

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013329.D
 Acq On : 30 Sep 2019 13:35
 Operator : SY/VA
 Sample : K4668-16
 Misc : 8.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-092619

Quant Time: Sep 30 18:01:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

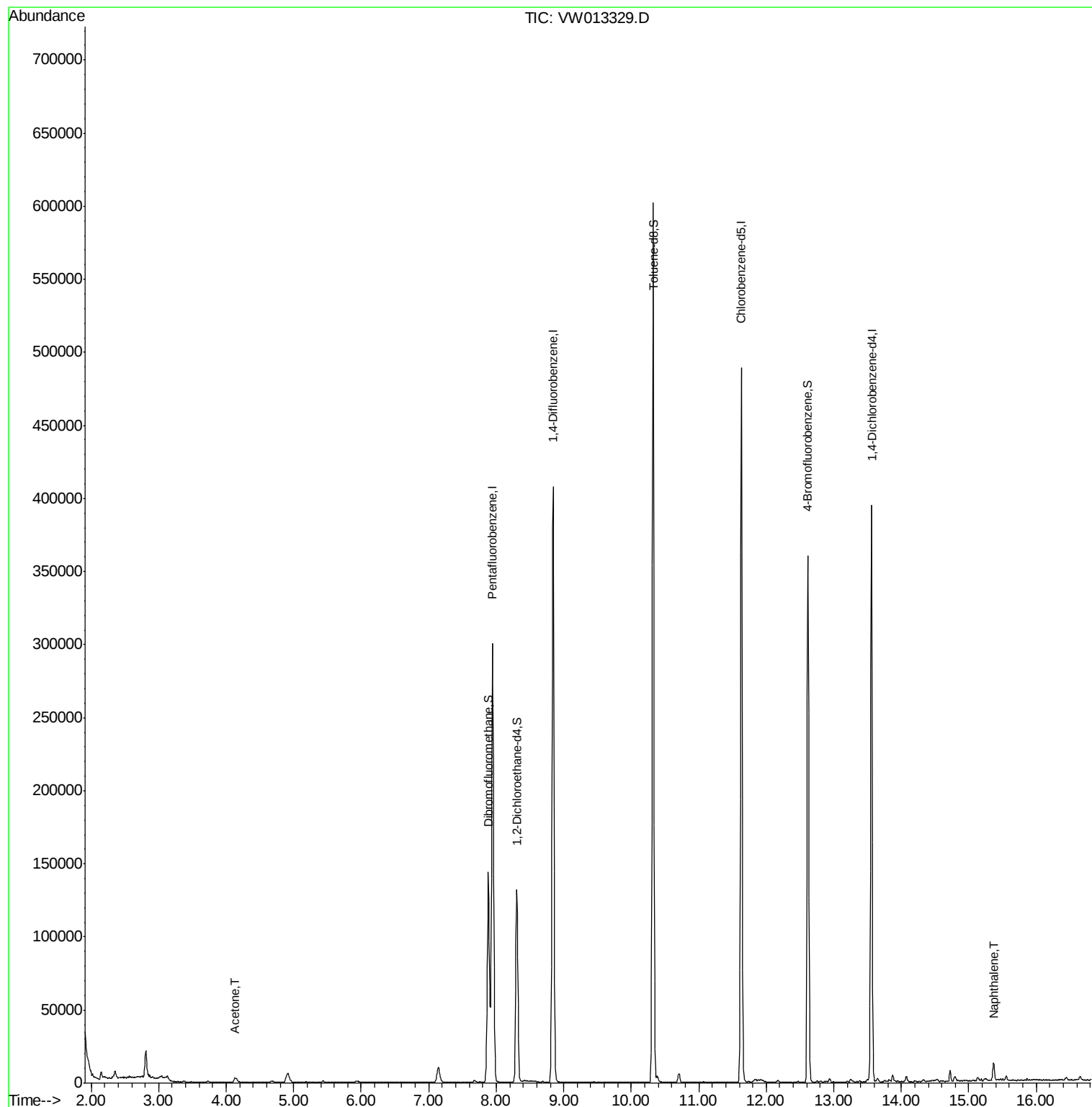
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250557	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360506	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117120	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102000	49.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.76%	
35) Dibromofluoromethane	7.88	113	103645	52.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.54%	
50) Toluene-d8	10.32	98	408566	49.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.62	95	121382	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
Target Compounds						
16) Acetone	4.14	43	6729	14.592	ug/l #	83
95) Naphthalene	15.36	128	10147	2.536	ug/l	97

