

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137871.D
 Acq On : 09 Dec 2019 23:57
 Operator : JC/SP
 Sample : VX1209WBL02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 05:41:10 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	604158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	924226	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	823581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	364903	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	336452	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	277072	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	1097708	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	11.13	95	367928	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

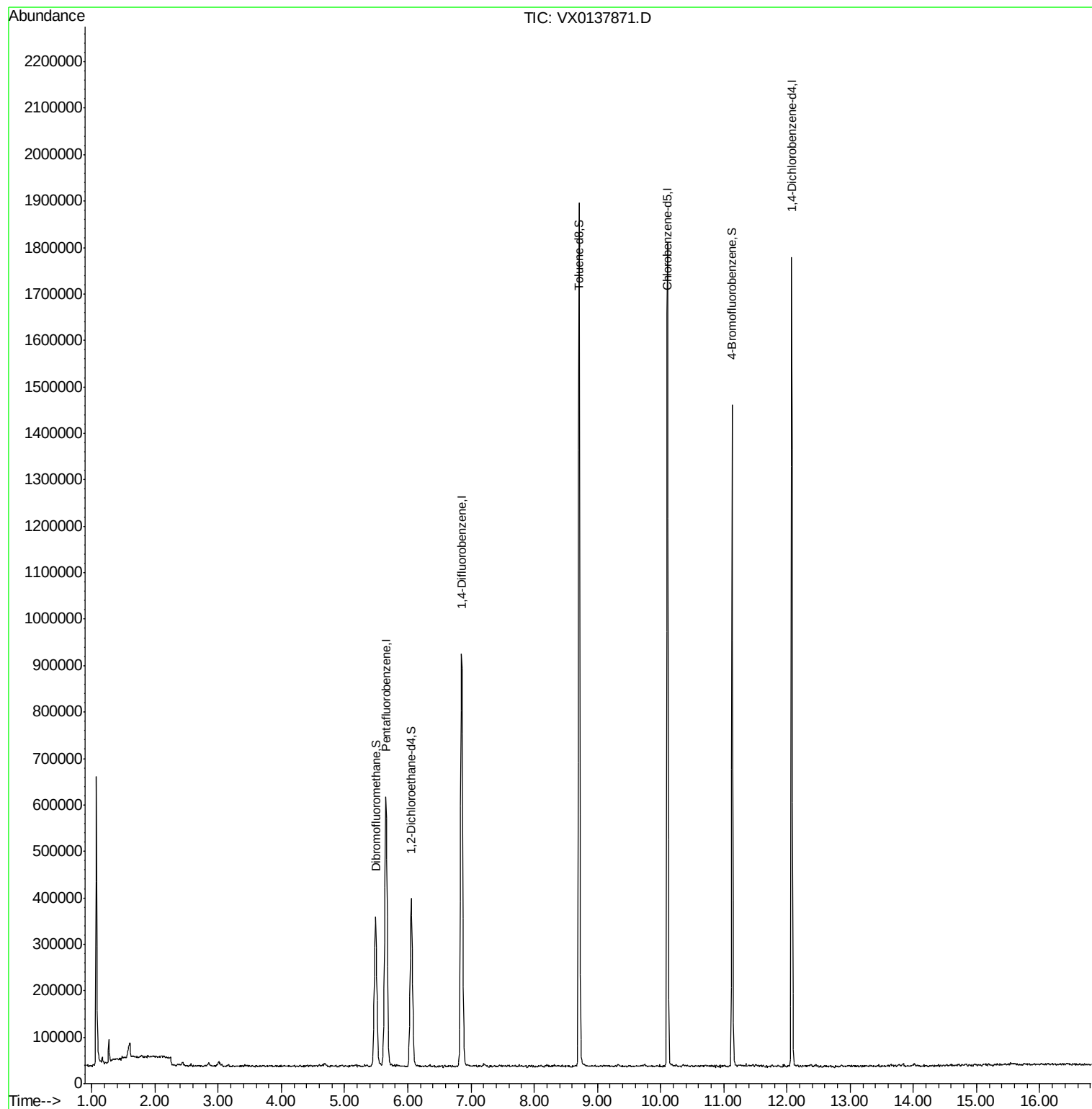
Target Compounds	Qvalue

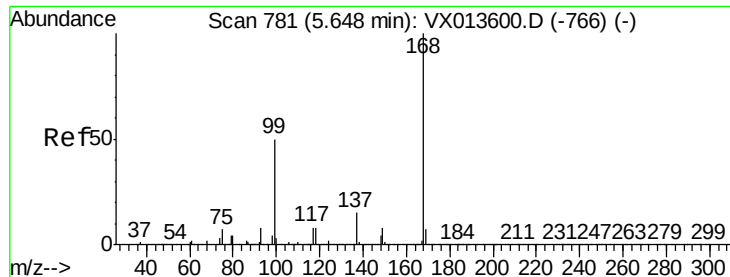
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137871.D

Acq: 09 Dec 2019 23:57

Instrument :

MSVOA_X

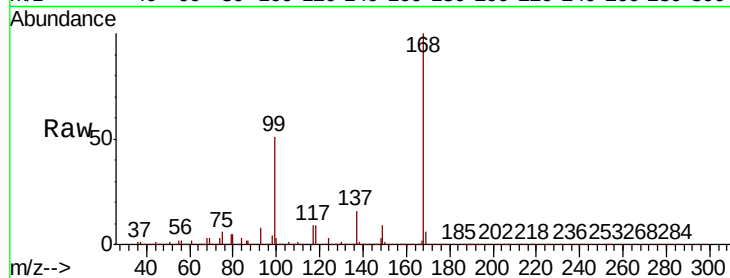
ClientSampleId :

Tot Ion:168 Resp: 604158

Ion Ratio Lower Upper

168 100

99 50.6 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

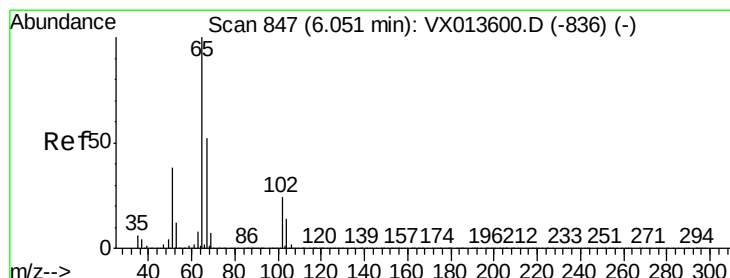
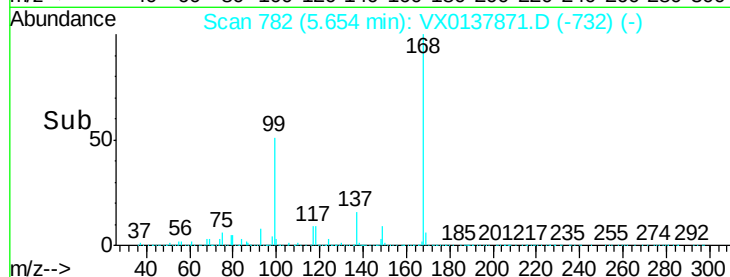
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.976 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX0137871.D

