

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012658.D
 Acq On : 05 Sep 2019 23:12
 Operator : SY/VA
 Sample : VW0905SBL02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0905SBL02

Quant Time: Sep 06 08:32:35 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	239173	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	378998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310052	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	151078	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
35) Dibromofluoromethane	7.88	113	115601	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.32	98	461181	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	140062	43.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.64%	

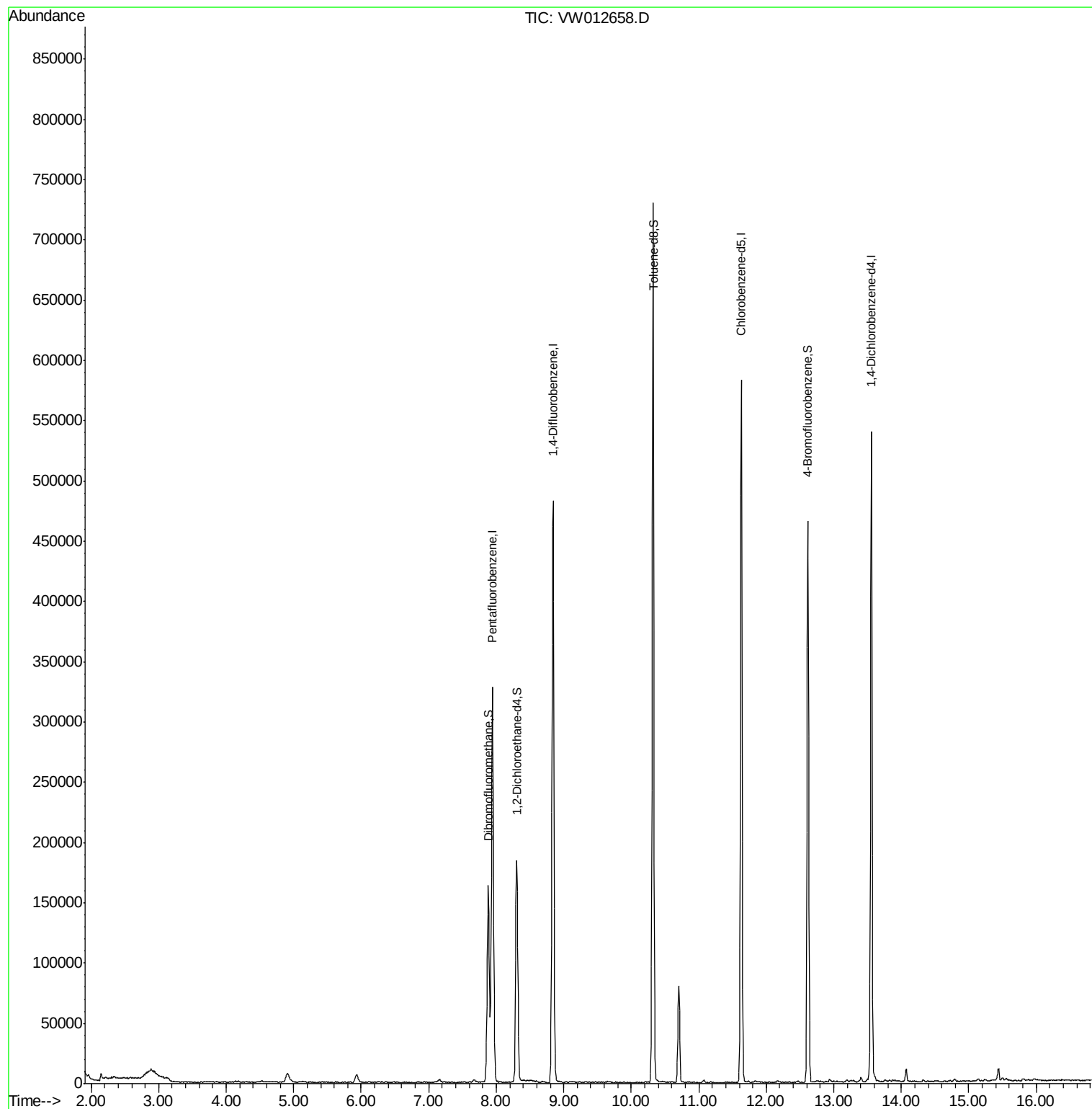
Target Compounds	Qvalue

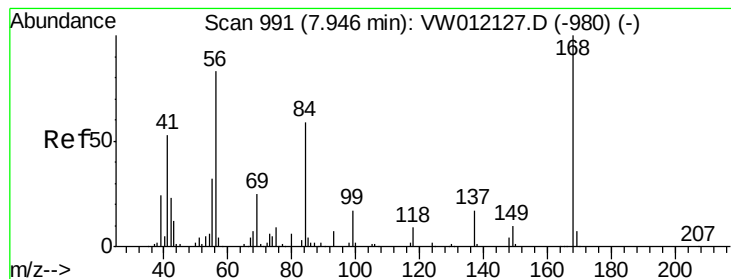
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012658.D

Acq: 05 Sep 2019 23:12

Instrument :

MSVOA_W

ClientSampleId :

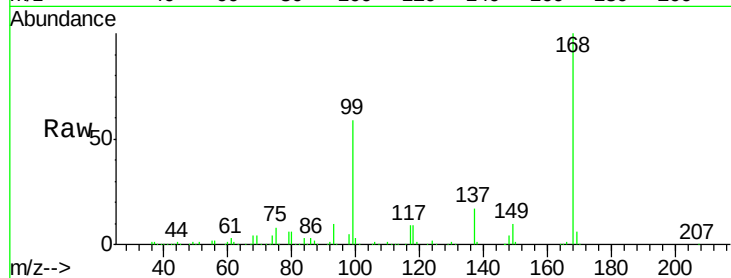
VW0905SBL02

Tot Ion:168 Resp: 239173

Ion Ratio Lower Upper

168 100

99 58.8 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

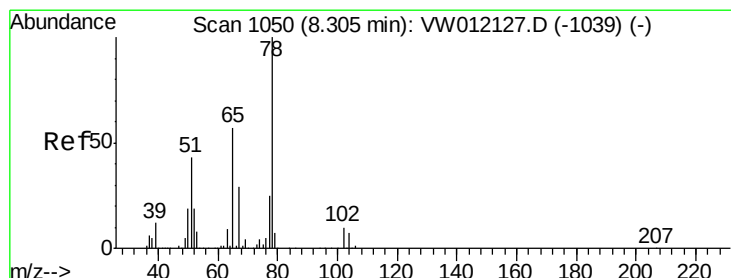
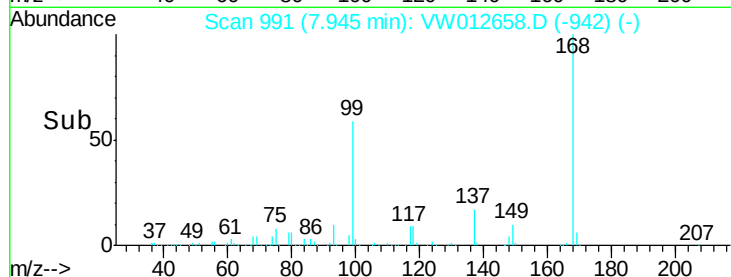
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 53.137 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012658.D