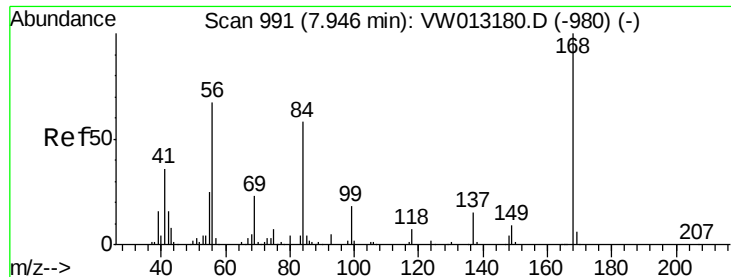
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
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: VW013329.D

Acq: 30 Sep 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

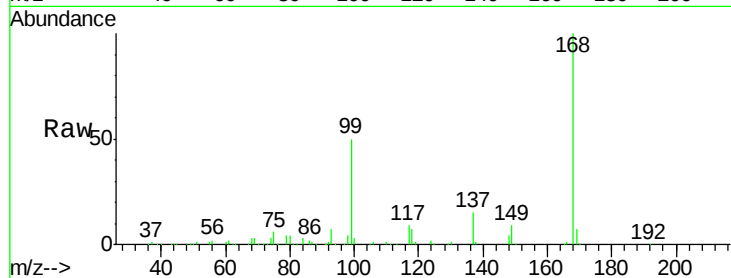
SU-04-092619

Tot Ion:168 Resp: 250557

Ion Ratio Lower Upper

168 100

99 49.7 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

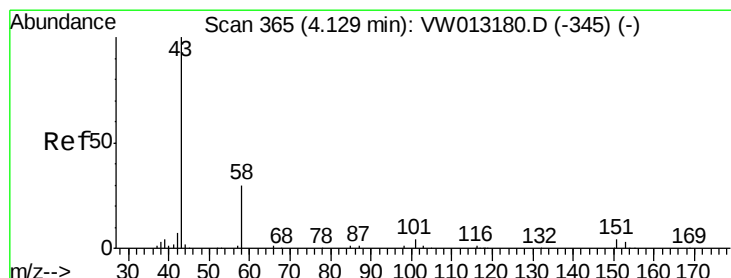
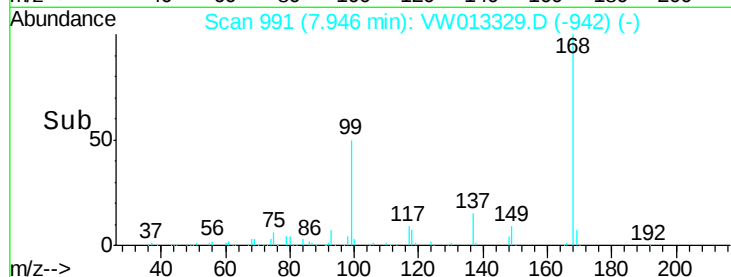
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 14.592 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013329.D

