

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122719\
 Data File : VX014320.D
 Acq On : 27 Dec 2019 19:38
 Operator : JC/SP
 Sample : K6449-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OW-4

Quant Time: Dec 30 11:37:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	497638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	771701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	697873	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	306720	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	282409	50.07	ug/l	0.00
Spiked Amount						
			Recovery	=	100.14%	
35) Dibromofluoromethane	5.49	113	230175	49.07	ug/l	0.00
Spiked Amount						
			Recovery	=	98.14%	
50) Toluene-d8	8.71	98	918789	50.31	ug/l	0.00
Spiked Amount						
			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	11.13	95	311586	46.67	ug/l	0.00
Spiked Amount						
			Recovery	=	93.34%	

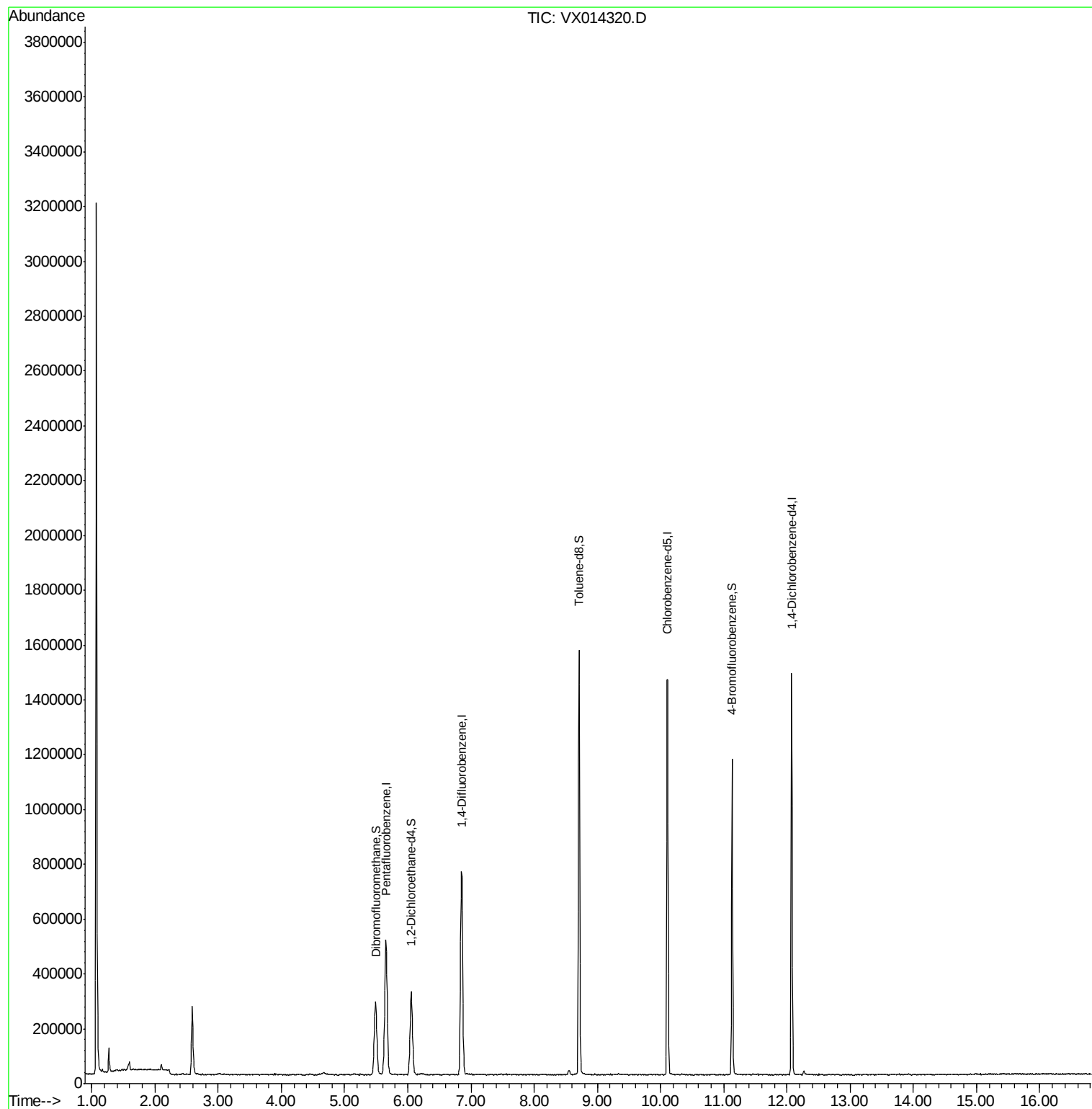
Target Compounds	Qvalue

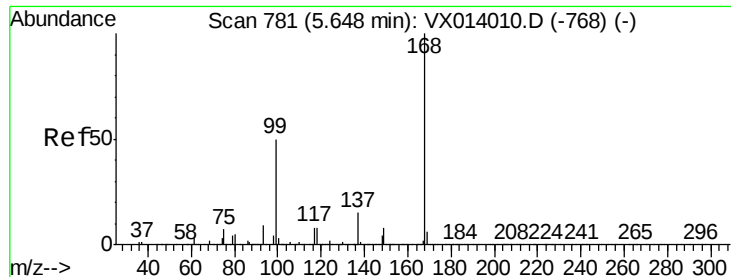
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 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: VX014320.D

Acq: 27 Dec 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

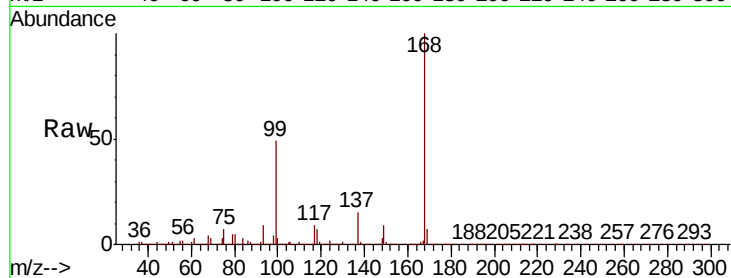
OW-4

Tot Ion:168 Resp: 497638

Ion Ratio Lower Upper

168 100

99 49.0 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

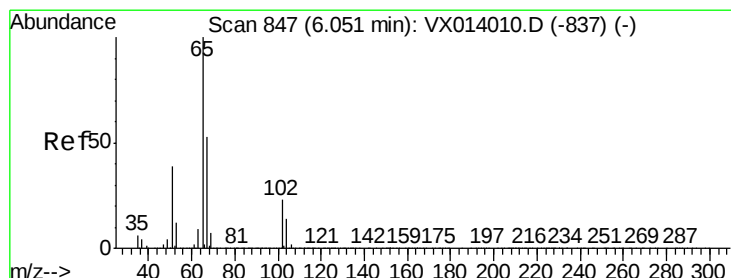
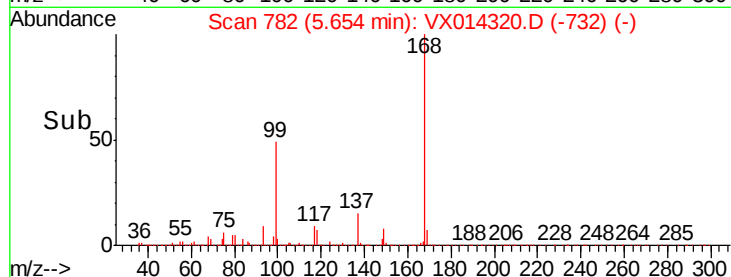
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.072 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX014320.D

