

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013406.D
 Acq On : 03 Oct 2019 05:29
 Operator : SY/VA
 Sample : K5144-02
 Misc : 3.49G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOA-1

Quant Time: Oct 04 08:35:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	364179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	538249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	451749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	195428	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	146808	53.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.98%	
35) Dibromofluoromethane	7.88	113	149302	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
50) Toluene-d8	10.32	98	619611	52.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.74%	
62) 4-Bromofluorobenzene	12.62	95	189651	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	

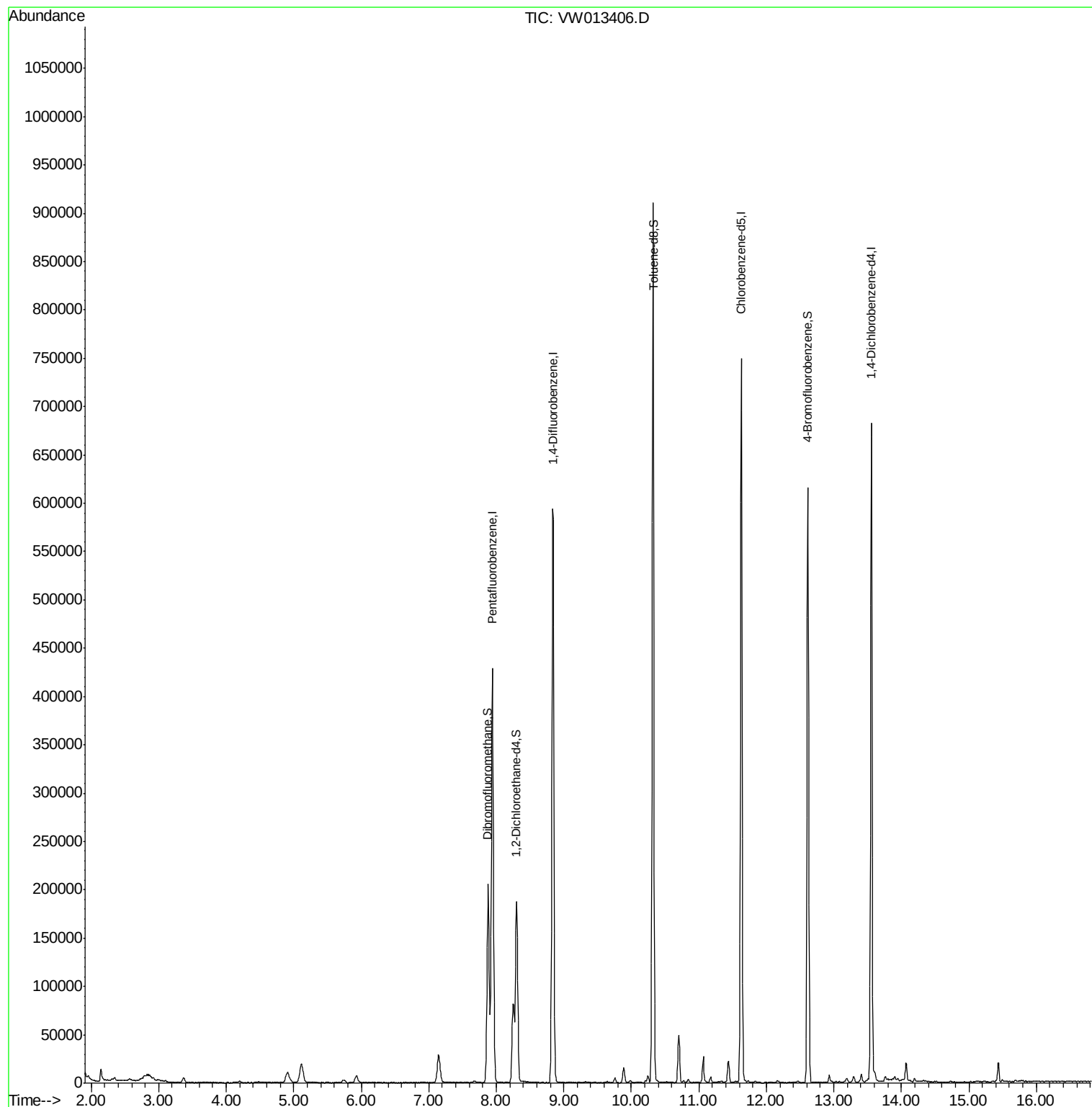
Target Compounds	Qvalue

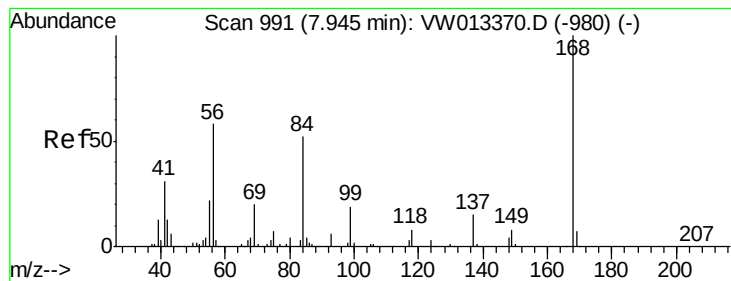
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW013406.D

Acq: 03 Oct 2019 05:29

Instrument :

MSVOA_W

ClientSampled :

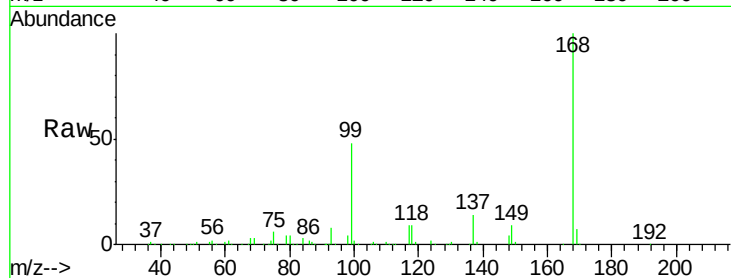
VOA-1

Tot Ion:168 Resp: 364179

Ion Ratio Lower Upper

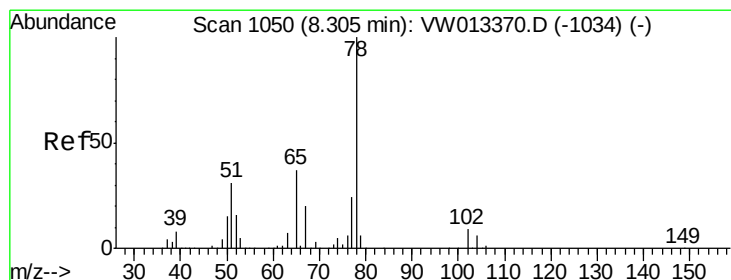
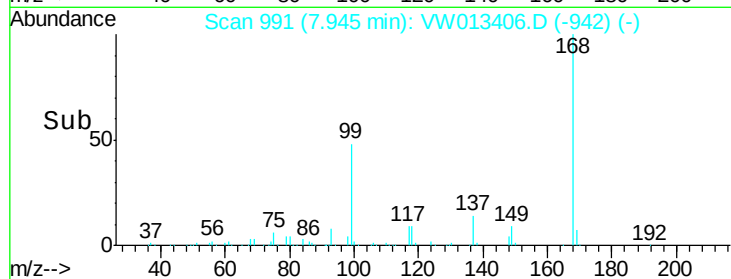
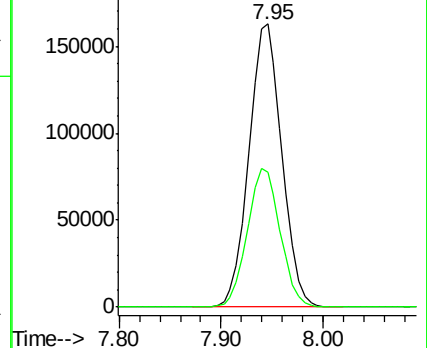
168 100

99 47.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 53.989 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013406.D

