

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111919\
 Data File : VX013459.D
 Acq On : 19 Nov 2019 12:21
 Operator : JC/SP
 Sample : K5909-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 20 09:20:20 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	682783	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1104767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	976927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	422729	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	404021	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
35) Dibromofluoromethane	5.49	113	337027	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.71	98	1325475	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
62) 4-Bromofluorobenzene	11.14	95	427776	45.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.74%	

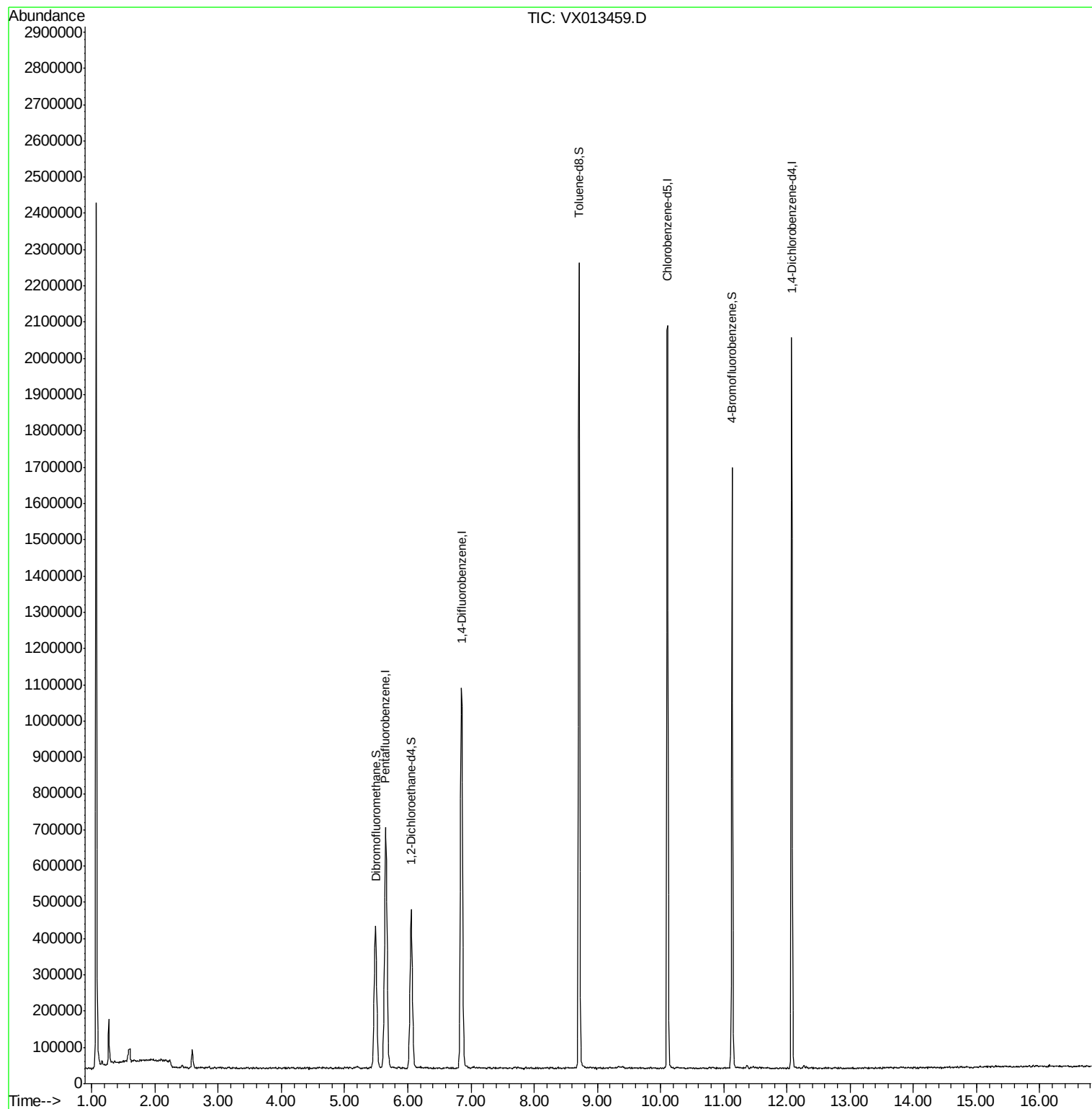
Target Compounds	Qvalue

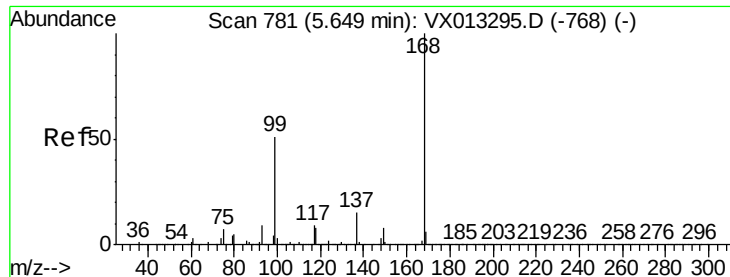
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013459.D

Acq: 19 Nov 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

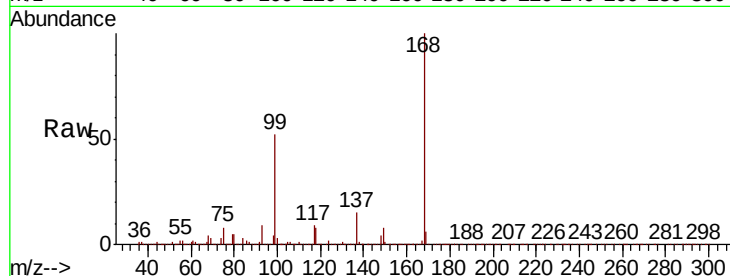
STORAGE-BLANK-SAMPLE-MANA

Tot Ion:168 Resp: 682783

Ion Ratio Lower Upper

168 100

99 51.7 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

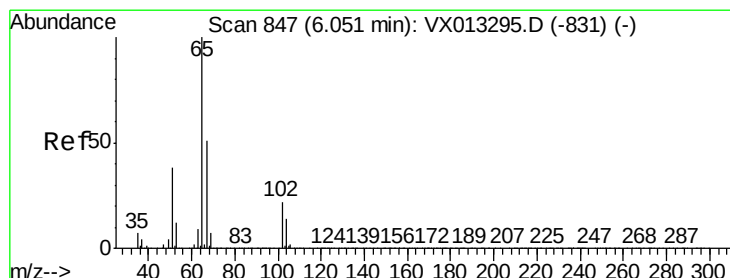
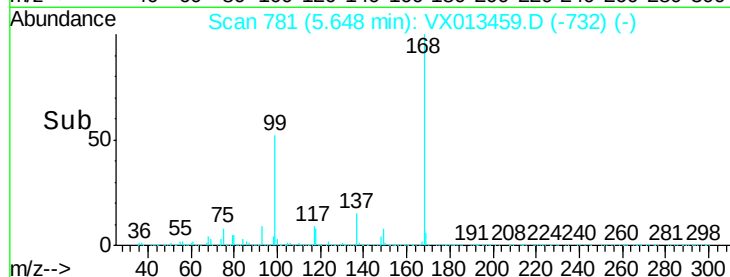
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 49.947 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013459.D

