

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012667.D
 Acq On : 06 Sep 2019 03:30
 Operator : SY/VA
 Sample : K4579-12
 Misc : 1.26G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B4-(0)

Quant Time: Sep 06 08:44:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

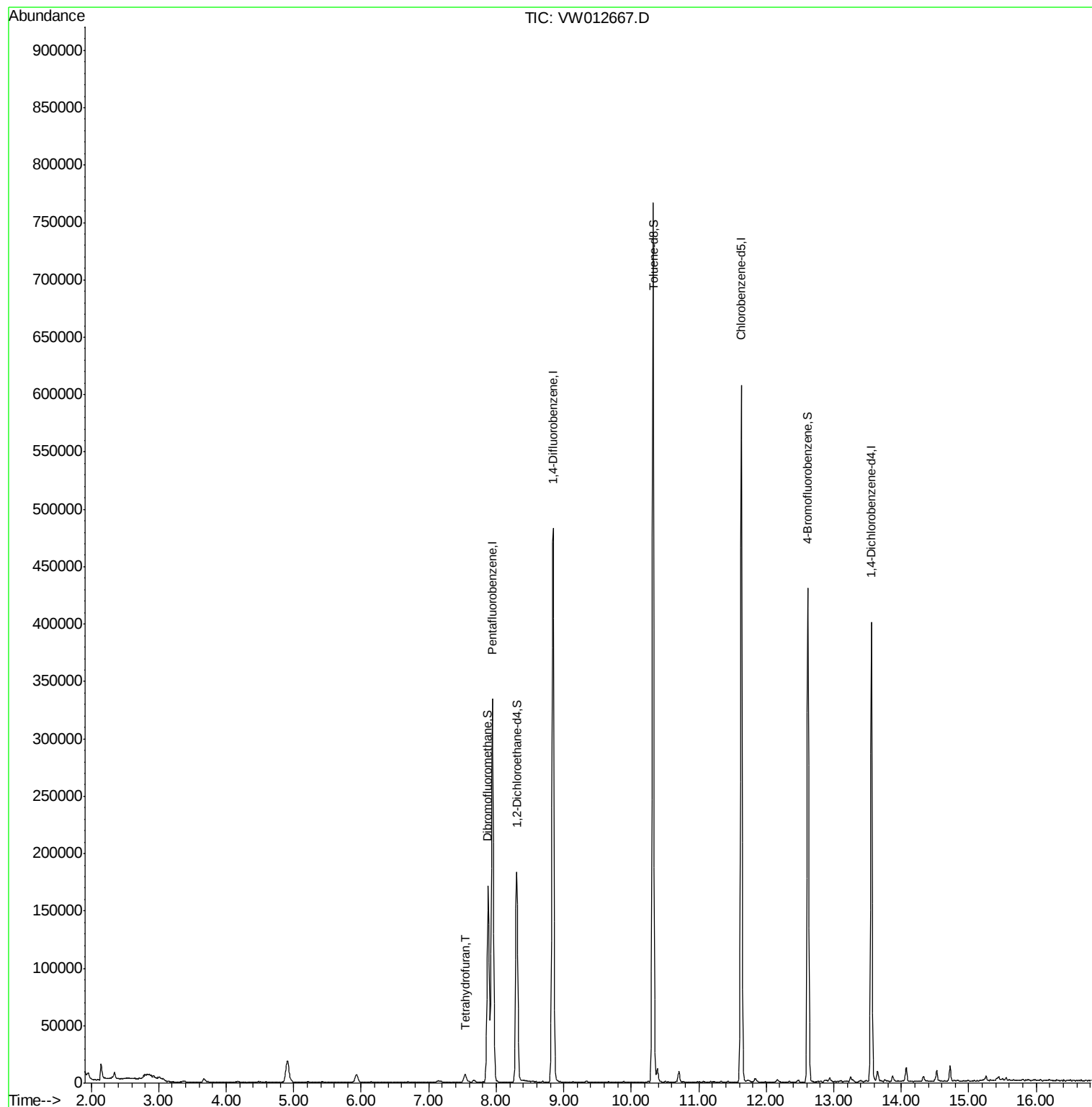
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	247708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	392024	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	104903	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	156318	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
35) Dibromofluoromethane	7.88	113	119835	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	10.32	98	475270	50.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.62	95	133284	39.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.70%	
Target Compounds						
29) Tetrahydrofuran	7.53	42	6337	10.326	ug/l	Qvalue 94