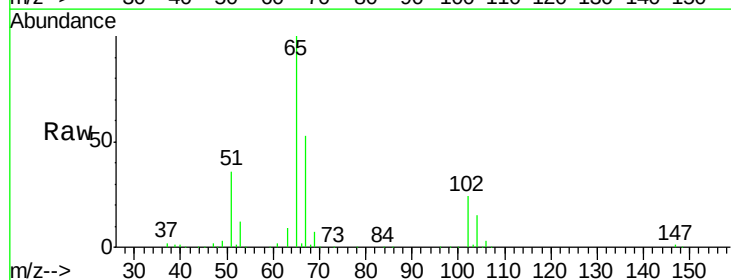
Acq: 03 Oct 2019 05:29

Tgt Ion: 65 Resp: 146808

Ion Ratio Lower Upper

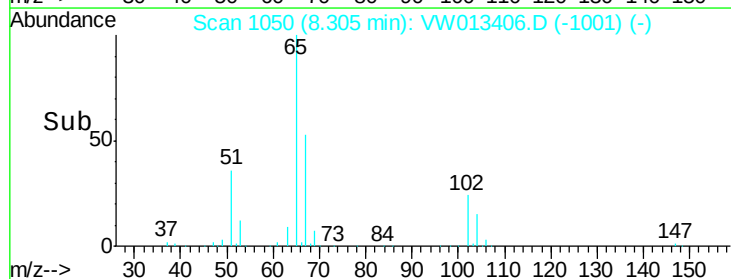
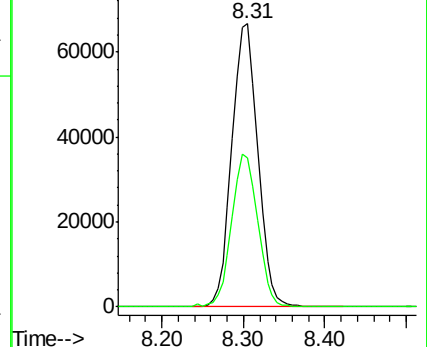
65 100

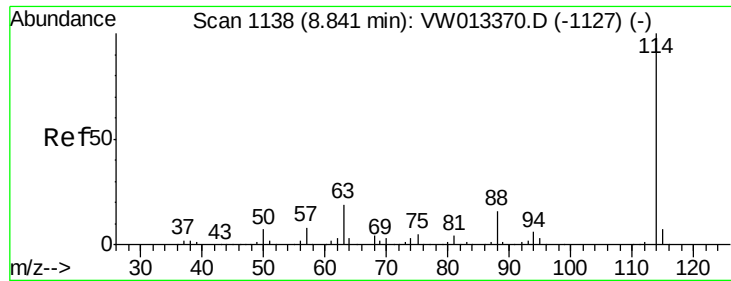
67 54.4 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

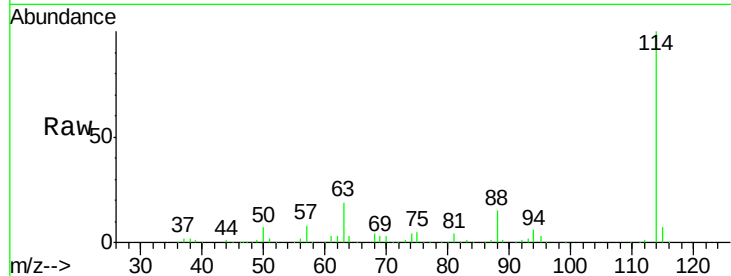




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013406.D
 Acq: 03 Oct 2019 05:29

Instrument :
 MSVOA_W
 ClientSampleId :
 VOA-1

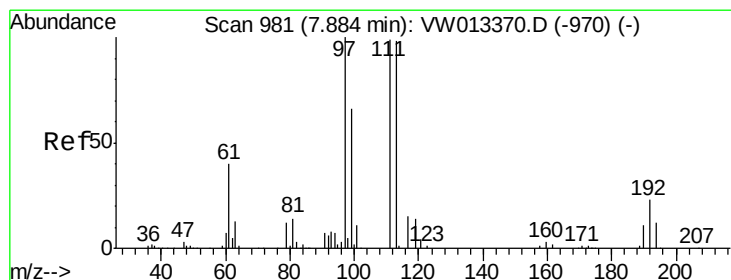
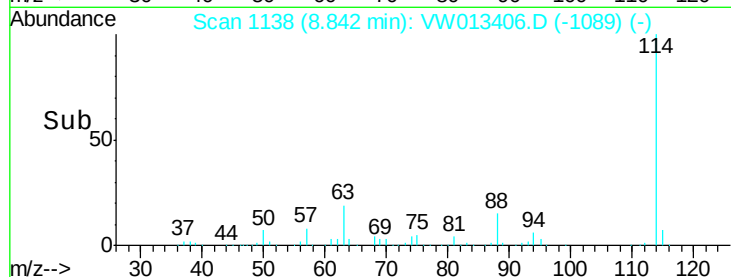
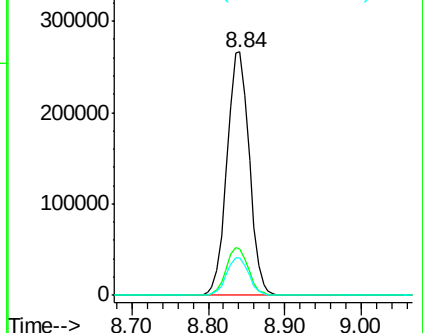
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.2	0.0	41.4
88	15.4	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