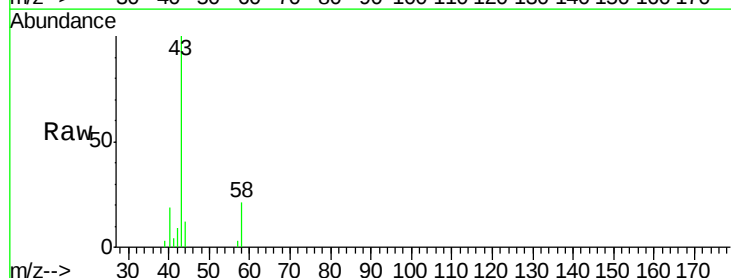
Acq: 30 Sep 2019 13:35

Tgt Ion: 43 Resp: 6729

Ion Ratio Lower Upper

43 100

58 20.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

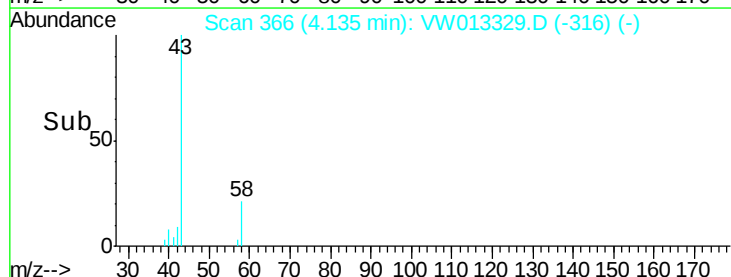
1500

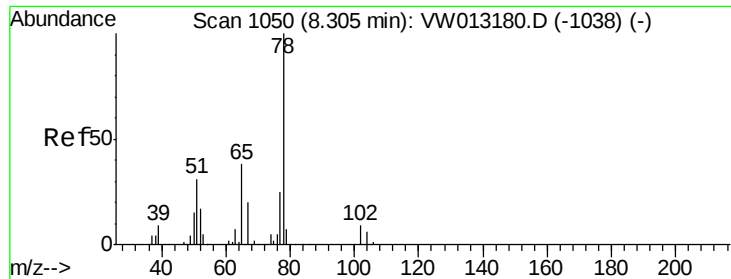
1000

500

0

Time-->

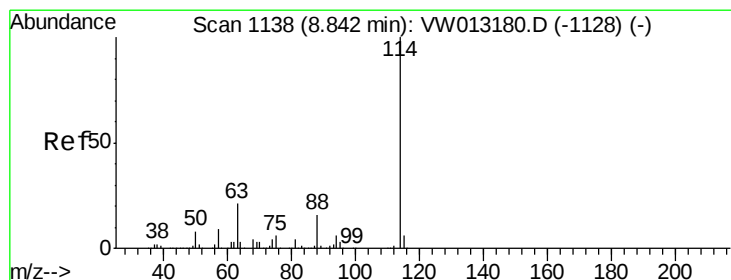
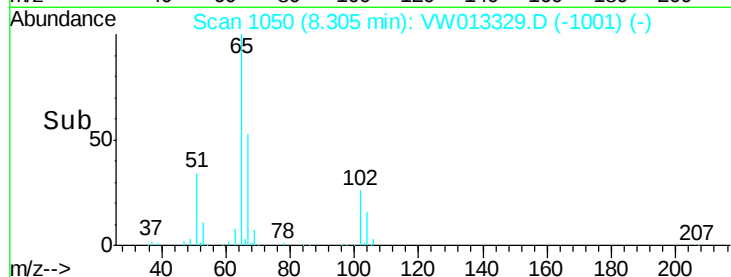
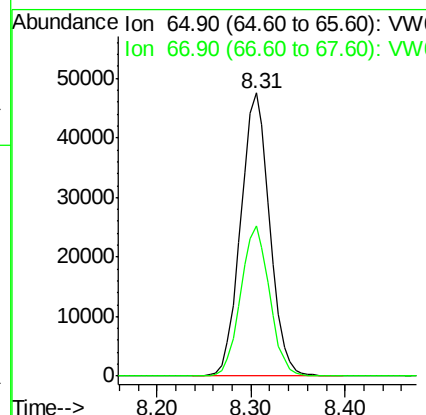
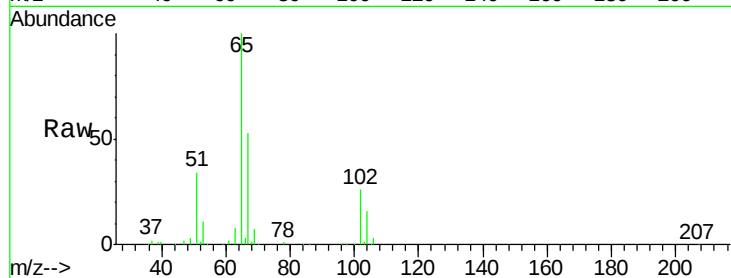