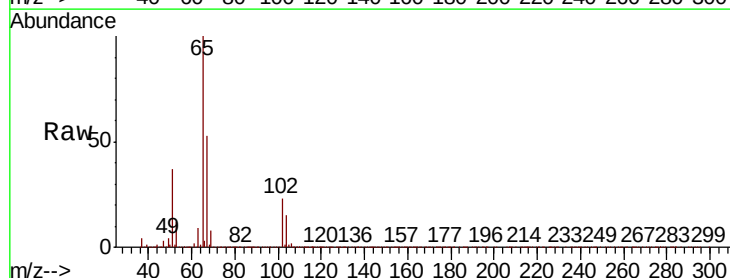
Acq: 09 Dec 2019 23:57

Tgt Ion: 65 Resp: 336452

Ion Ratio Lower Upper

65 100

67 52.4 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

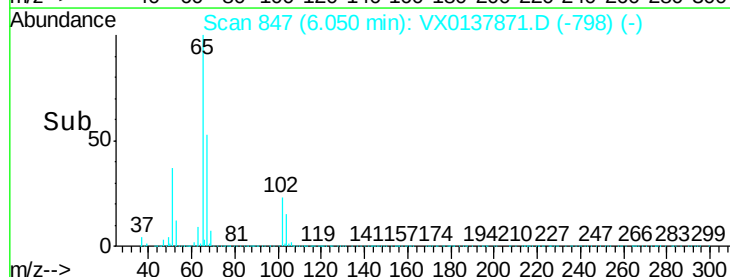
150000

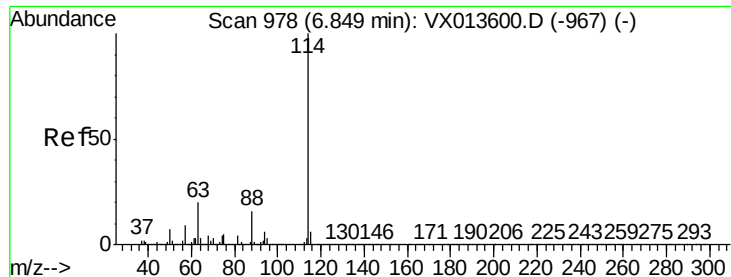
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Time-->

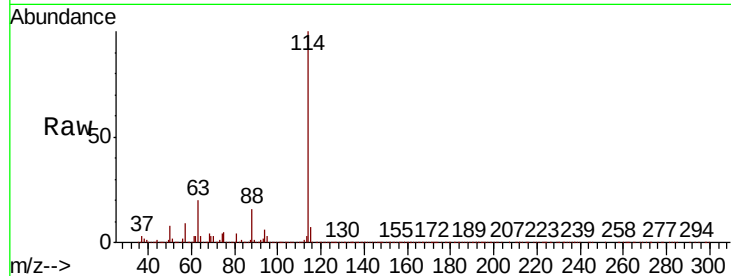




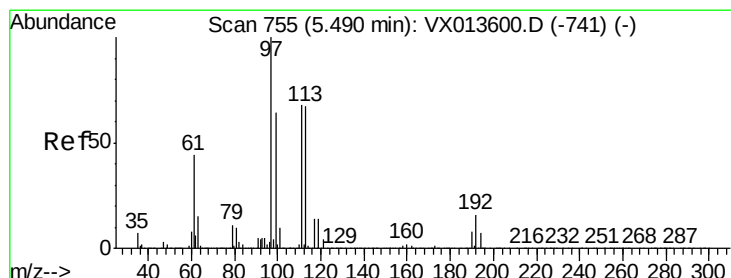
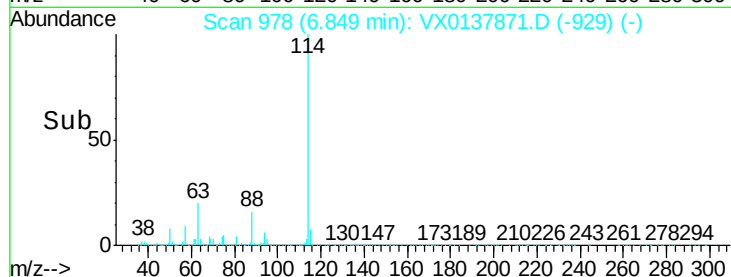
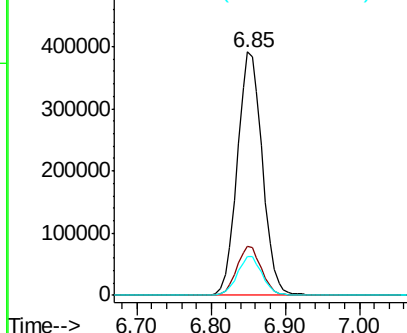
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX0137871.D
Acq: 09 Dec 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	39.6
88	15.8	0.0	31.4

