

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013933.D
 Acq On : 11 Dec 2019 10:35
 Operator : JC/SP
 Sample : VX1211WBL01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL01

Quant Time: Dec 12 04:01:29 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	596066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	917256	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	827227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	397995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	332932	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
35) Dibromofluoromethane	5.48	113	276747	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	8.71	98	1085469	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
62) 4-Bromofluorobenzene	11.13	95	374739	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	

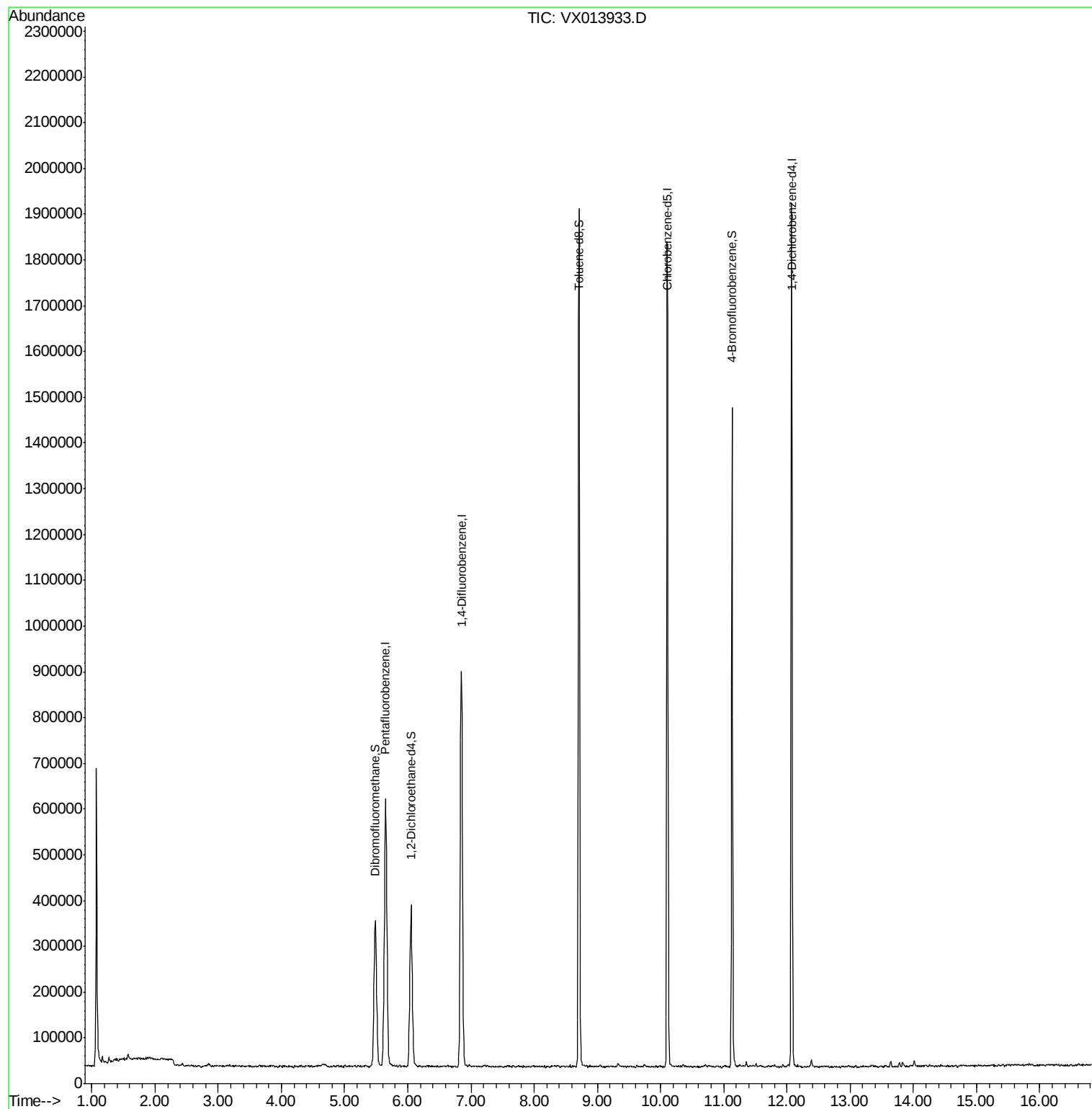
Target Compounds	Qvalue

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

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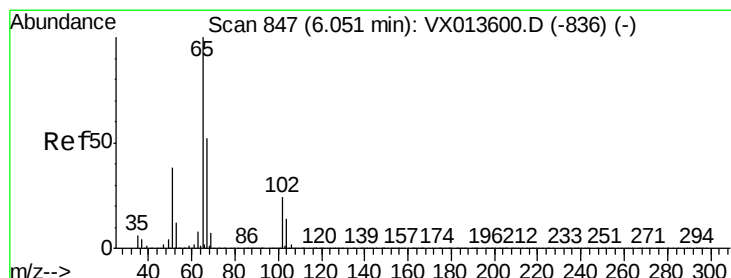
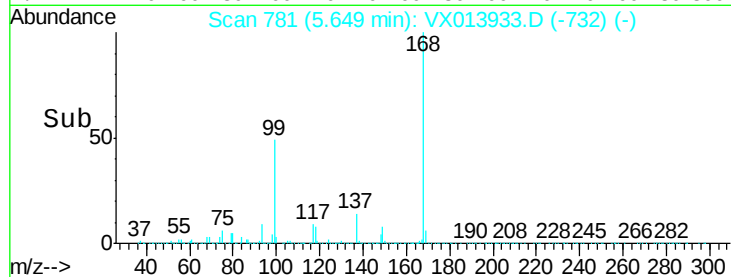
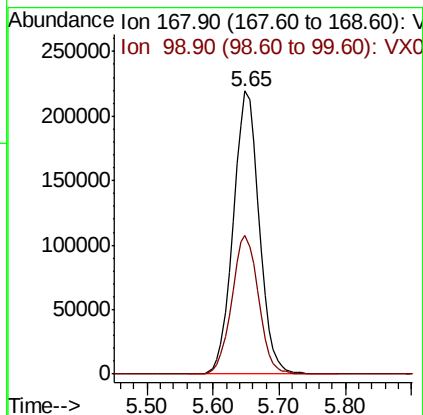
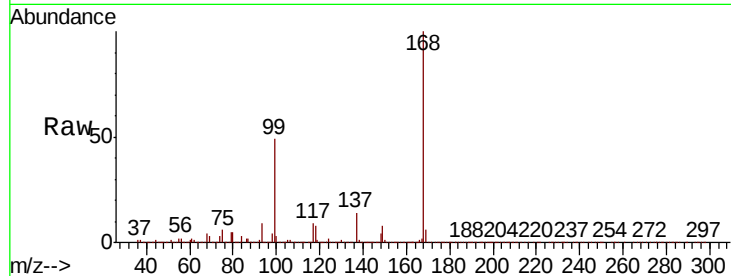


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. 0.00 min
 Lab File: VX013933.D
 Acq: 11 Dec 2019 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1211WBL01