#33
 1,2-Dichloroethane-d4
 Concen: 49.880 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013329.D
 Acq: 30 Sep 2019 13:35

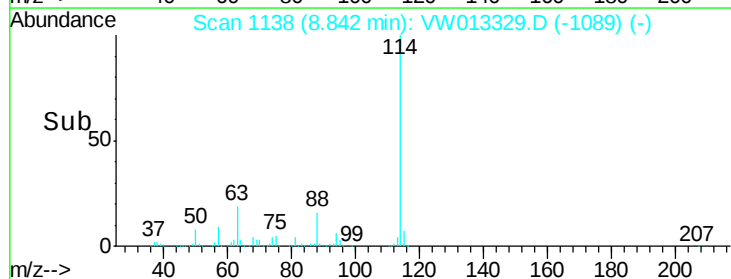
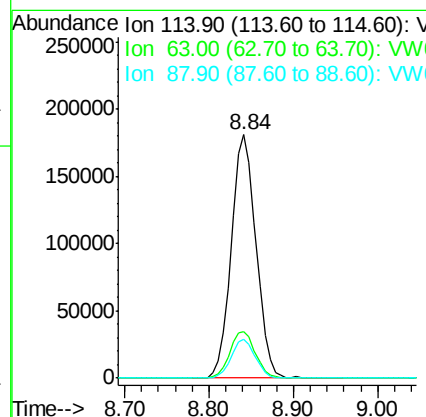
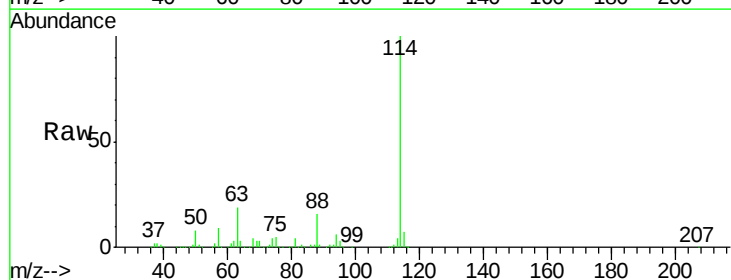
Instrument :
 MSVOA_W
 ClientSampleId :
 SU-04-092619

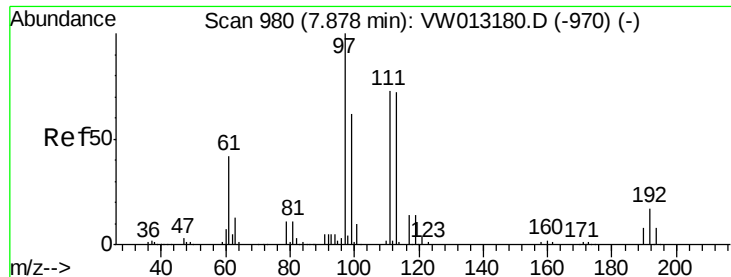
Tot Ion: 65 Resp: 102000
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013329.D
 Acq: 30 Sep 2019 13:35

Tgt Ion: 114 Resp: 360506
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 41.4
 88 15.8 0.0 32.0