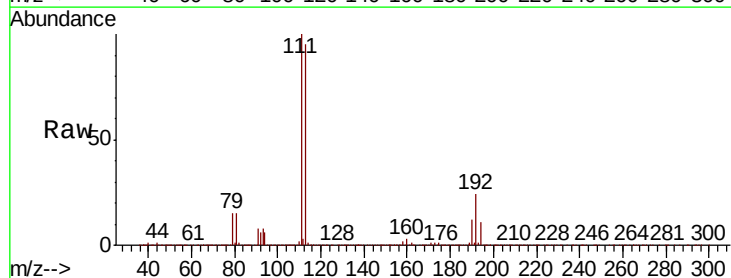


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

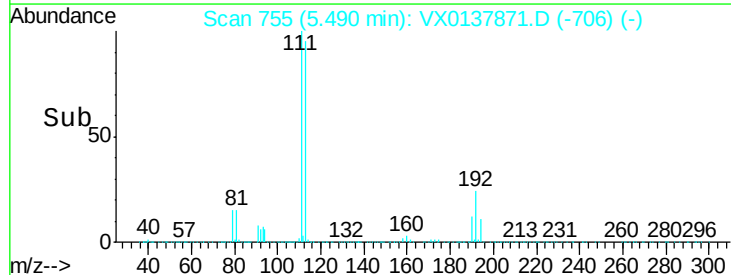
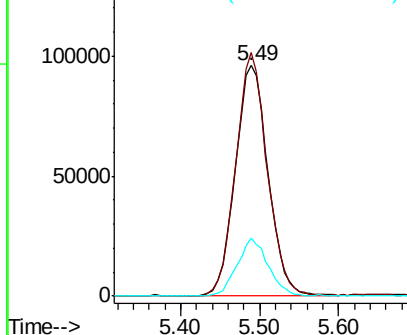


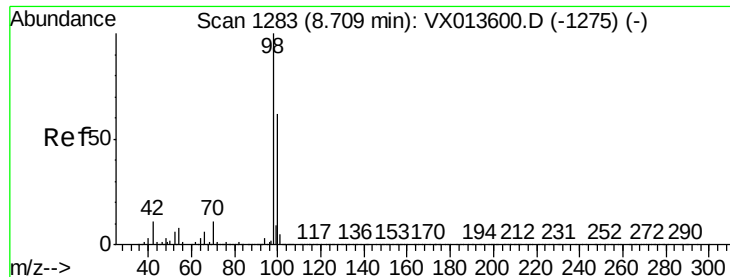
#35
Dibromofluoromethane
Concen: 48.493 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX0137871.D
Acq: 09 Dec 2019 23:57

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	83.6	125.4
192	23.6	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