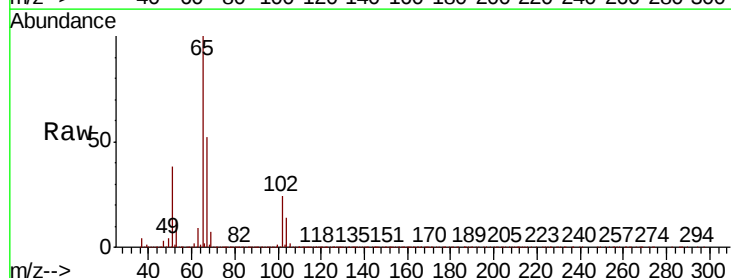
Acq: 27 Dec 2019 19:38

Tgt Ion: 65 Resp: 282409

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

120000

100000

80000

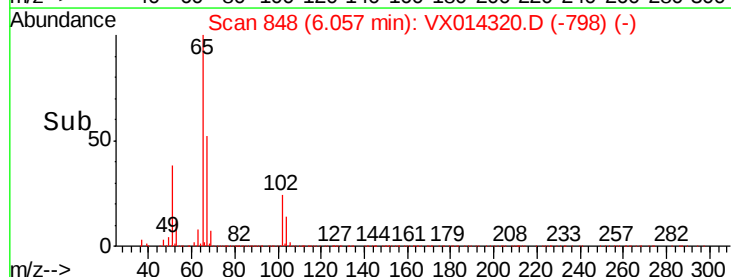
60000

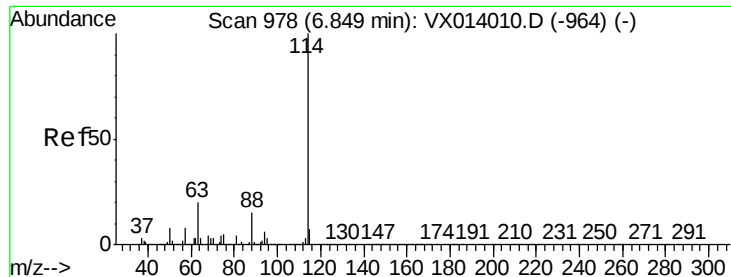
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 979

Delta R.T. 0.01 min

Lab File: VX014320.D

Acq: 27 Dec 2019 19:38

Instrument :

MSVOA_X

ClientSampleId :

OW-4

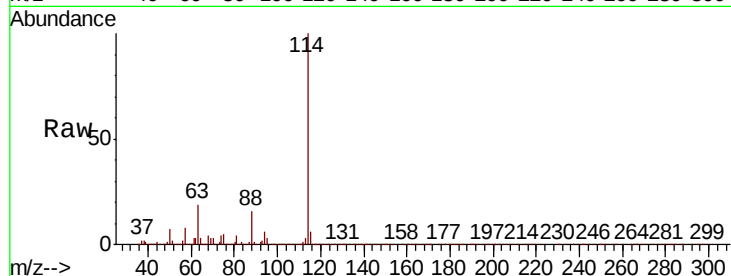
Tot Ion:114 Resp: 771701

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

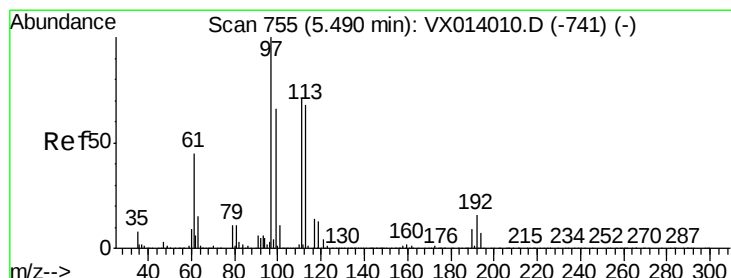
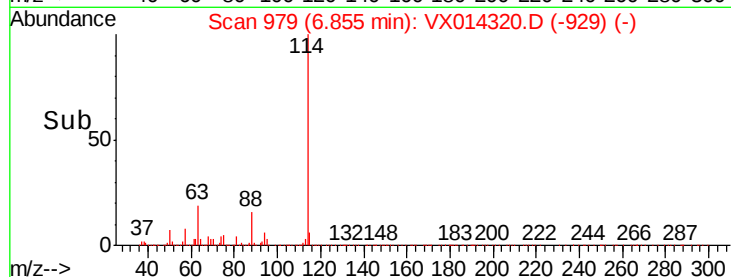
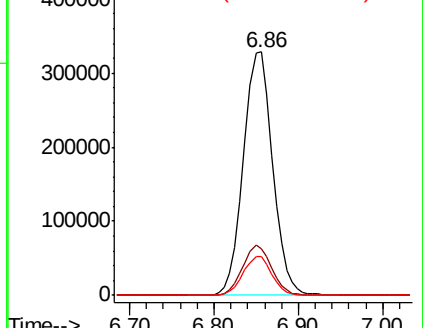
88 15.7 0.0 30.4