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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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: VW012667.D

Acq: 06 Sep 2019 03:30

Instrument :

MSVOA_W

ClientSampleId :

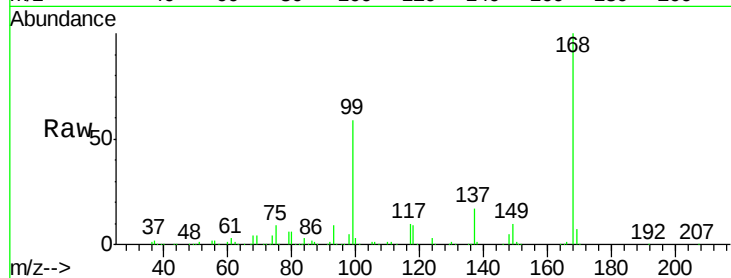
PAR-12-B4-(0)

Tot Ion:168 Resp: 247708

Ion Ratio Lower Upper

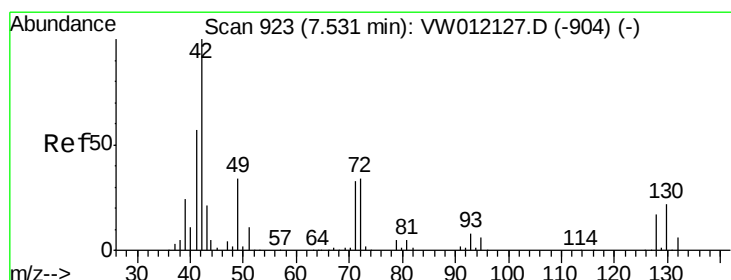
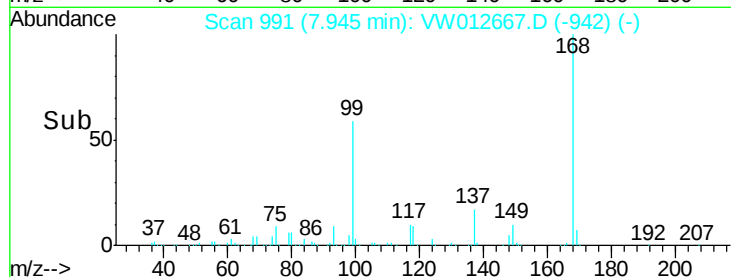
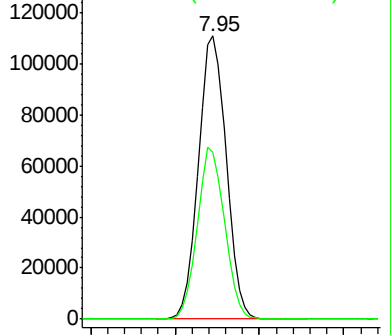
168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#29