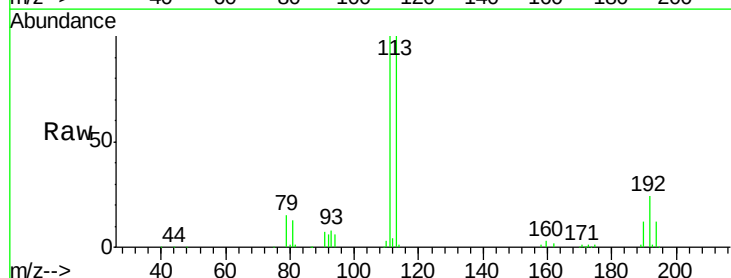
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 52.863 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW013406.D
 Acq: 03 Oct 2019 05:29

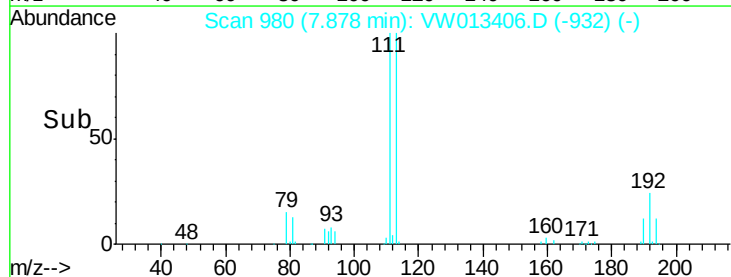
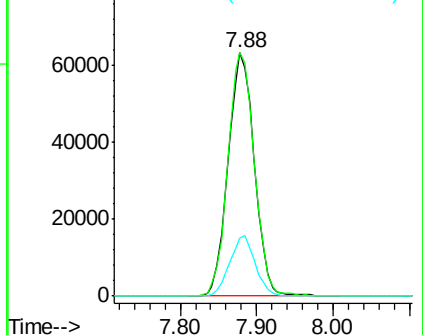
Tgt Ion	Ratio	Lower	Upper
113	100		
111	100.9	81.9	122.9
192	24.1	19.1	28.7