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: 49.066 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014320.D

Acq: 27 Dec 2019 19:38

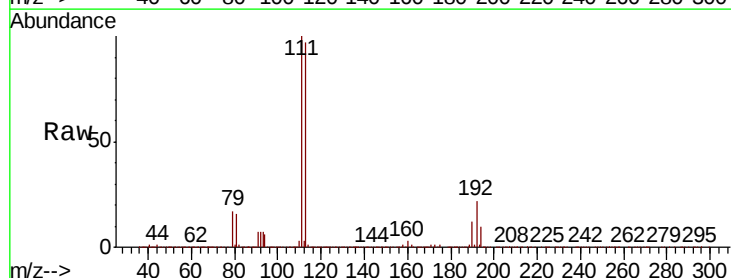
Tgt Ion:113 Resp: 230175

Ion Ratio Lower Upper

113 100

111 102.9 82.0 123.0

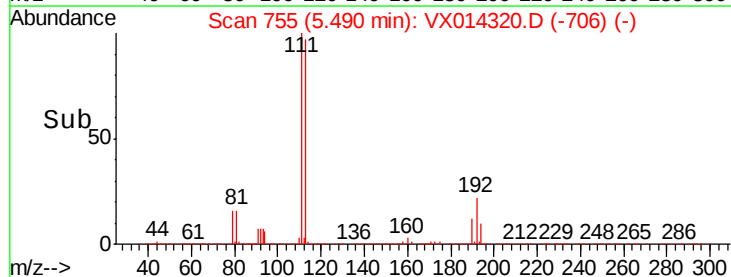
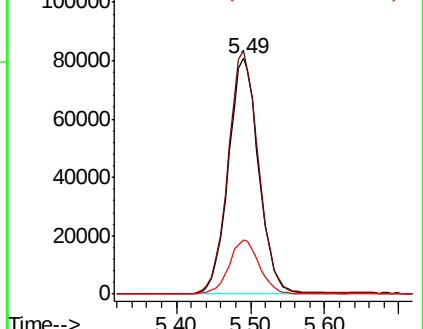
192 23.0 19.3 28.9



