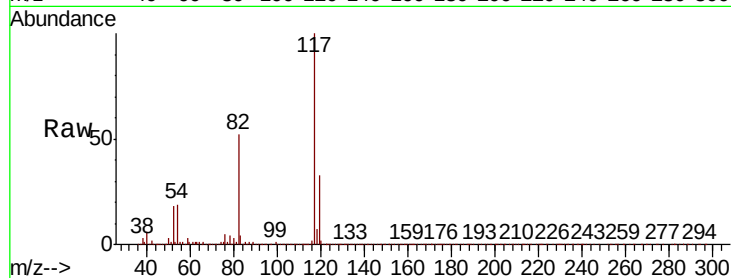




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

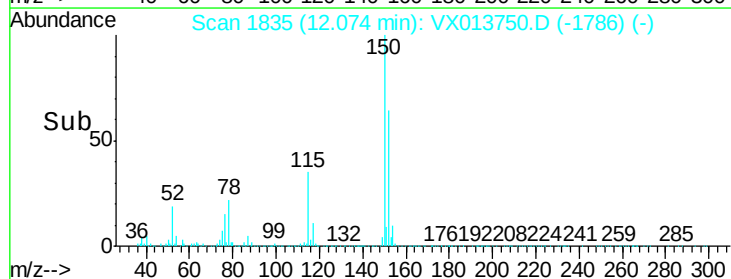
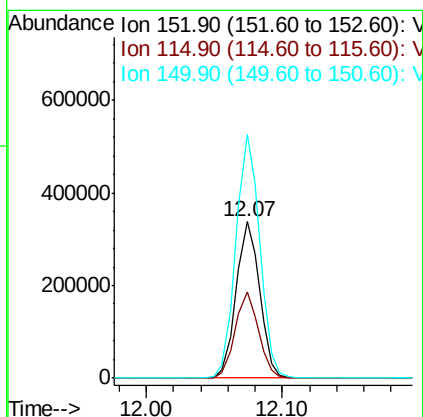
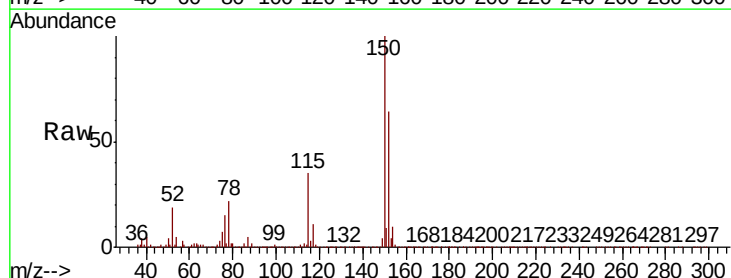
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

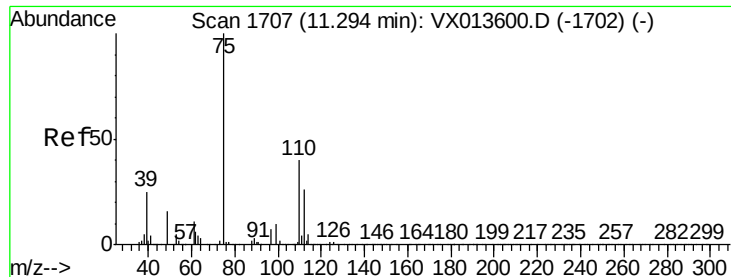
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.8	62.8
119	32.5	25.8	38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013750.D
Acq: 04 Dec 2019 15:30

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.5	38.4	115.1
150	156.9	0.0	346.8





#76

1,2,3-Trichloropropane

Concen: 21.668 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

Instrument :

MSVOA_X

ClientSampleId :

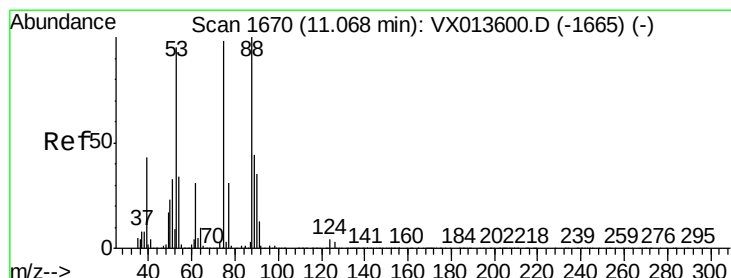
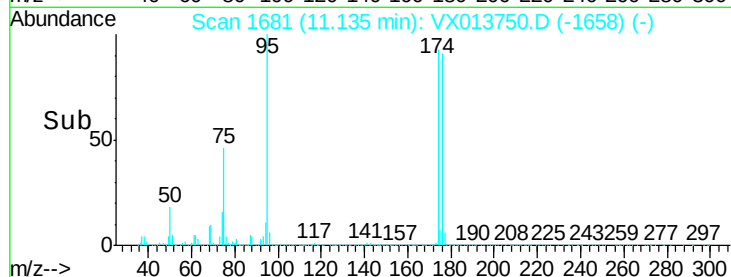
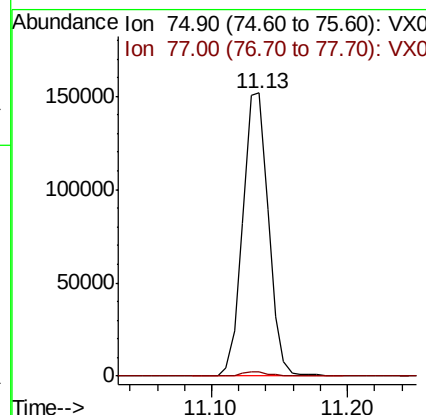
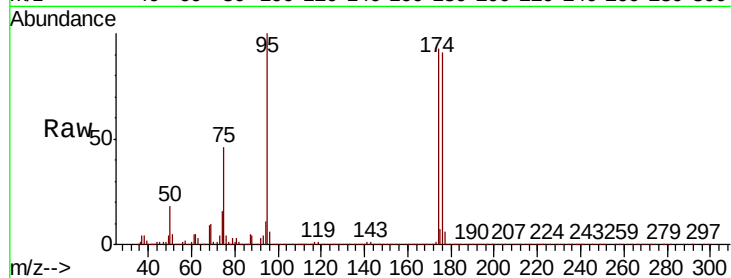
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 75 Resp: 199305

Ion Ratio Lower Upper

75 100

77 1.5 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 59.281 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX013750.D

Acq: 04 Dec 2019 15:30

Tgt Ion: 75 Resp: 199305

Ion Ratio Lower Upper

75 100

53 0.1 78.2 117.2#

89 0.2 35.4 53.2#