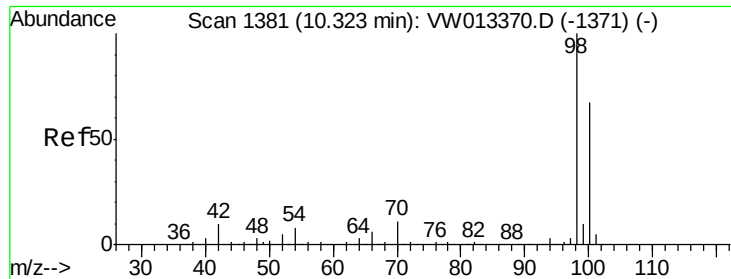


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

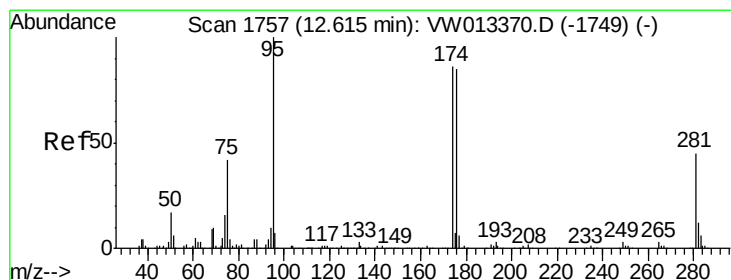
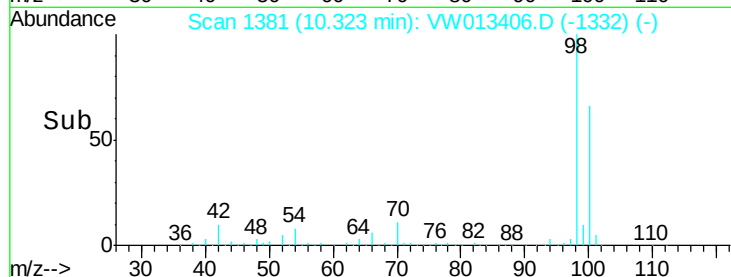
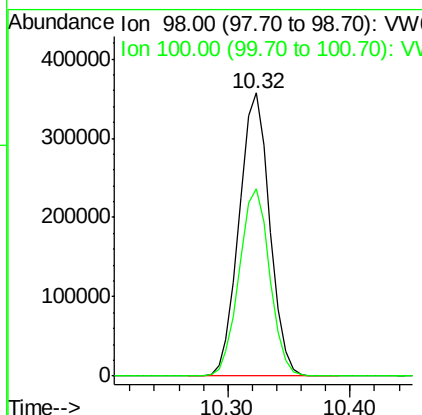
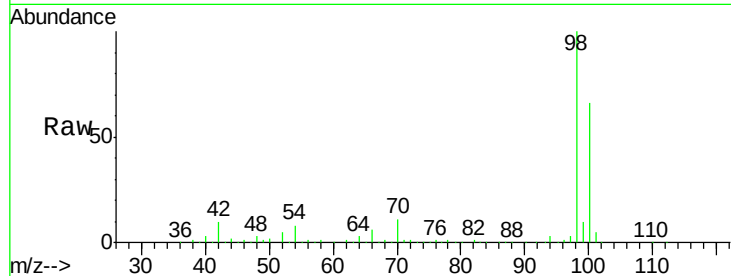




#50
Toluene-d8
Concen: 52.866 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013406.D
Acq: 03 Oct 2019 05:29

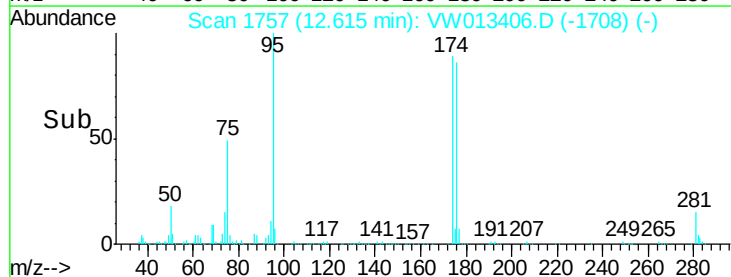
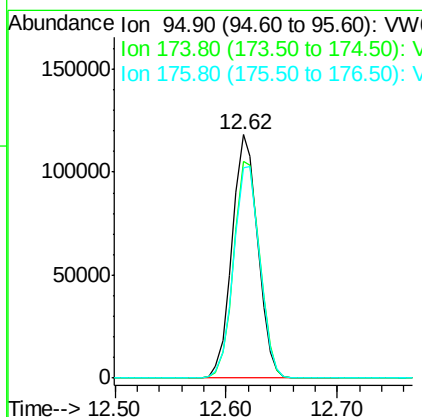
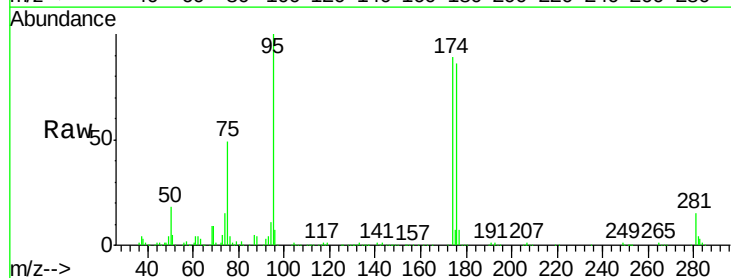
Instrument :
MSVOA_W
ClientSampled :
VOA-1