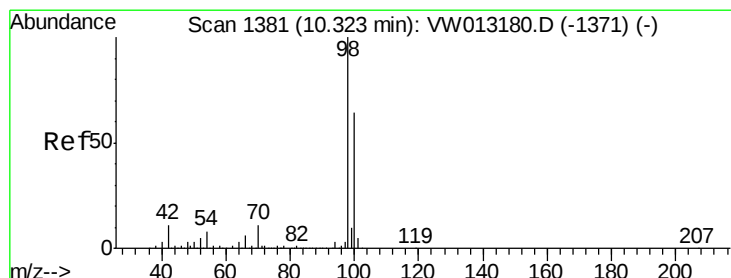
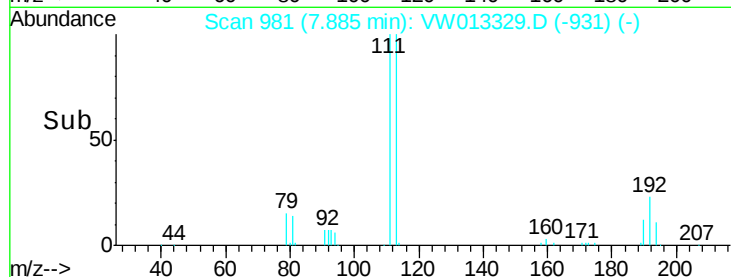
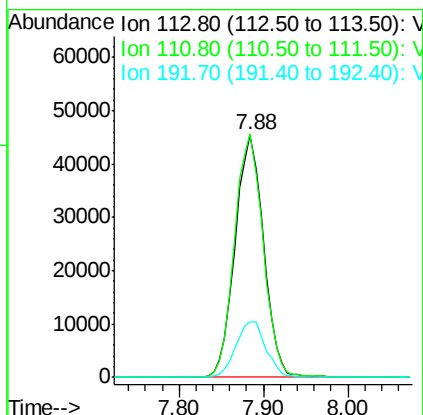
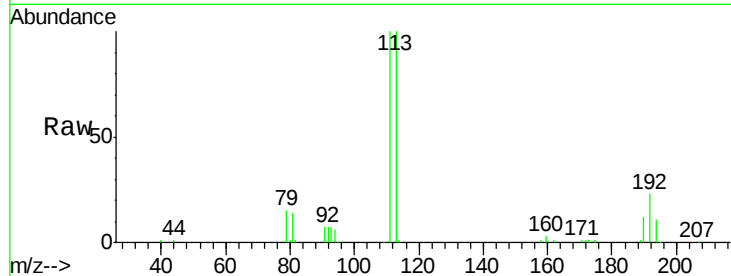




#35
Dibromofluoromethane
Concen: 52.272 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013329.D
Acq: 30 Sep 2019 13:35

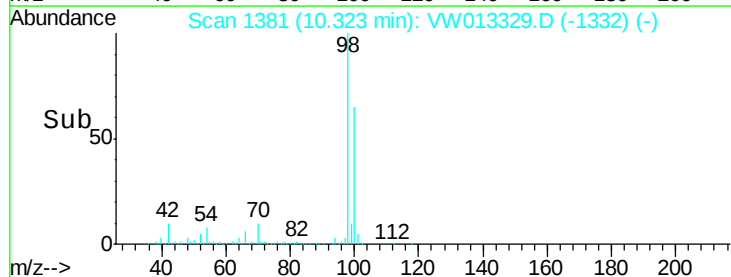
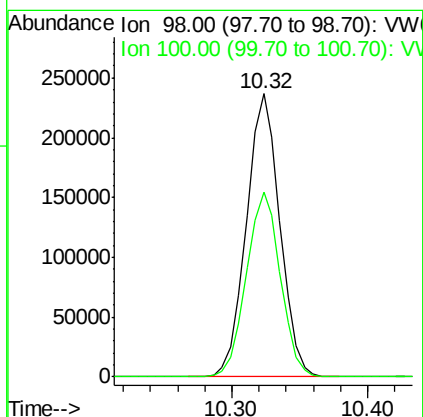
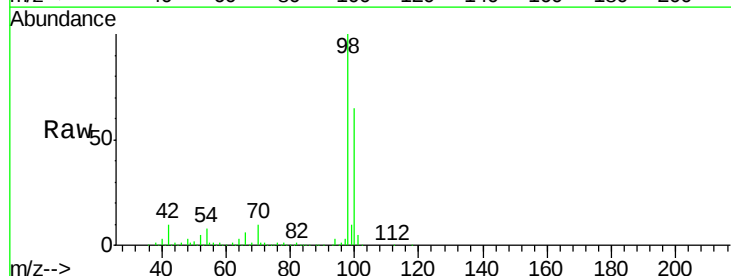
Instrument :
MSVOA_W
ClientSampleId :
SU-04-092619