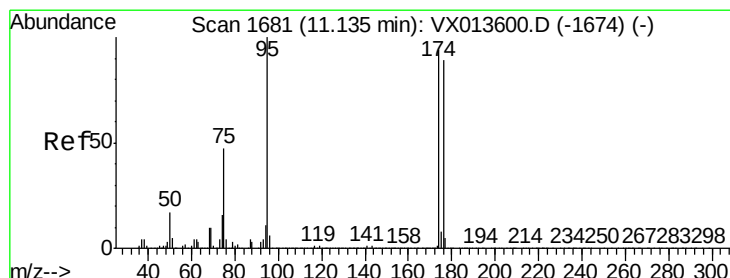
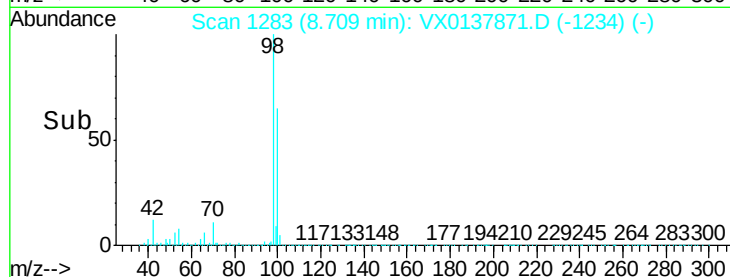
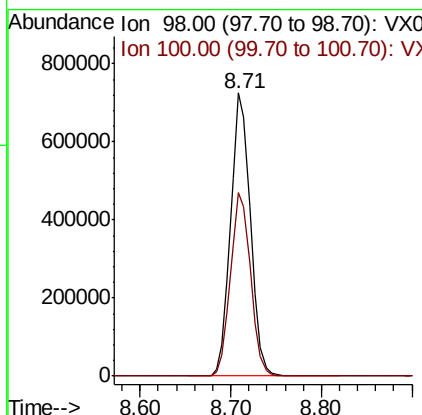
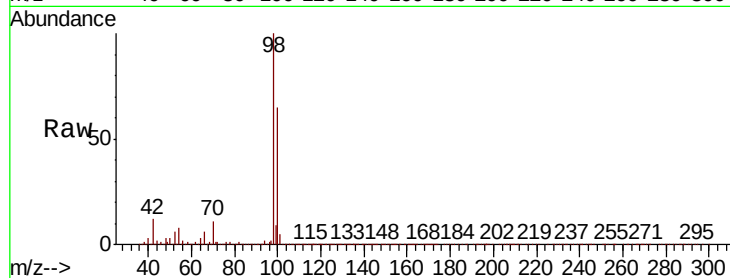




#50
Toluene-d8
Concen: 49.310 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX0137871.D
Acq: 09 Dec 2019 23:57

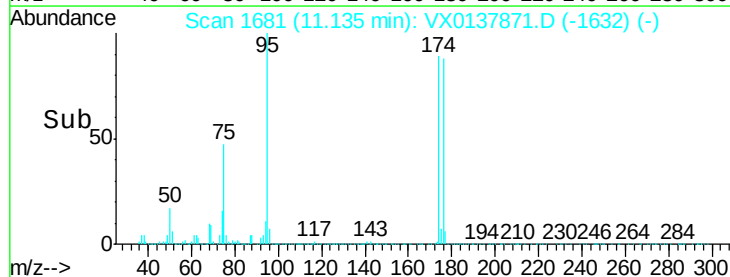
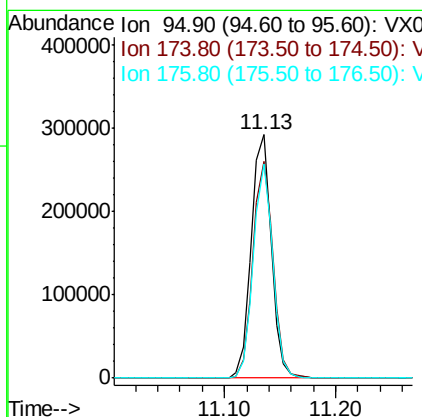
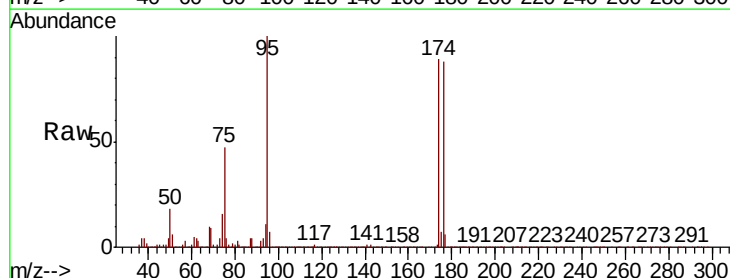
Instrument :
MSVOA_X
ClientSampleId :