Tetrahydrofuran

Concen: 10.326 ug/l

RT: 7.53 min Scan# 923

Delta R.T. -0.00 min

Lab File: VW012667.D

Acq: 06 Sep 2019 03:30

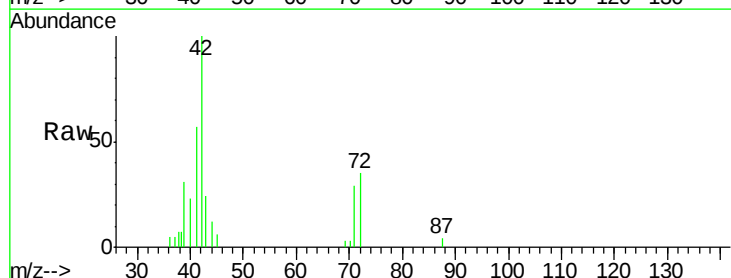
Tgt Ion: 42 Resp: 6337

Ion Ratio Lower Upper

42 100

72 34.7 27.3 40.9

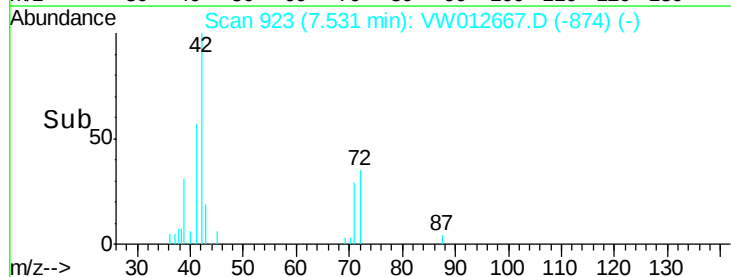
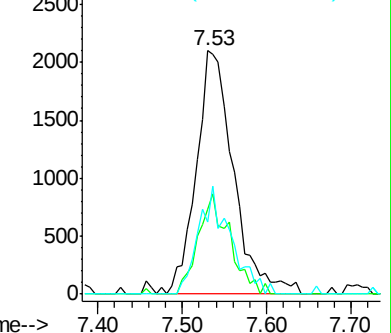
71 37.9 25.5 38.3

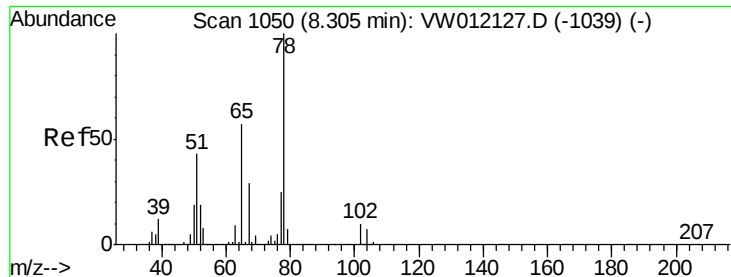


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW





#33

1,2-Dichloroethane-d4

Concen: 53.086 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012667.D

Acq: 06 Sep 2019 03:30

Instrument :

MSVOA_W

ClientSampleId :

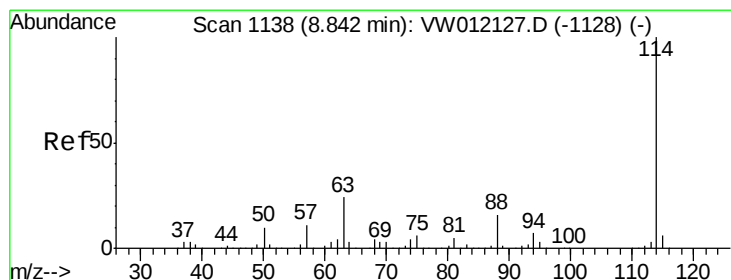
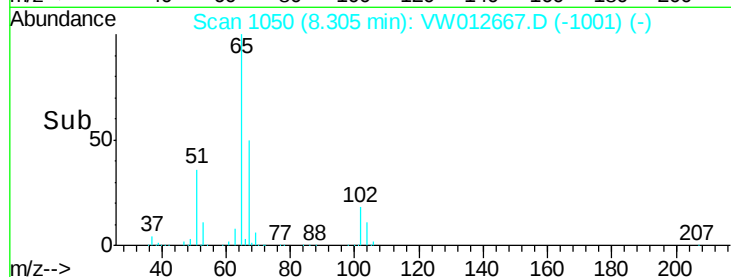
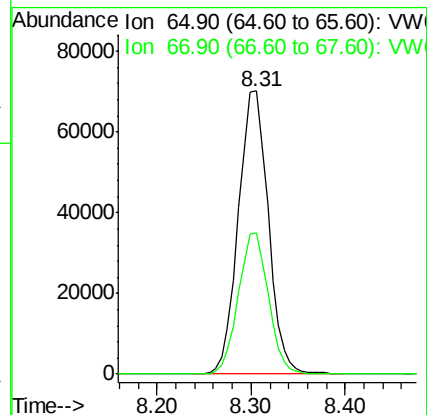
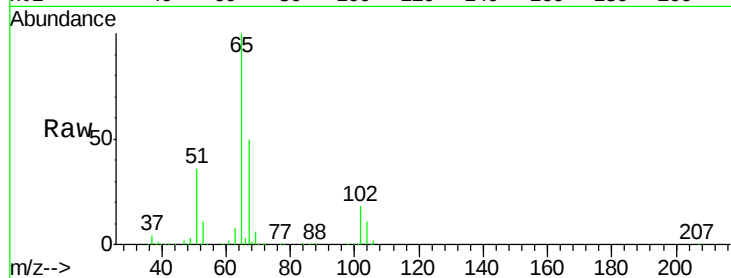
PAR-12-B4-(0)