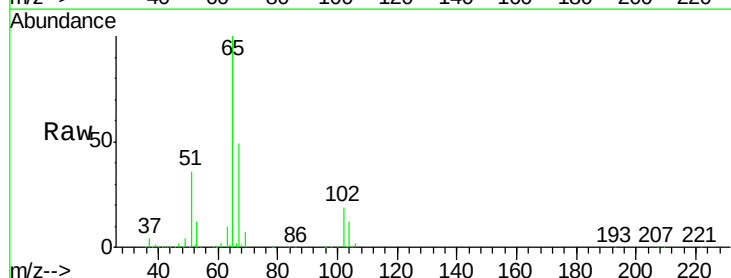
Acq: 05 Sep 2019 23:12

Tgt Ion: 65 Resp: 151078

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

80000

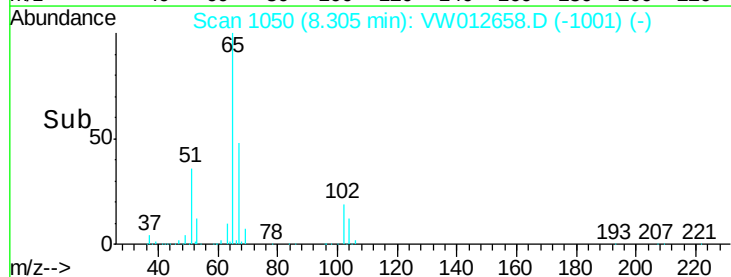
60000

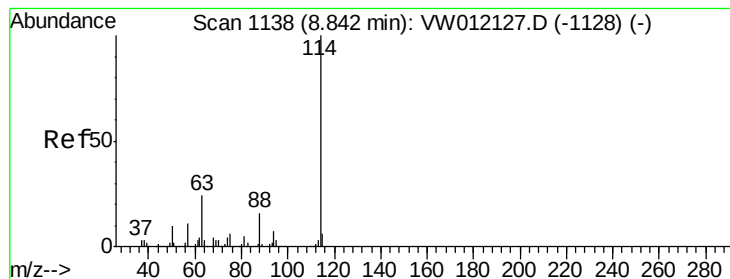
40000

20000

0

Time--> 8.20 8.30 8.40





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012658.D

Acq: 05 Sep 2019 23:12

Instrument :

MSVOA_W

ClientSampleId :

VW0905SBL02

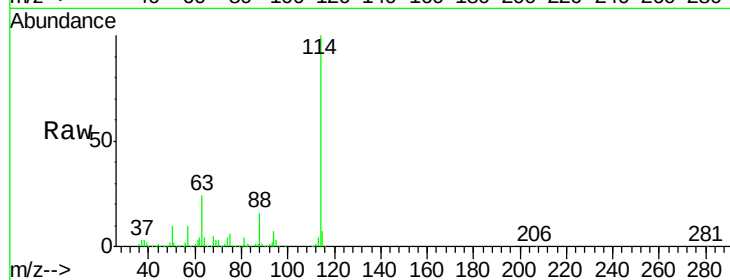
Tot Ion:114 Resp: 378998

Ion Ratio Lower Upper

114 100

63 23.7 0.0 48.6

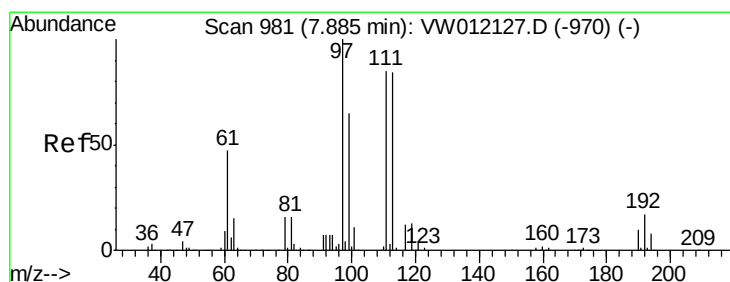
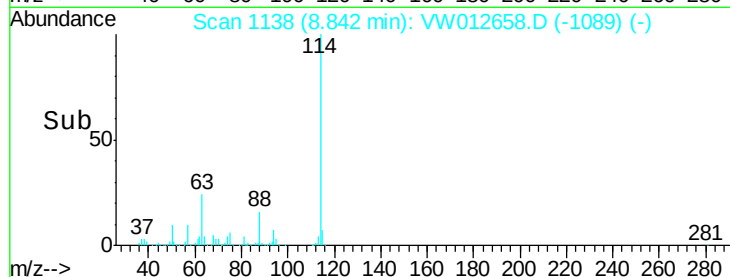
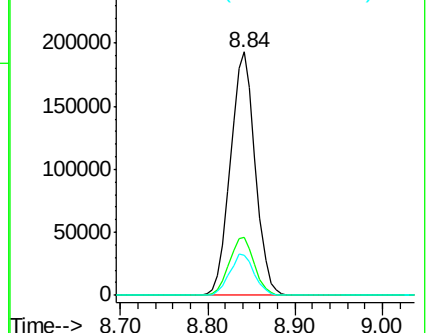
88 16.4 0.0 32.2