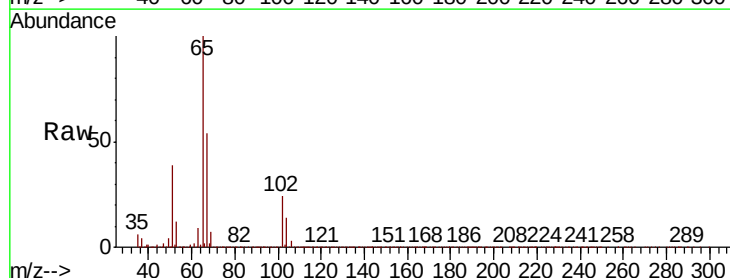
Acq: 19 Nov 2019 12:21

Tgt Ion: 65 Resp: 404021

Ion Ratio Lower Upper

65 100

67 53.0 0.0 104.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

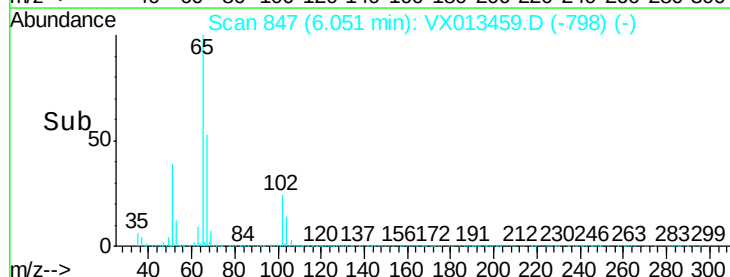
150000

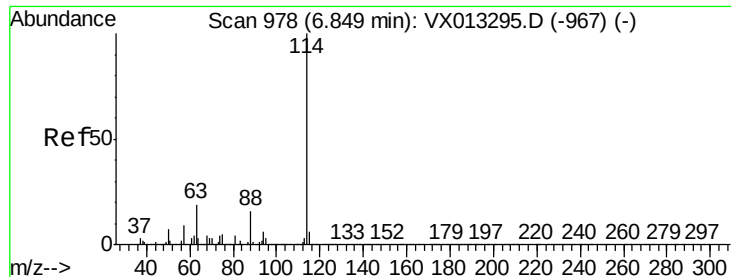
100000

50000

0

Time--> 5.90 6.00 6.10 6.20

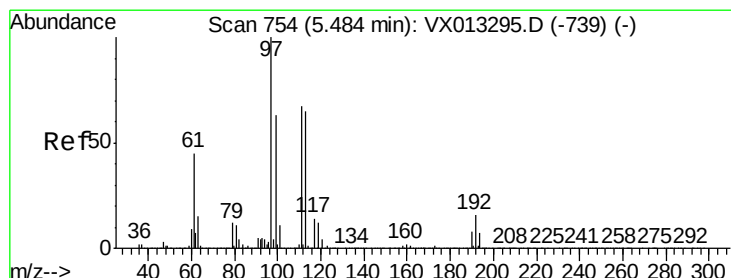
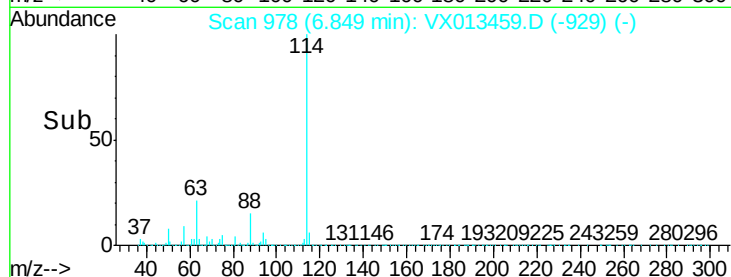
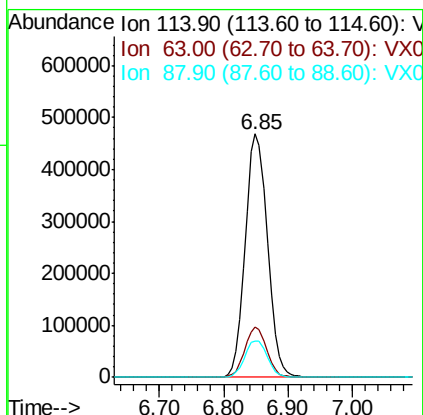
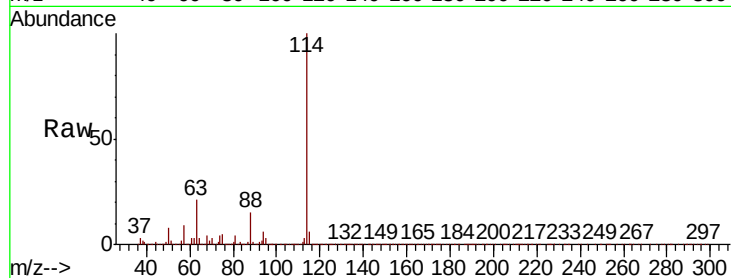