Tot Ion: 65 Resp: 156318

Ion Ratio Lower Upper

65 100

67 50.3 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012667.D

Acq: 06 Sep 2019 03:30

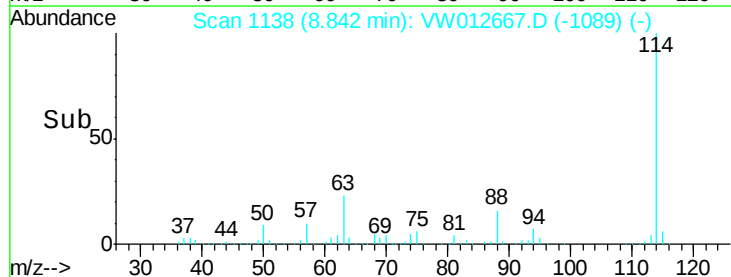
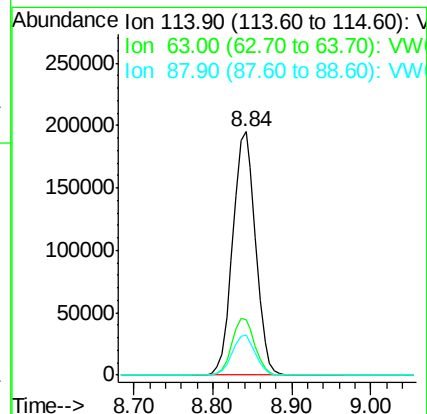
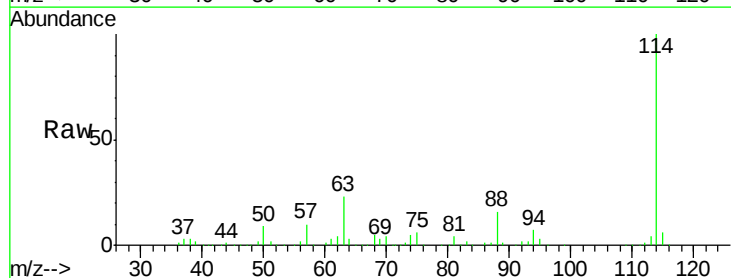
Tgt Ion: 114 Resp: 392024