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: 51.100 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012658.D

Acq: 05 Sep 2019 23:12

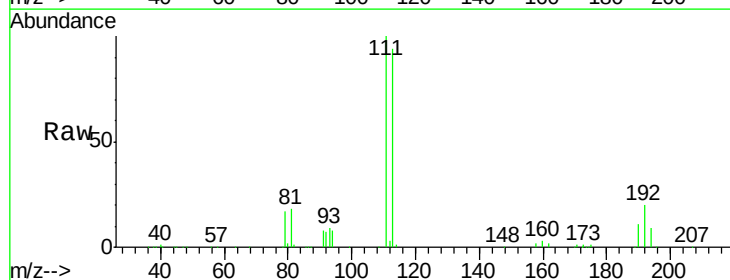
Tgt Ion:113 Resp: 115601

Ion Ratio Lower Upper

113 100

111 103.8 82.7 124.1

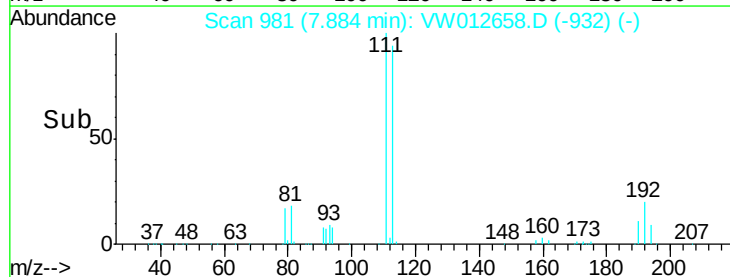
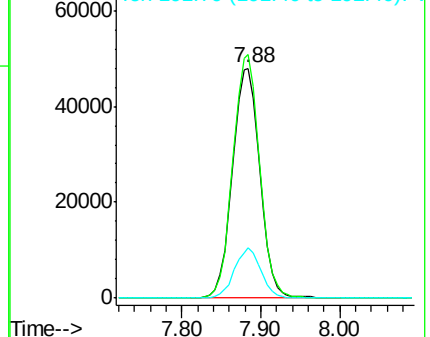
192 20.9 16.2 24.2

