

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090719\
 Data File : VW012757.D
 Acq On : 08 Sep 2019 09:16
 Operator : SY/VA
 Sample : K4636-15
 Misc : 5.06G/5ML/MSVOA W/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-32-10.5-11.0

Quant Time: Sep 09 04:43:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090719S.M
 Quant Title : SW846 8260
 QLast Update : Sun Sep 08 05:04:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	94883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	143851	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	107788	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	32250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	61236	57.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.52%	
35) Dibromofluoromethane	7.88	113	45268	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
50) Toluene-d8	10.32	98	167553	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.62	95	44347	36.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.92%	

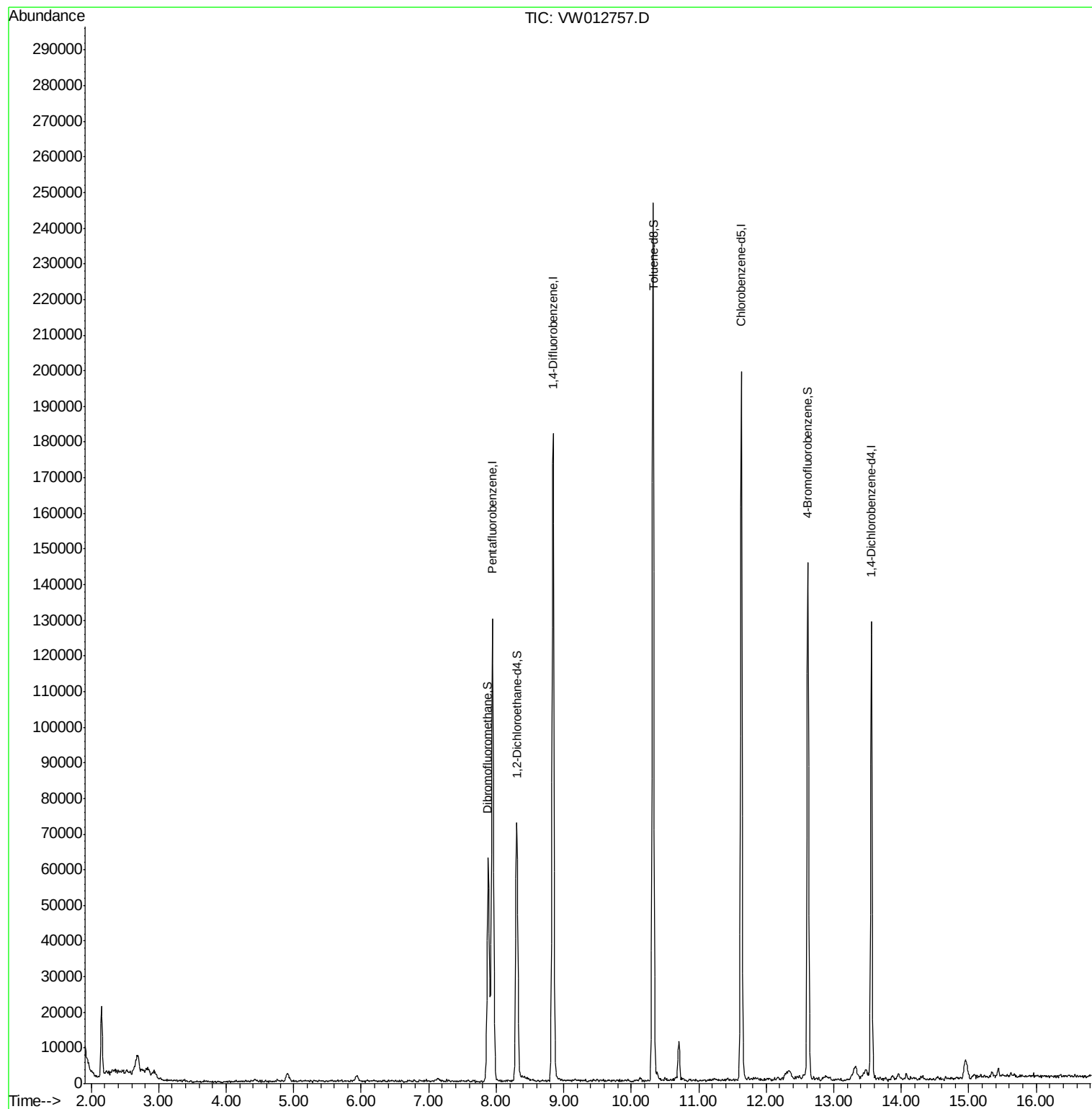
Target Compounds Qvalue

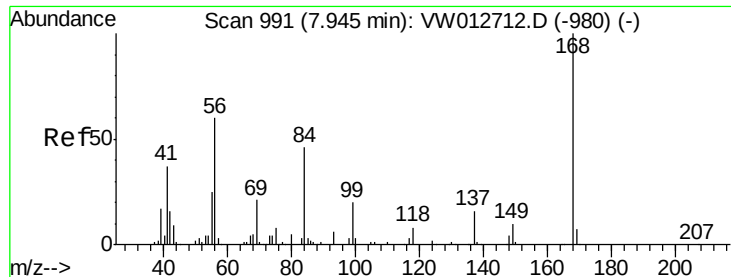
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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MSVOA_W

ClientSampleId :

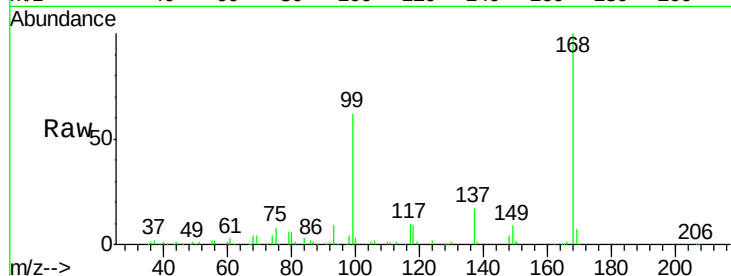
SB-32-10.5-11.0

Tot Ion:168 Resp: 94883

Ion Ratio Lower Upper

168 100

99 62.0 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

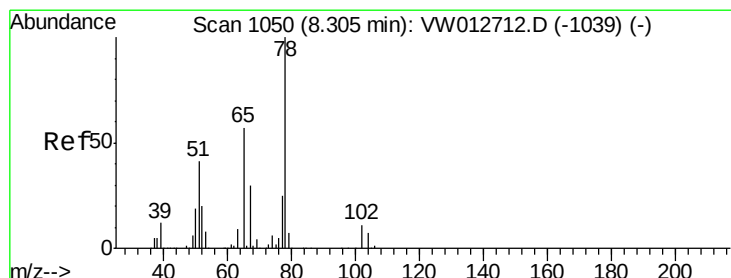
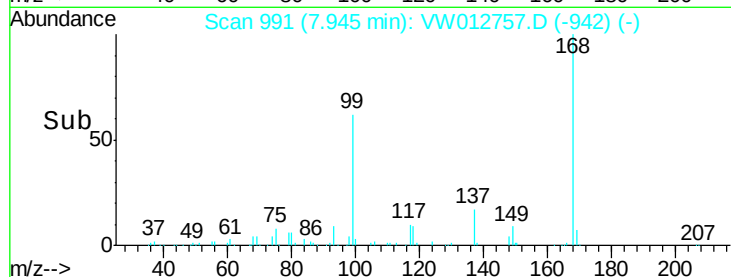
20000

10000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.761 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012757.D