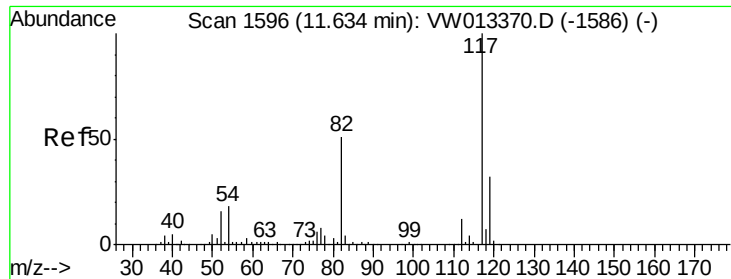
Tot Ion: 98 Resp: 619611
Ion Ratio Lower Upper
98 100
100 66.1 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 48.456 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013406.D
Acq: 03 Oct 2019 05:29

Tgt Ion: 95 Resp: 189651
Ion Ratio Lower Upper
95 100
174 90.3 0.0 178.4
176 88.7 0.0 172.2

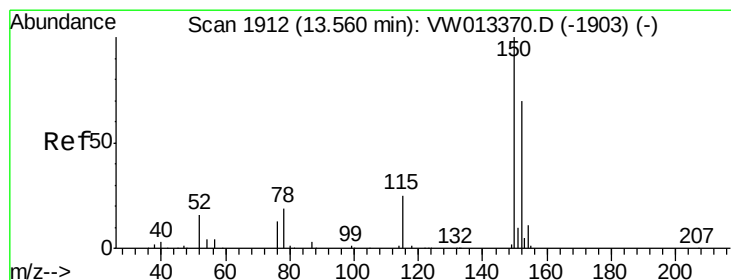
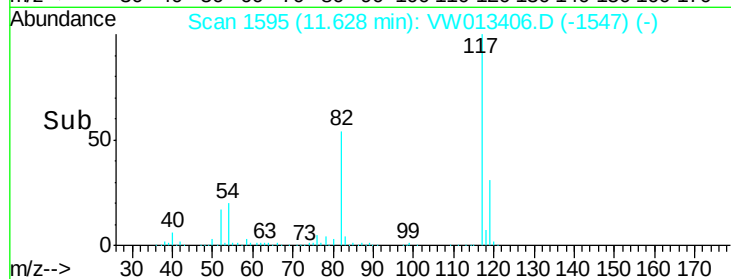
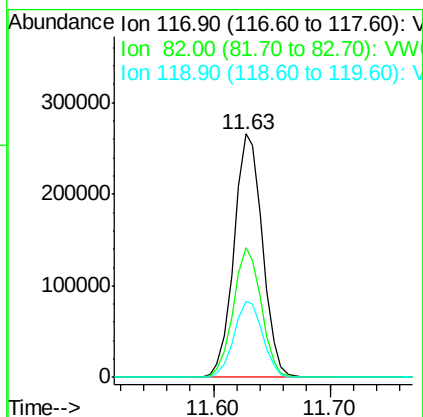
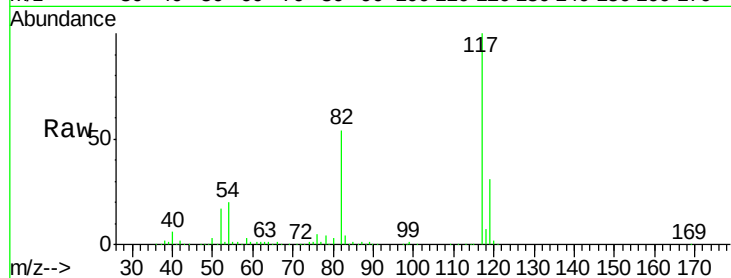




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013406.D
Acq: 03 Oct 2019 05:29

Instrument :
MSVOA_W
ClientSampleId :
VOA-1

Tot Ion:117 Resp: 451749
Ion Ratio Lower Upper
117 100
82 53.5 45.9 68.9
119 31.4 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013406.D
Acq: 03 Oct 2019 05:29

Tgt Ion:152 Resp: 195428
Ion Ratio Lower Upper
152 100
115 54.8 27.3 81.9
150 155.5 0.0 349.0