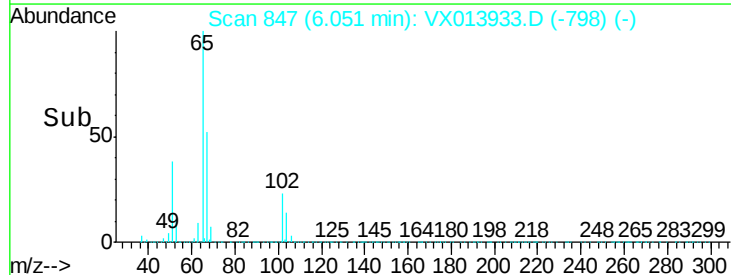
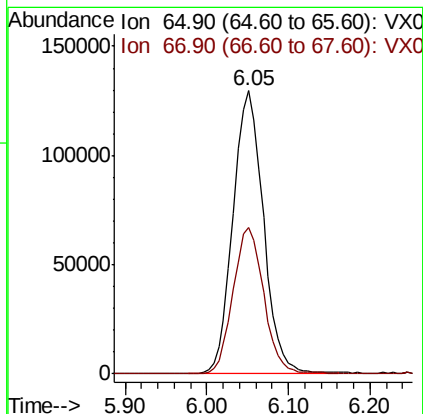
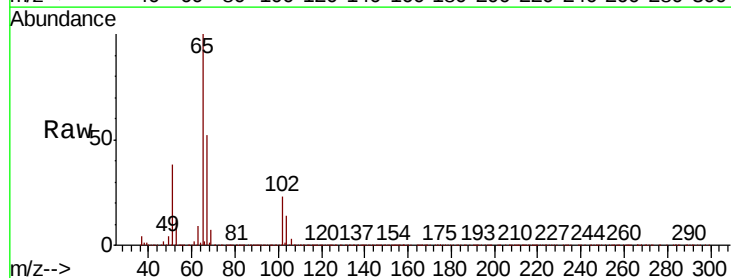
Tot Ion	Ratio	Lower	Upper
168	100		
99	49.1	39.8	59.8

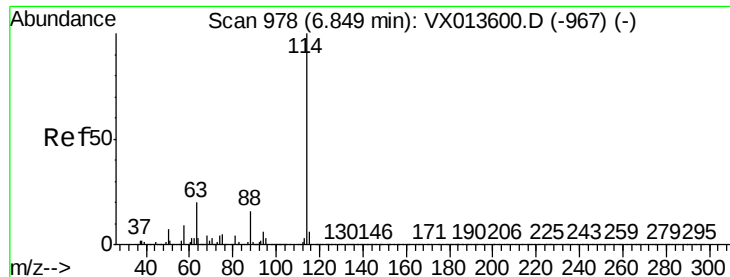


#33

1,2-Dichloroethane-d4
 Concen: 48.119 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013933.D
 Acq: 11 Dec 2019 10:35

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.6	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: VX013933.D

Acq: 11 Dec 2019 10:35

Instrument :

MSVOA_X

ClientSampleId :

VX1211WBL01

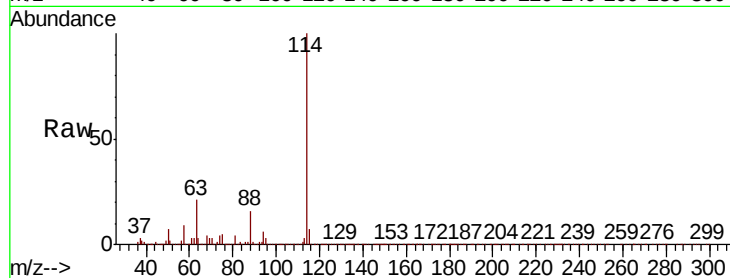
Tot Ion:114 Resp: 917256

Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.6

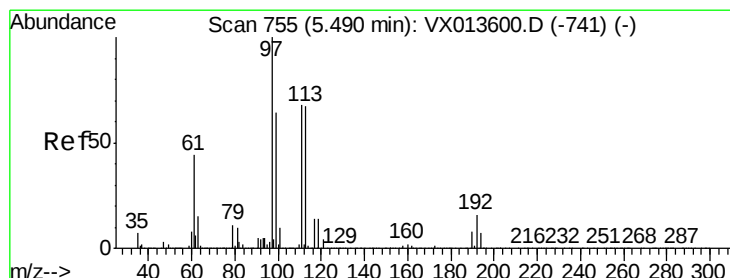
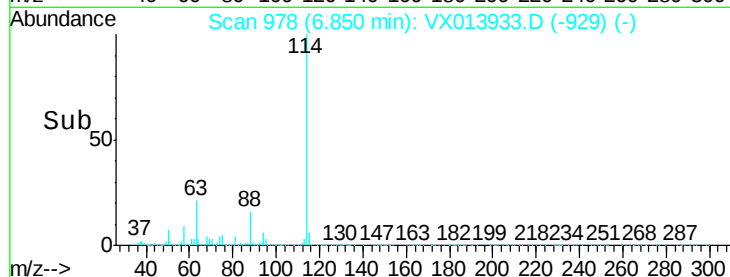
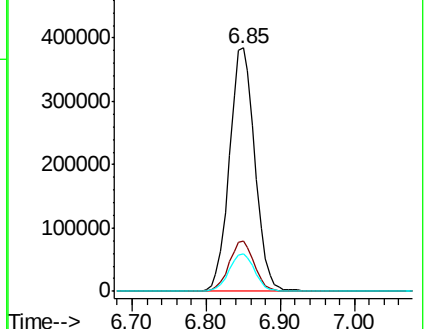
88 15.5 0.0 31.4