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013459.D
Acq: 19 Nov 2019 12:21

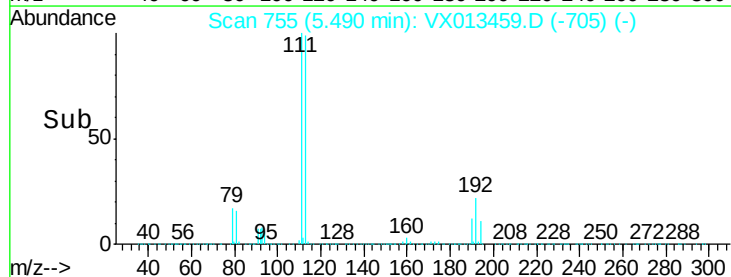
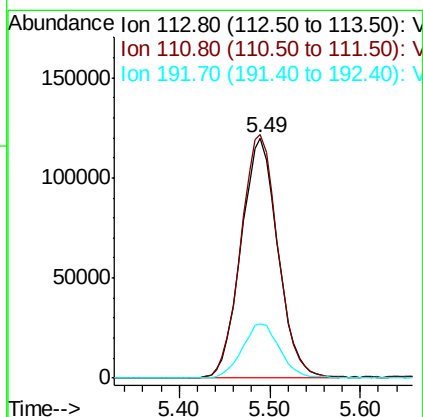
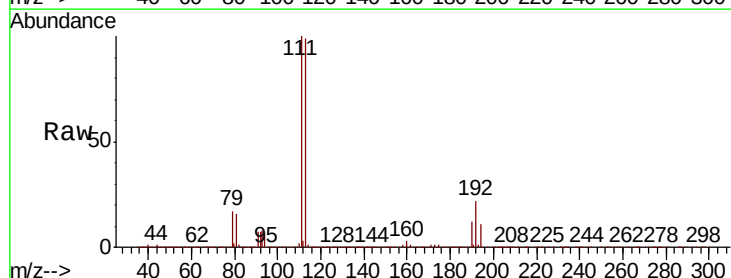
Instrument :
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STORAGE-BLANK-SAMPLE-MANA

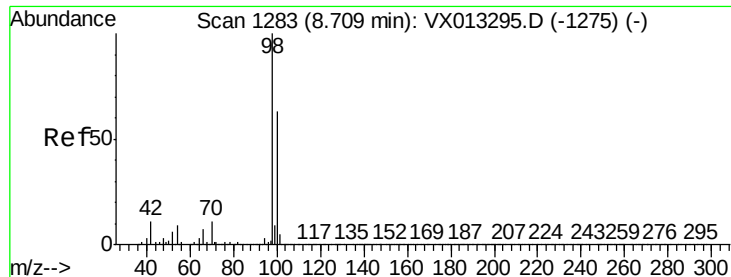
Tot Ion:114 Resp: 1104767
Ion Ratio Lower Upper
114 100
63 20.5 0.0 38.4
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 48.638 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013459.D
Acq: 19 Nov 2019 12:21

Tgt Ion:113 Resp: 337027
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 23.1 19.1 28.7





#50

Toluene-d8

Concen: 50.741 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013459.D

Acq: 19 Nov 2019 12:21

Instrument :

MSVOA_X

ClientSampleId :