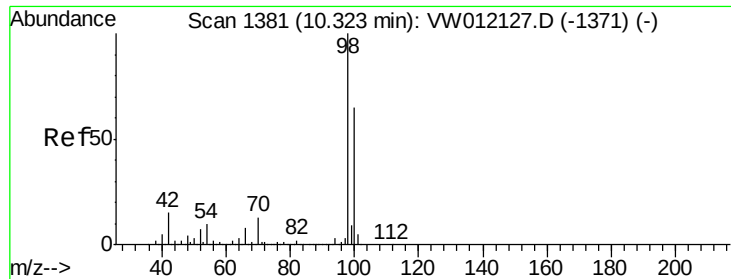


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

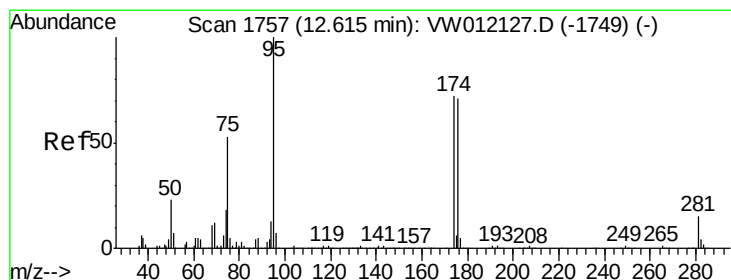
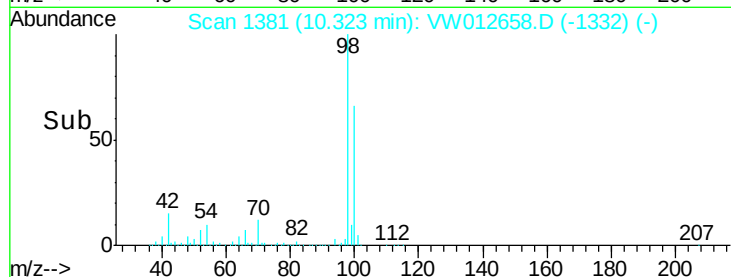
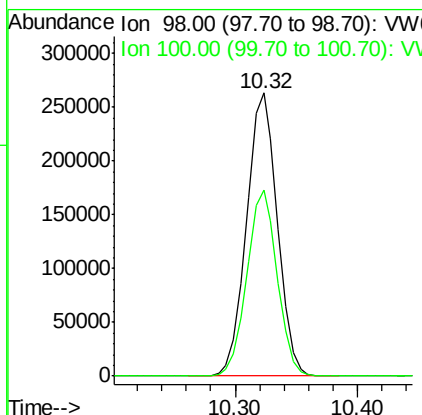
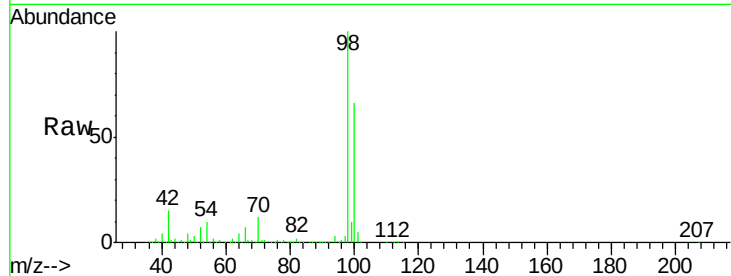




#50
Toluene-d8
Concen: 50.277 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012658.D
Acq: 05 Sep 2019 23:12

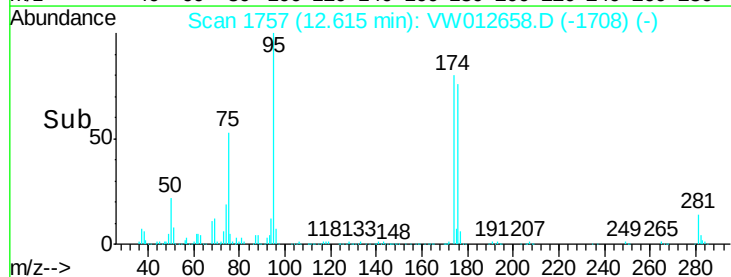
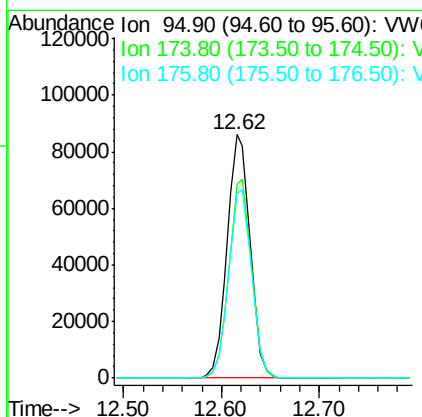
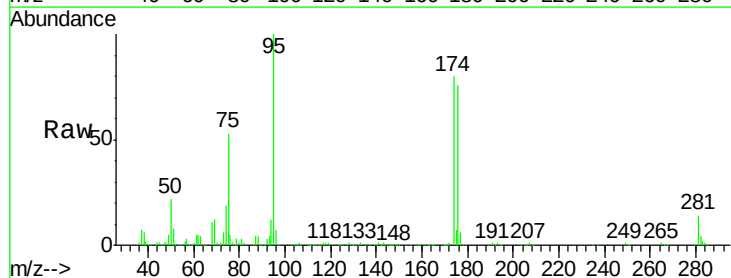
Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL02

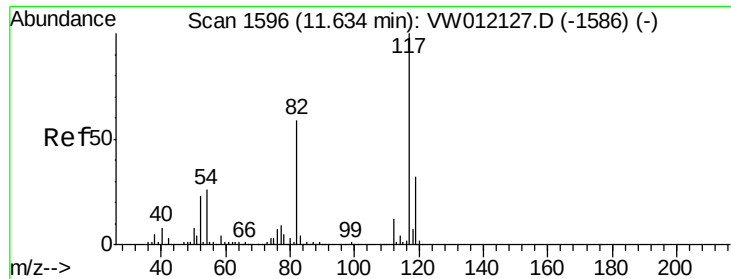
Tot Ion: 98 Resp: 461181
Ion Ratio Lower Upper
98 100
100 64.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 43.317 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012658.D
Acq: 05 Sep 2019 23:12