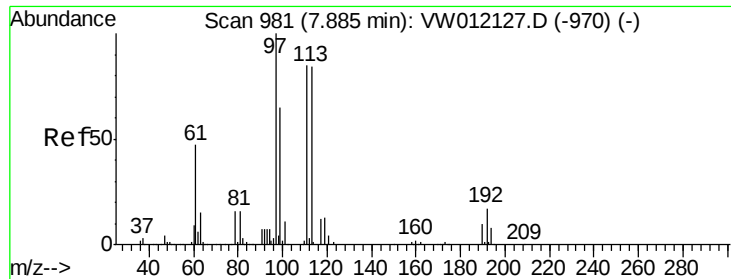
Ion Ratio Lower Upper

114 100

63 23.0 0.0 48.6

88 16.5 0.0 32.2

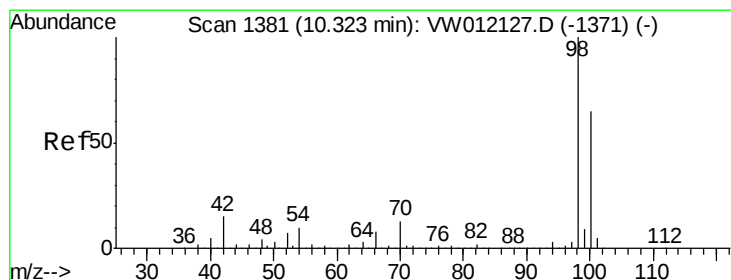
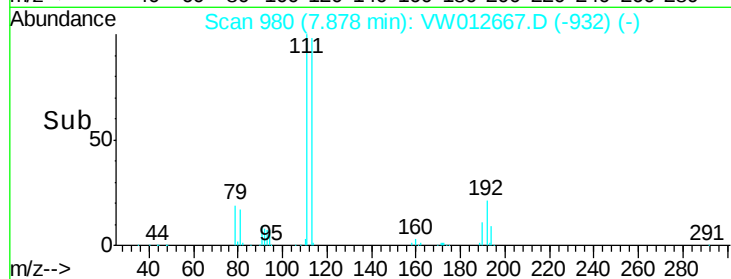
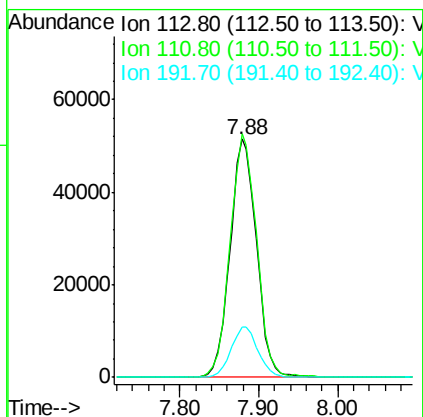
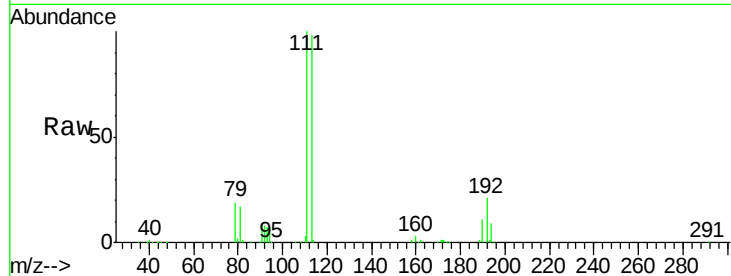




#35
 Dibromofluoromethane
 Concen: 51.211 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012667.D
 Acq: 06 Sep 2019 03:30

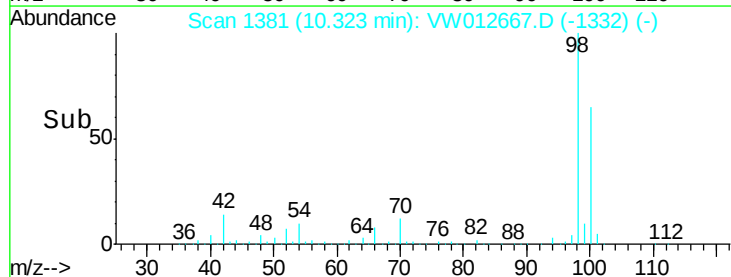
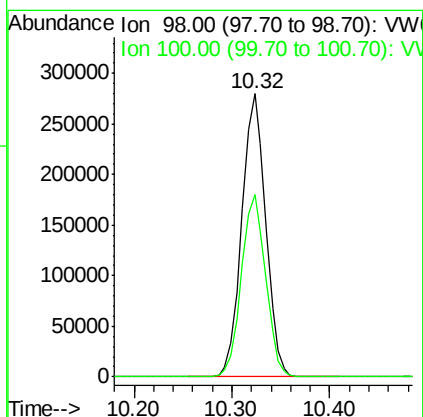
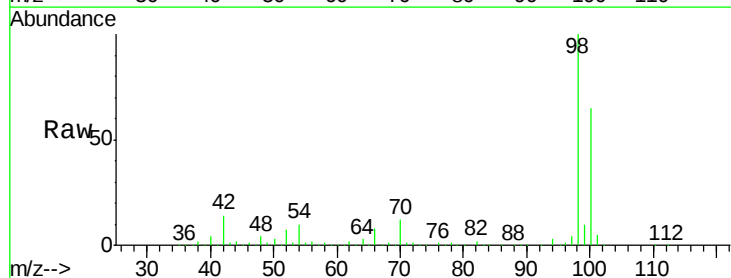
Instrument :
 MSVOA_W
 ClientSampleId :
 PAR-12-B4-(0)