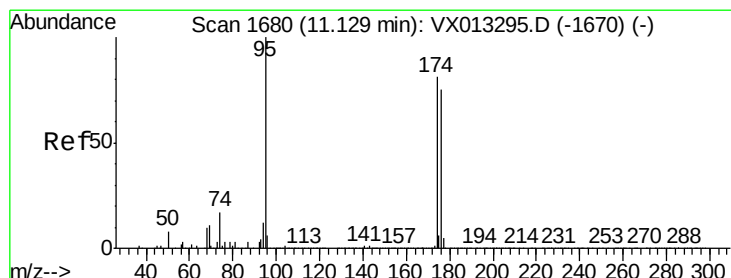
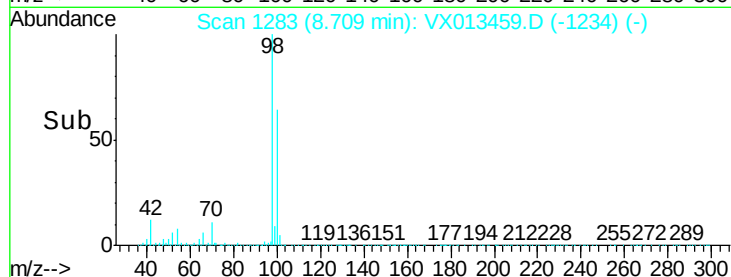
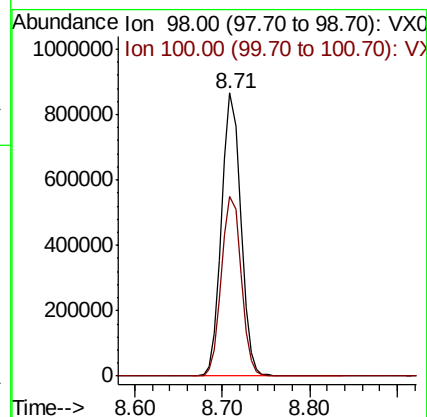
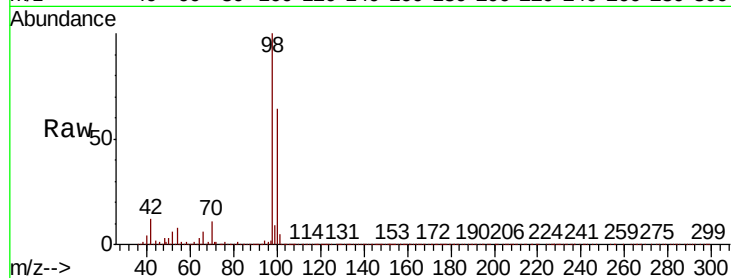
STORAGE-BLANK-SAMPLE-MANA

Tot Ion: 98 Resp: 1325475

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.374 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013459.D

Acq: 19 Nov 2019 12:21

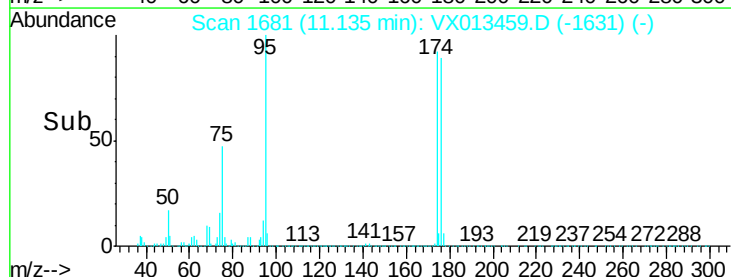
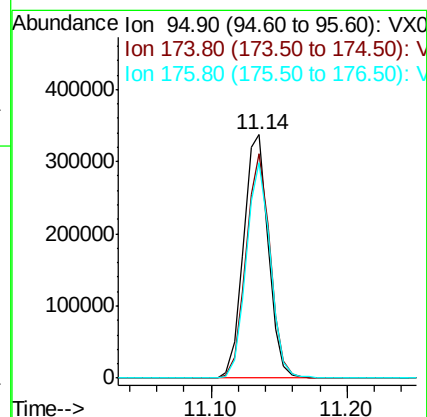
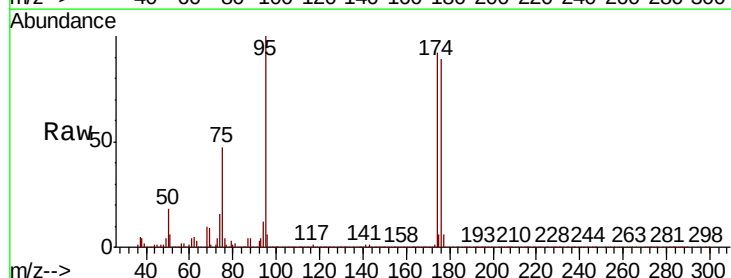
Tgt Ion: 95 Resp: 427776