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: 48.804 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX013933.D

Acq: 11 Dec 2019 10:35

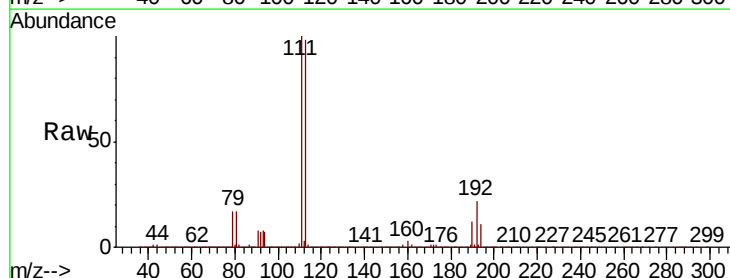
Tgt Ion:113 Resp: 276747

Ion Ratio Lower Upper

113 100

111 103.1 83.6 125.4

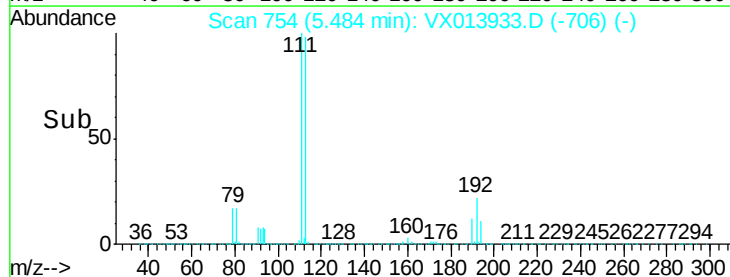
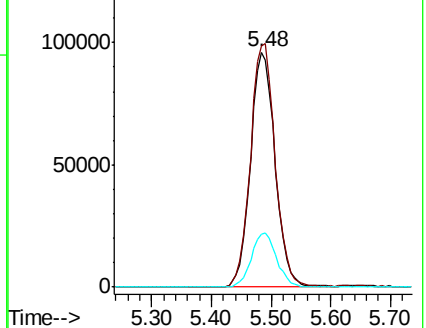
192 23.4 19.2 28.8