Tgt Ion: 95 Resp: 140062
Ion Ratio Lower Upper
95 100
174 80.6 0.0 150.8
176 77.3 0.0 148.6

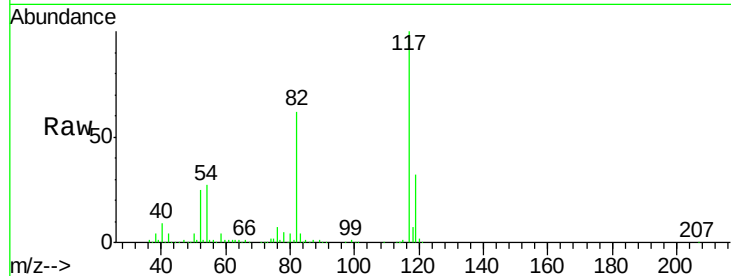




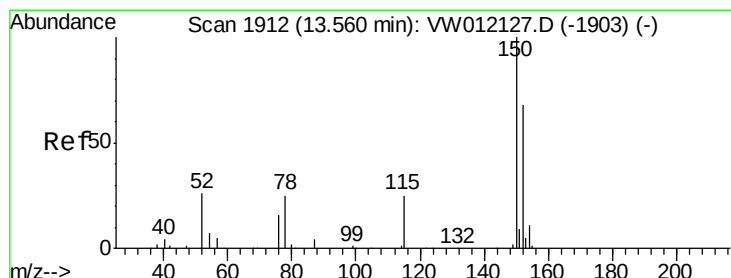
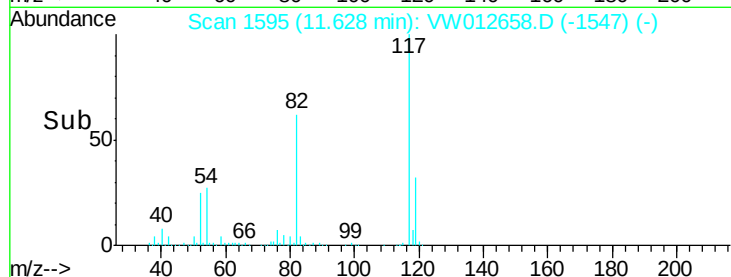
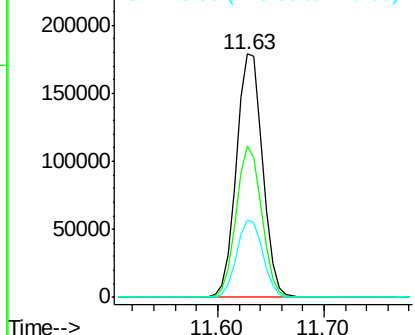
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012658.D
Acq: 05 Sep 2019 23:12

Instrument :
MSVOA_W
ClientSampleId :
VW0905SBL02

Tot Ion:117 Resp: 310052
Ion Ratio Lower Upper
117 100
82 62.0 47.4 71.2
119 32.0 25.4 38.2

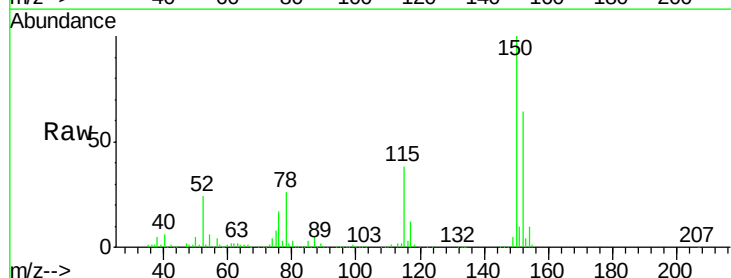


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012658.D
Acq: 05 Sep 2019 23:12

Tgt Ion:152 Resp: 136953
Ion Ratio Lower Upper
152 100
115 60.9 30.1 90.3
150 156.8 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