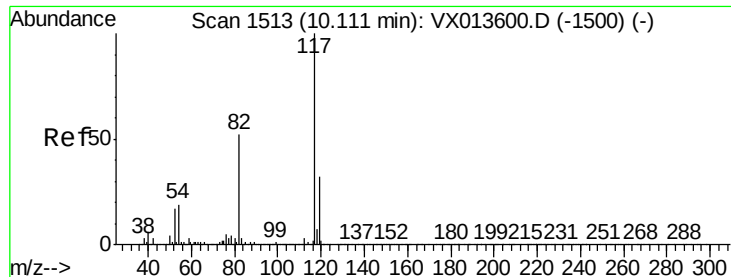
Tot Ion: 98 Resp: 1097708
Ion Ratio Lower Upper
98 100
100 65.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.834 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX0137871.D
Acq: 09 Dec 2019 23:57

Tgt Ion: 95 Resp: 367928
Ion Ratio Lower Upper
95 100
174 88.8 0.0 180.0
176 85.8 0.0 173.6

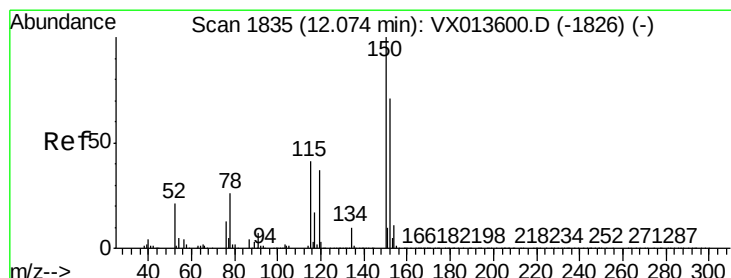
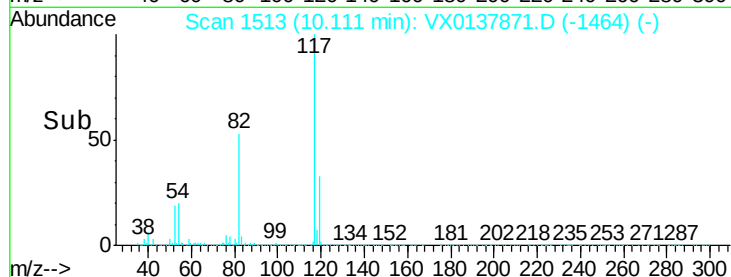
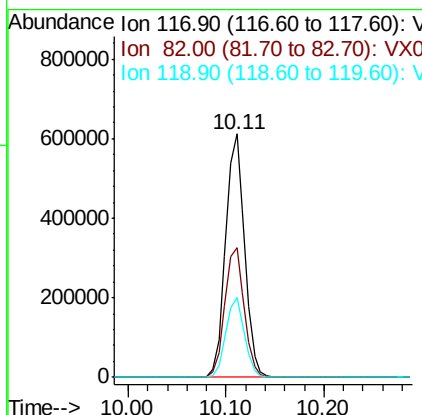
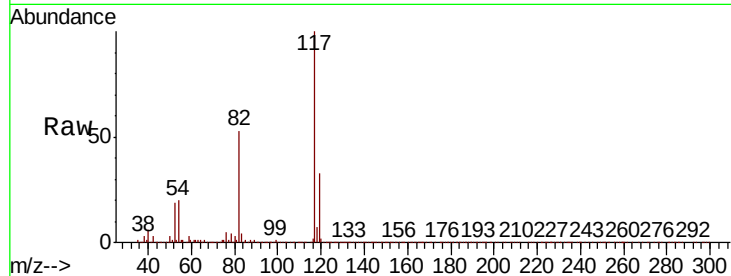




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX0137871.D
Acq: 09 Dec 2019 23:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.0	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: VX0137871.D
Acq: 09 Dec 2019 23:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.0	38.4	115.1
150	156.6	0.0	346.8