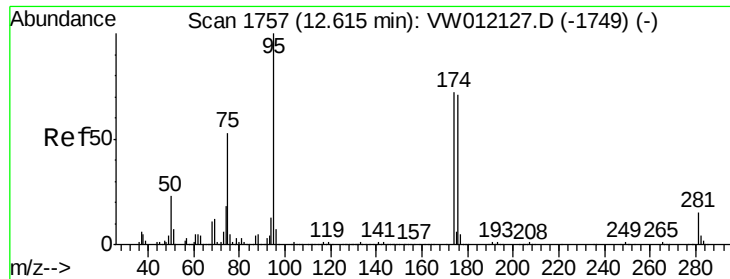
Tot Ion:113 Resp: 119835
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.7 124.1
 192 21.6 16.2 24.2



#50
 Toluene-d8
 Concen: 50.092 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012667.D
 Acq: 06 Sep 2019 03:30

Tgt Ion: 98 Resp: 475270
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.4 78.6

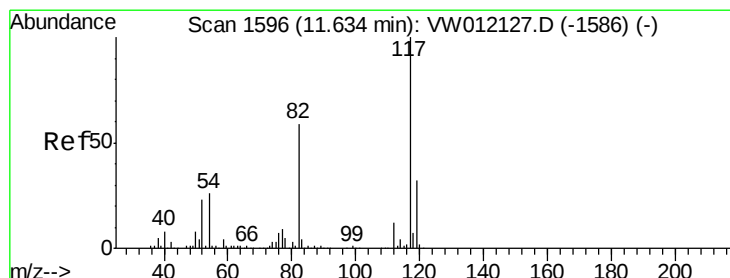
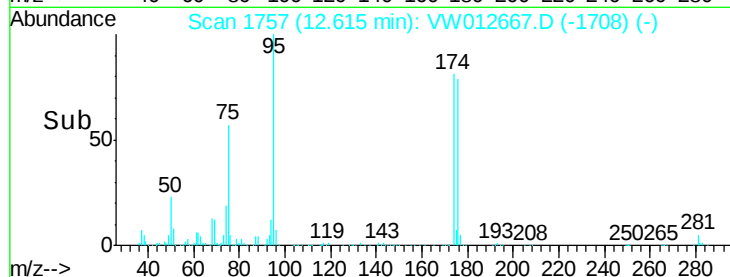
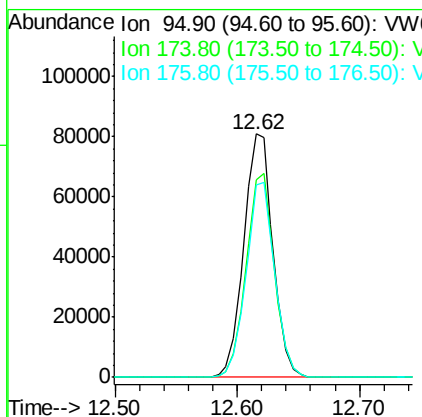
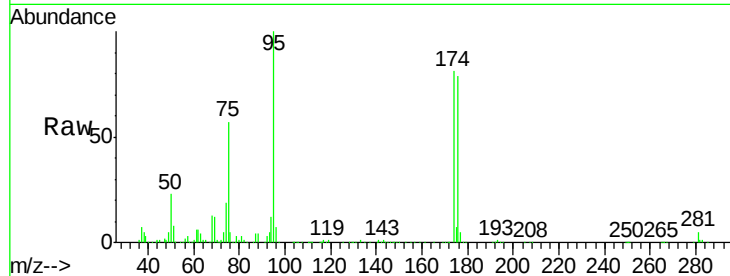




#62
4-Bromofluorobenzene
Concen: 39.851 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012667.D
Acq: 06 Sep 2019 03:30