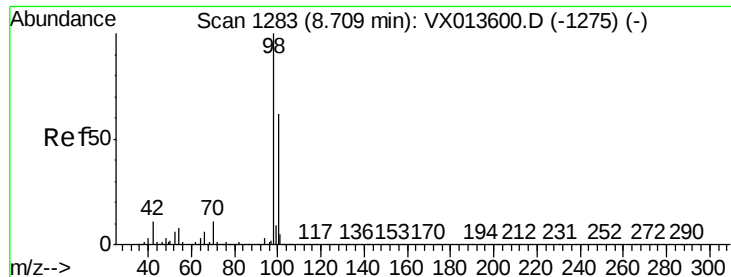


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

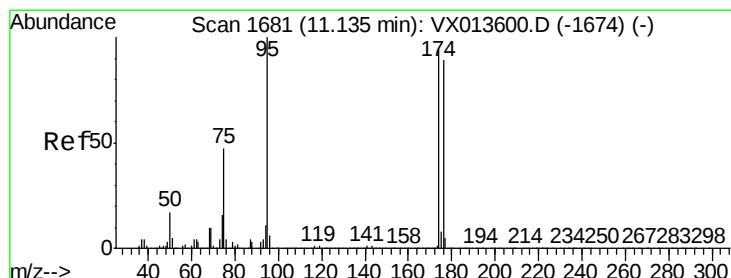
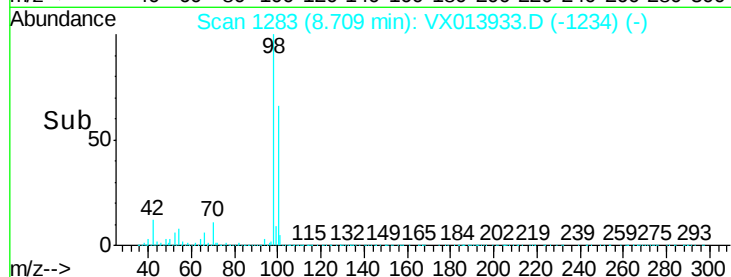
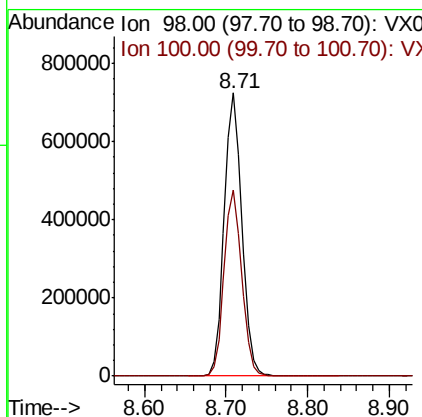
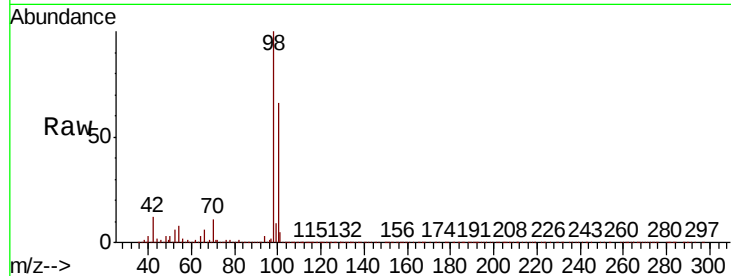




#50
Toluene-d8
Concen: 49.131 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013933.D
Acq: 11 Dec 2019 10:35

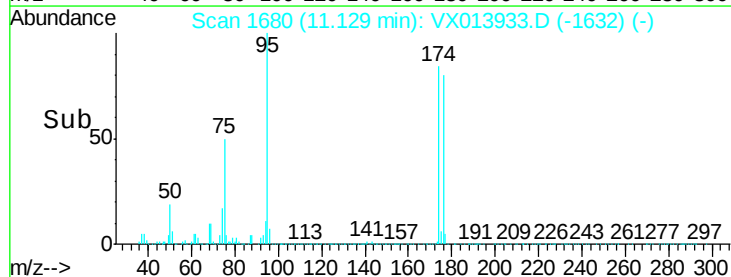
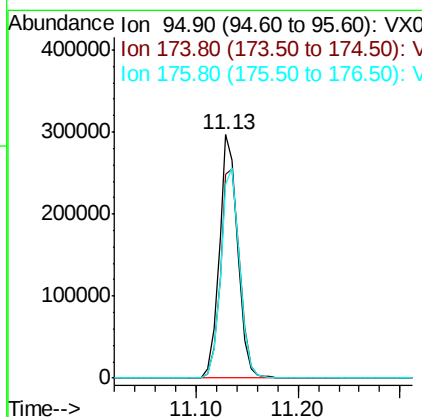
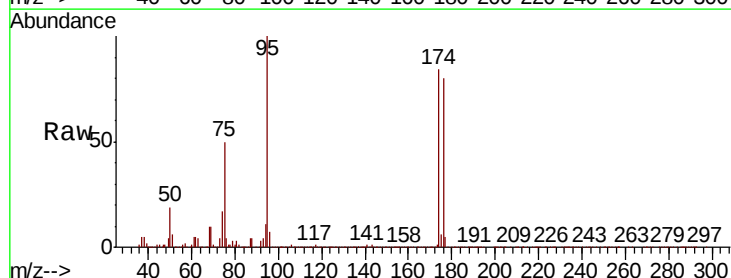
Instrument :
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VX1211WBL01