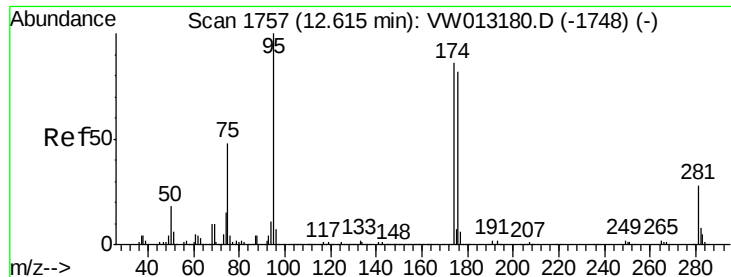
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.9	122.9
192	24.1	19.1	28.7



#50
Toluene-d8
Concen: 49.236 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013329.D
Acq: 30 Sep 2019 13:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	52.9	79.3

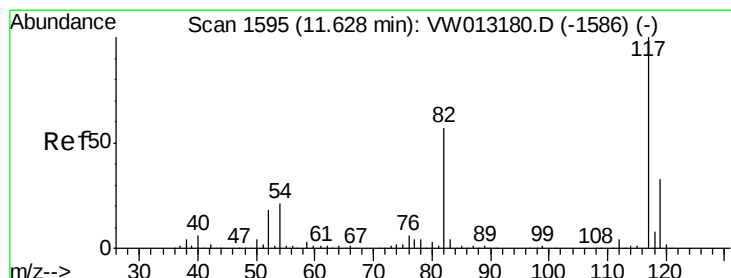
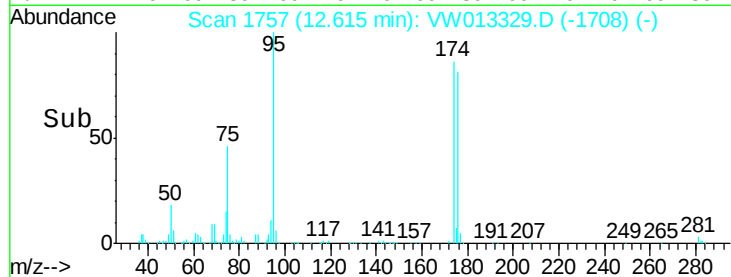
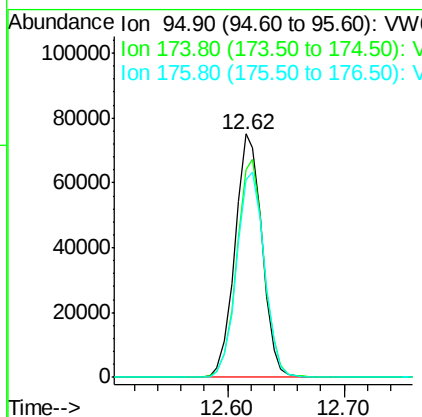
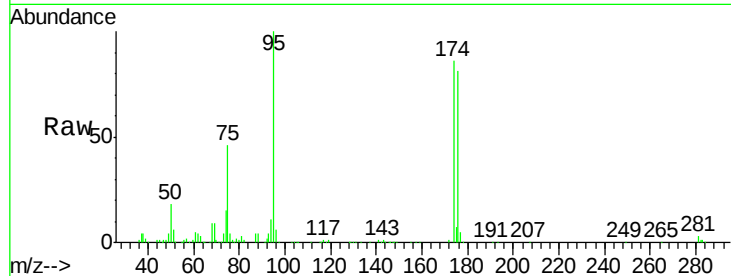