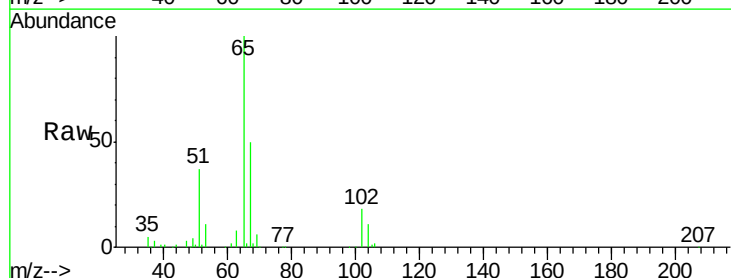
Acq: 08 Sep 2019 09:16

Tgt Ion: 65 Resp: 61236

Ion Ratio Lower Upper

65 100

67 49.8 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

30000

25000

20000

15000

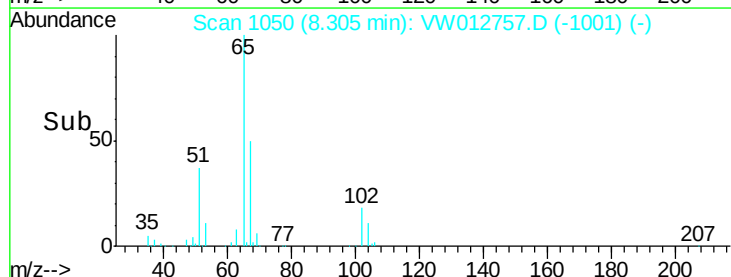
10000

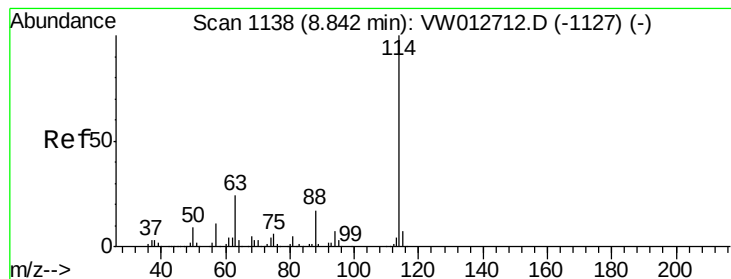
5000

0

8.20 8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012757.D

Acq: 08 Sep 2019 09:16

Instrument :

MSVOA_W

ClientSampleId :

SB-32-10.5-11.0

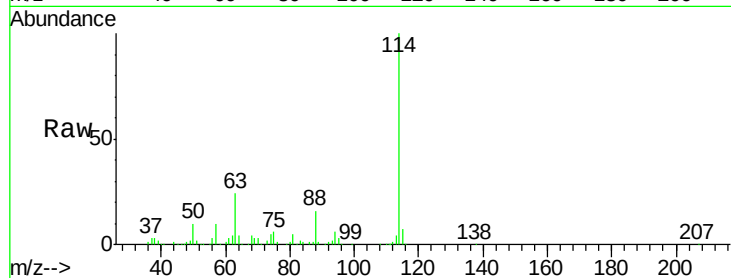
Tot Ion:114 Resp: 143851

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.2

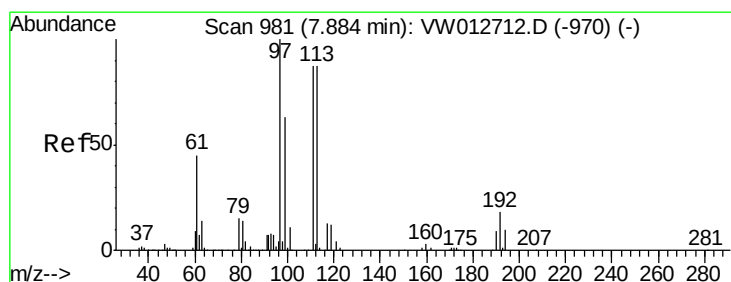
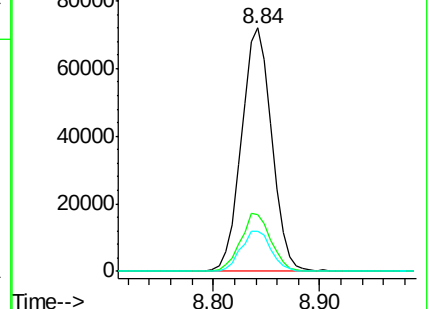
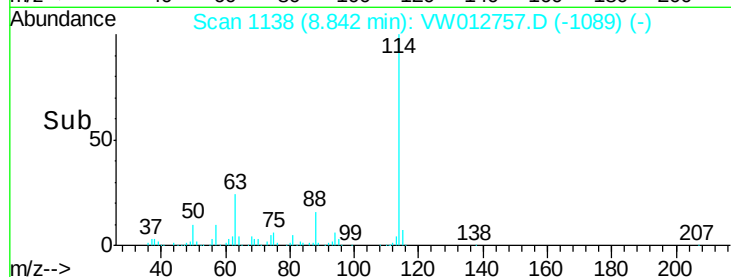
88 16.3 0.0 34.0



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: 52.931 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012757.D