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

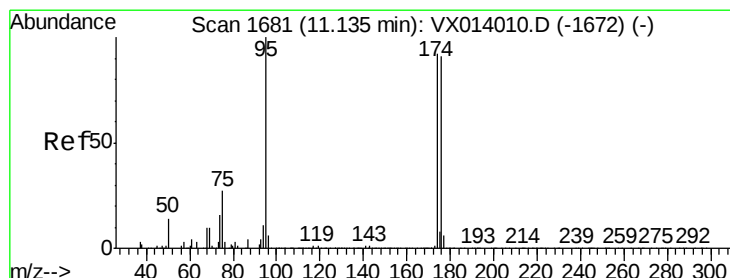
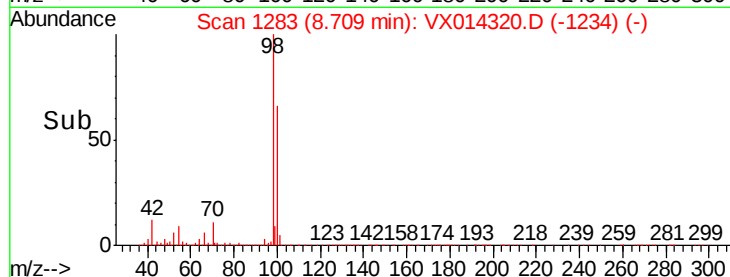
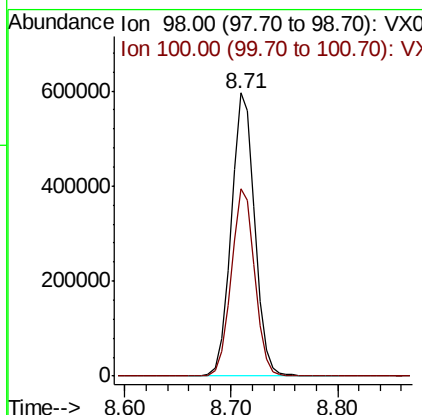
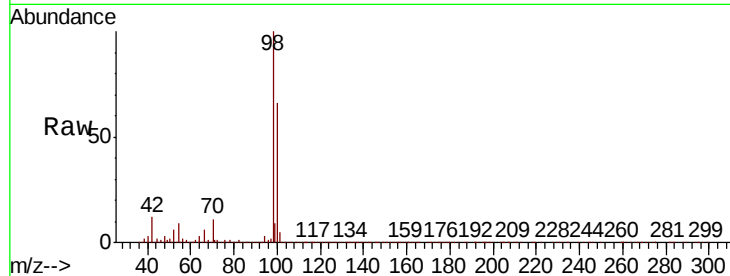




#50
Toluene-d8
Concen: 50.307 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014320.D
Acq: 27 Dec 2019 19:38

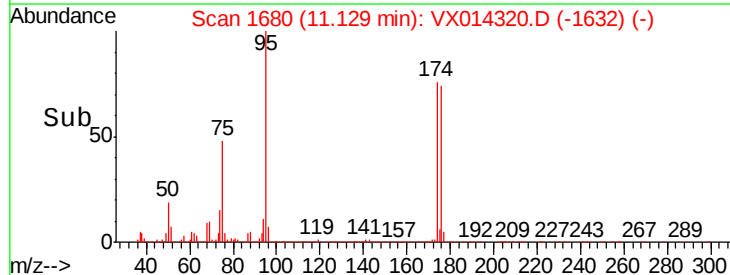
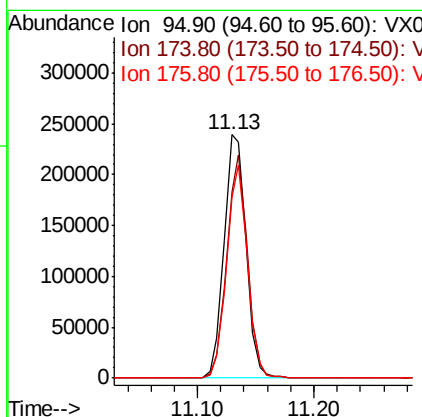
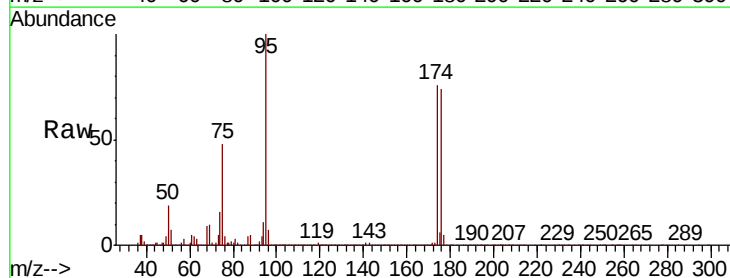
Instrument :
MSVOA_X
ClientSampleId :
OW-4