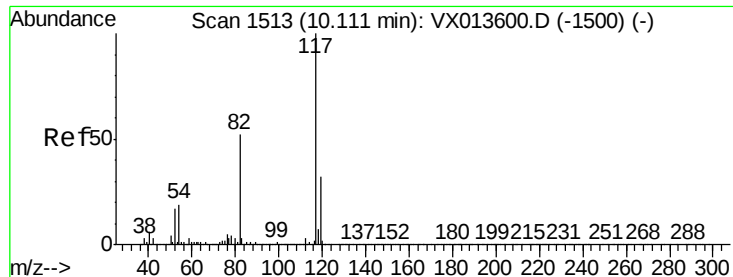
Tot Ion: 98 Resp: 1085469
Ion Ratio Lower Upper
98 100
100 65.8 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.037 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013933.D
Acq: 11 Dec 2019 10:35

Tgt Ion: 95 Resp: 374739
Ion Ratio Lower Upper
95 100
174 89.2 0.0 180.0
176 87.4 0.0 173.6

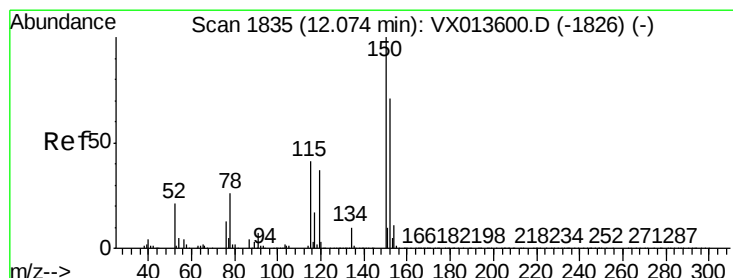
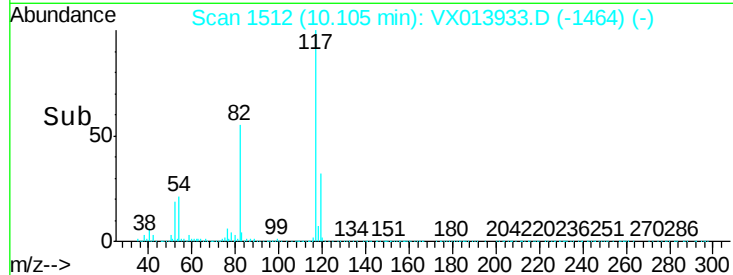
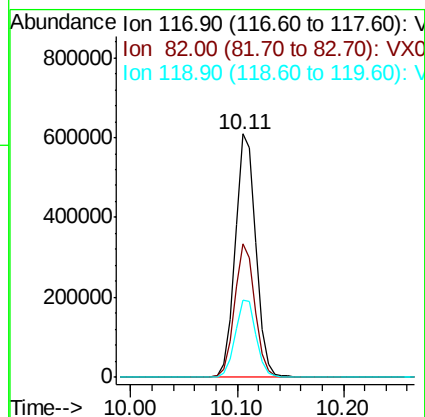
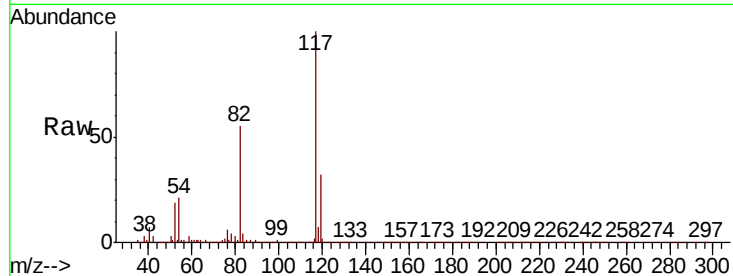




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013933.D
Acq: 11 Dec 2019 10:35

Instrument :
MSVOA_X
ClientSampleId :
VX1211WBL01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.9	41.8	62.8
119	31.7	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: VX013933.D
Acq: 11 Dec 2019 10:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.4	115.1
150	155.8	0.0	346.8