#62
4-Bromofluorobenzene
Concen: 42.822 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013329.D
Acq: 30 Sep 2019 13:35

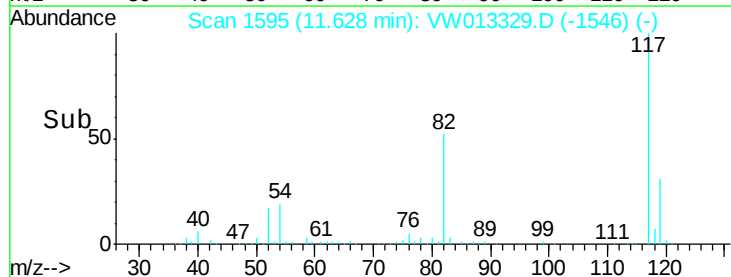
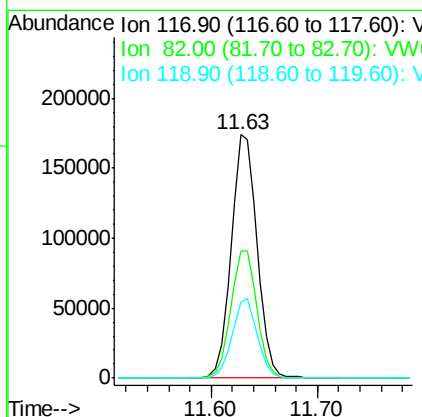
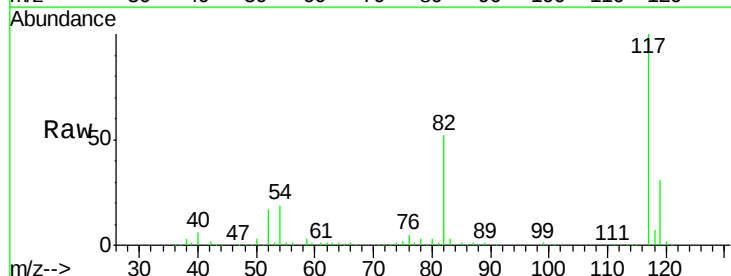
Instrument :
MSVOA_W
ClientSampleId :
SU-04-092619

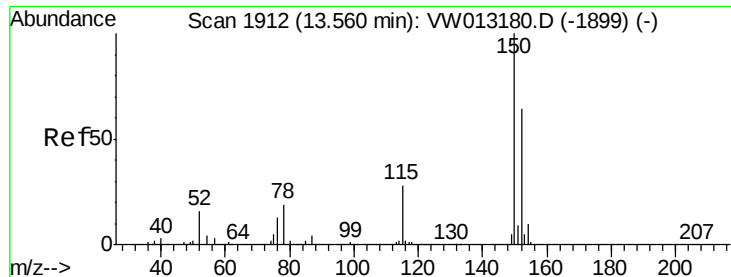
Tot Ion: 95 Resp: 121382
Ion Ratio Lower Upper
95 100
174 90.0 0.0 178.4
176 86.7 0.0 172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013329.D
Acq: 30 Sep 2019 13:35

Tgt Ion: 117 Resp: 295196
Ion Ratio Lower Upper
117 100
82 52.1 45.9 68.9
119 31.2 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: VW013329.D