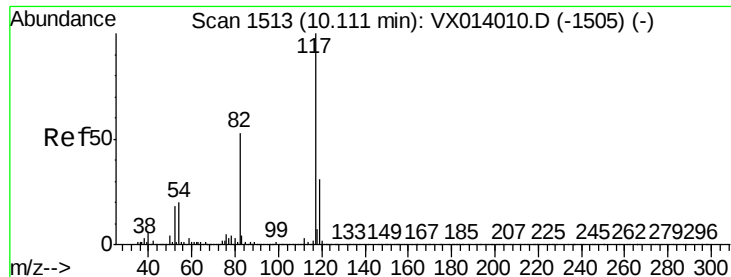
Tot Ion: 98 Resp: 918789
Ion Ratio Lower Upper
98 100
100 66.0 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.672 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014320.D
Acq: 27 Dec 2019 19:38

Tgt Ion: 95 Resp: 311586
Ion Ratio Lower Upper
95 100
174 86.7 0.0 175.8
176 83.0 0.0 173.0

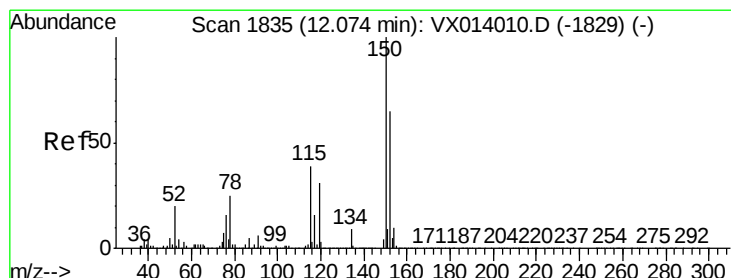
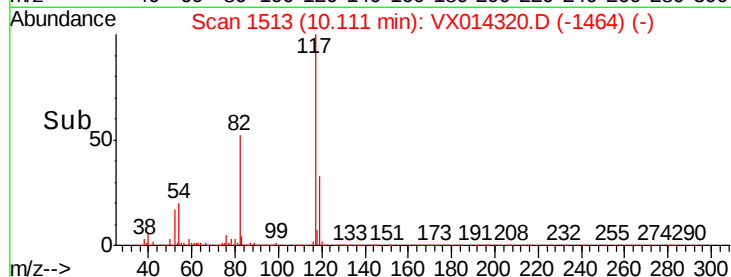
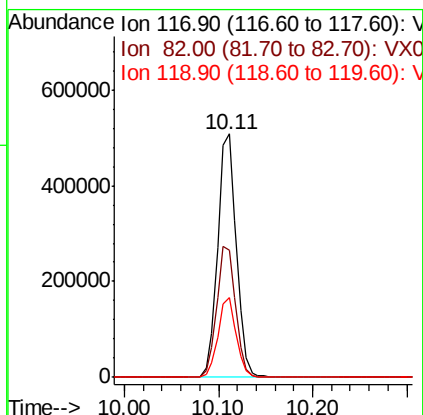
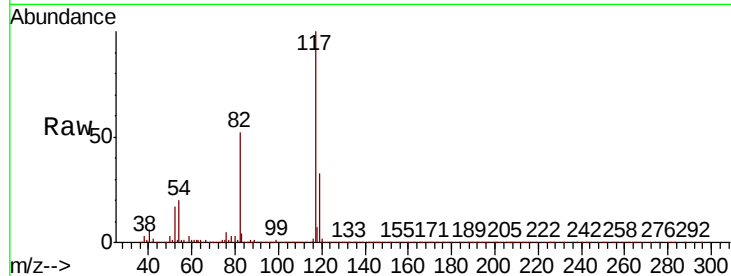




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014320.D
Acq: 27 Dec 2019 19:38

Instrument :
MSVOA_X
ClientSampleId :
OW-4

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.2	63.4
119	32.6	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014320.D
Acq: 27 Dec 2019 19:38

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	38.3	114.9
150	157.1	0.0	345.4