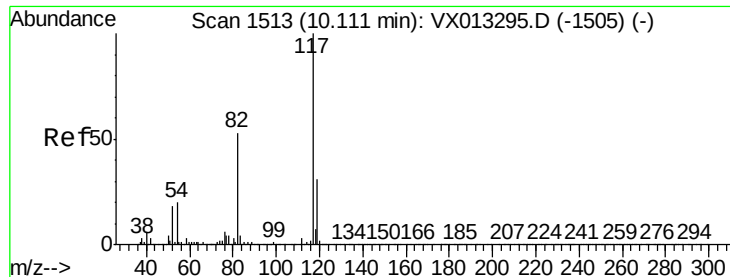
Ion Ratio Lower Upper

95 100

174 90.2 0.0 179.8

176 86.3 0.0 173.0

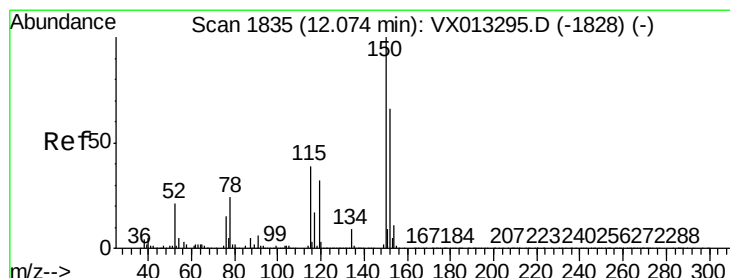
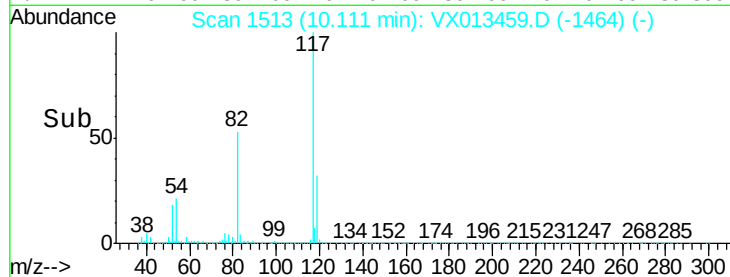
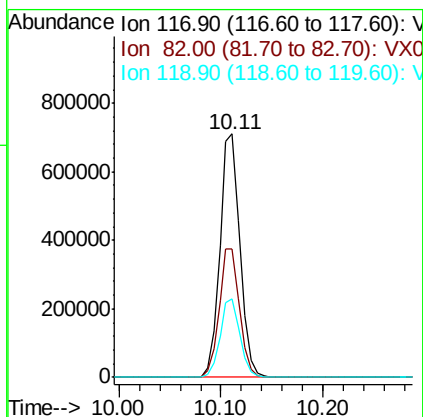
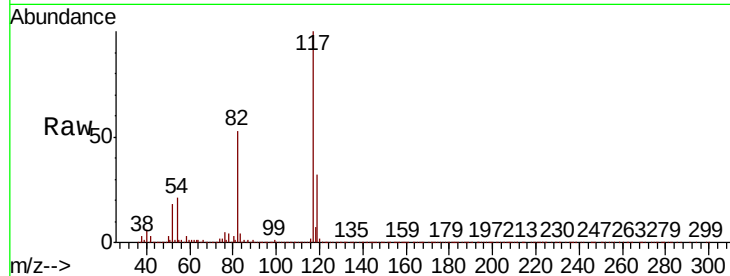




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013459.D
Acq: 19 Nov 2019 12:21

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	42.6	64.0
119	32.3	24.8	37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013459.D
Acq: 19 Nov 2019 12:21

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.4	39.5	118.3
150	155.0	0.0	344.4