Acq: 30 Sep 2019 13:35

Instrument :

MSVOA_W

ClientSampleId :

SU-04-092619

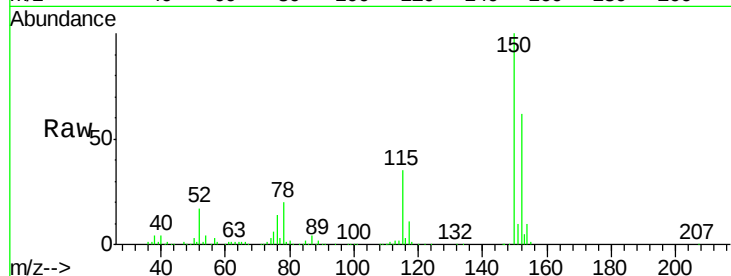
Tot Ion:152 Resp: 117120

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

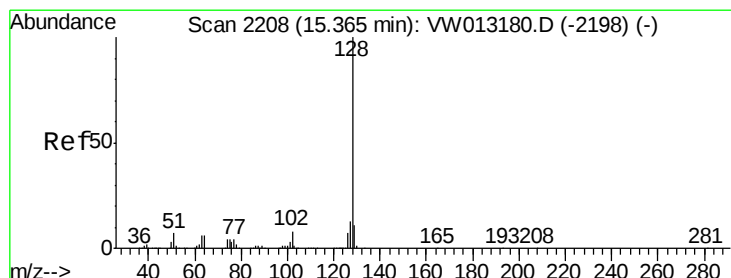
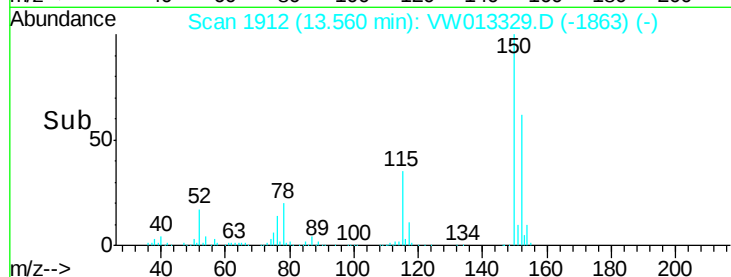
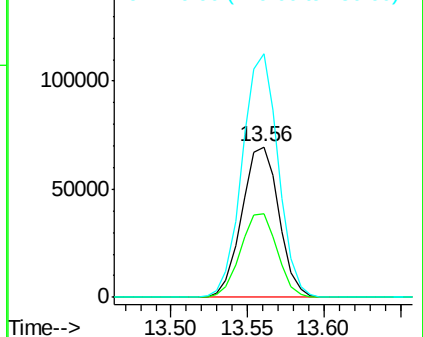
150 157.1 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 2.536 ug/l

RT: 15.36 min Scan# 2208

Delta R.T. -0.00 min

Lab File: VW013329.D

Acq: 30 Sep 2019 13:35

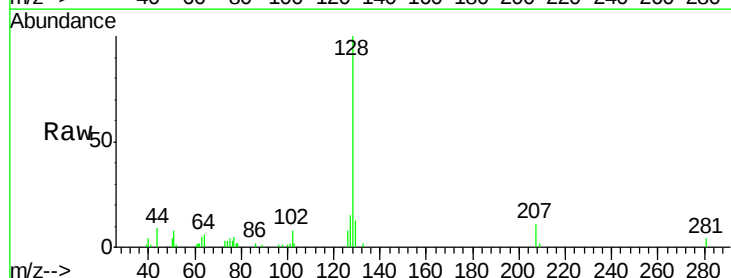
Tgt Ion:128 Resp: 10147

Ion Ratio Lower Upper

128 100

127 14.4 10.6 15.8

129 12.2 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