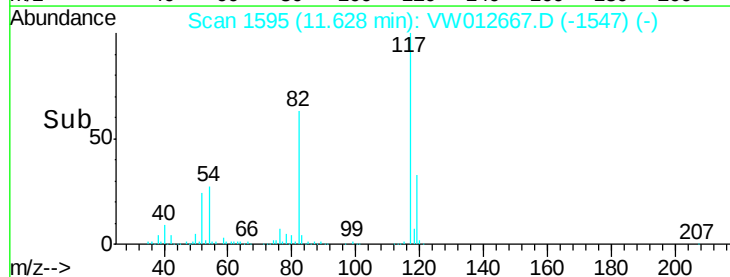
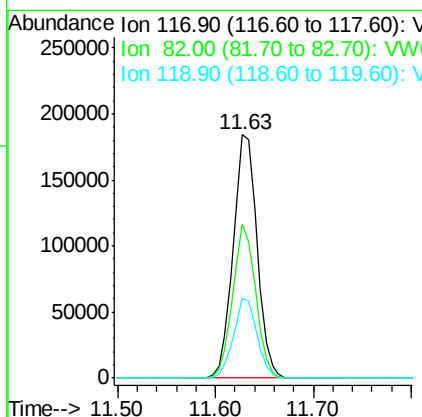
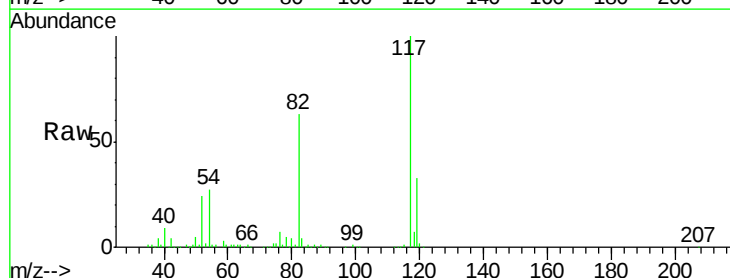
Instrument :
MSVOA_W
ClientSampleId :
PAR-12-B4-(0)

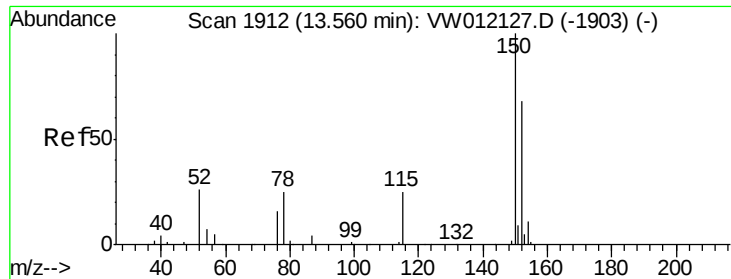
Tot Ion: 95 Resp: 133284
Ion Ratio Lower Upper
95 100
174 81.5 0.0 150.8
176 79.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012667.D
Acq: 06 Sep 2019 03:30

Tgt Ion: 117 Resp: 313137
Ion Ratio Lower Upper
117 100
82 63.3 47.4 71.2
119 32.6 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012667.D

Acq: 06 Sep 2019 03:30

Instrument :

MSVOA_W

ClientSampleId :

PAR-12-B4-(0)

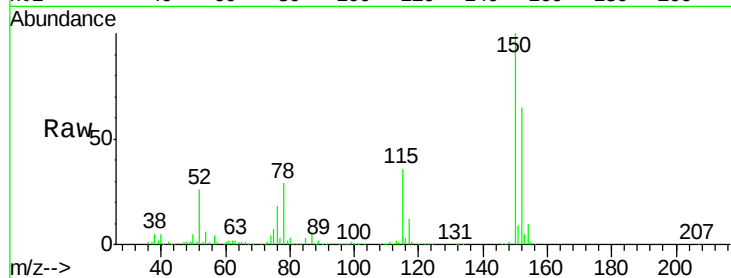
Tot Ion:152 Resp: 104903

Ion Ratio Lower Upper

152 100

115 58.8 30.1 90.3

150 156.1 0.0 345.8



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