Acq: 08 Sep 2019 09:16

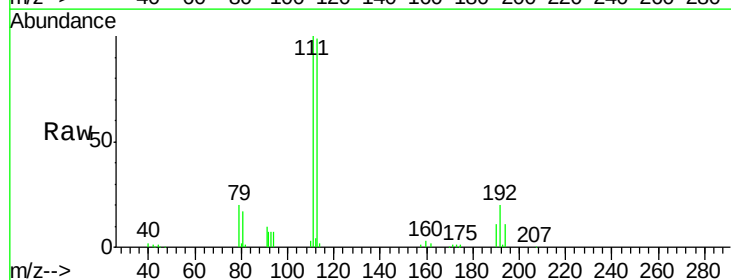
Tgt Ion:113 Resp: 45268

Ion Ratio Lower Upper

113 100

111 102.0 80.2 120.4

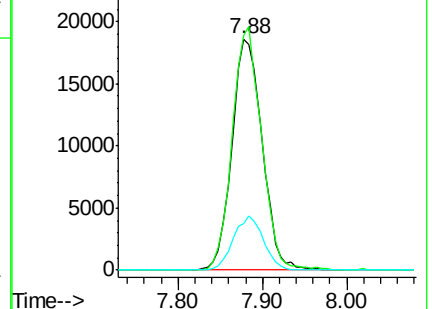
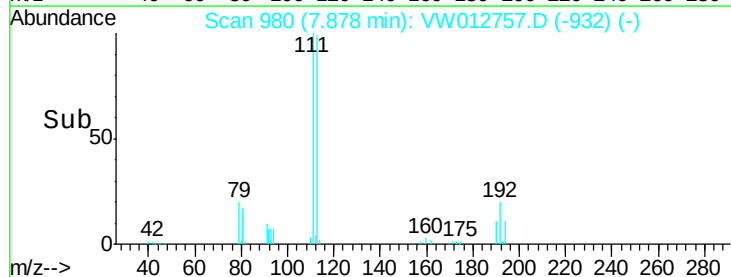
192 23.2 17.3 25.9

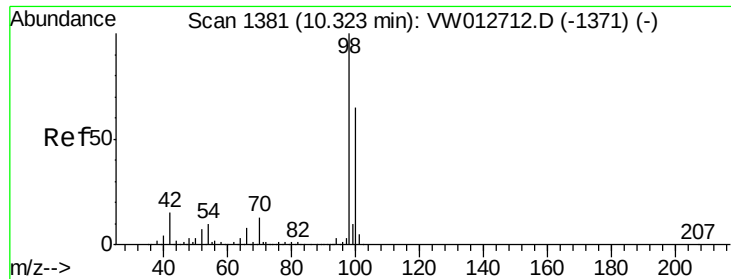


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

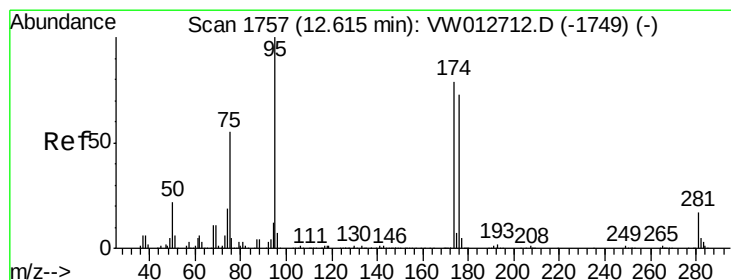
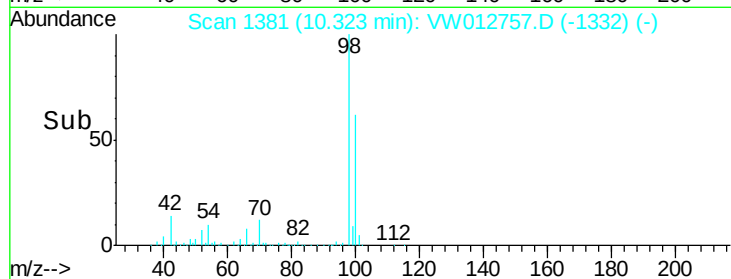
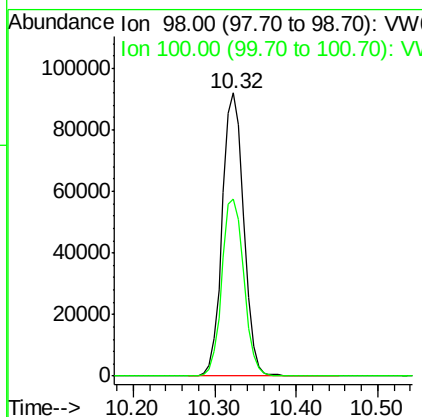
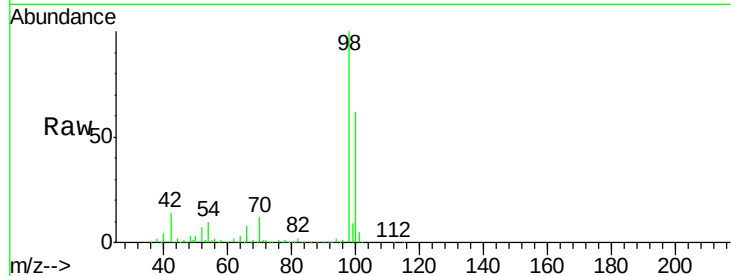




#50
Toluene-d8
Concen: 50.007 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

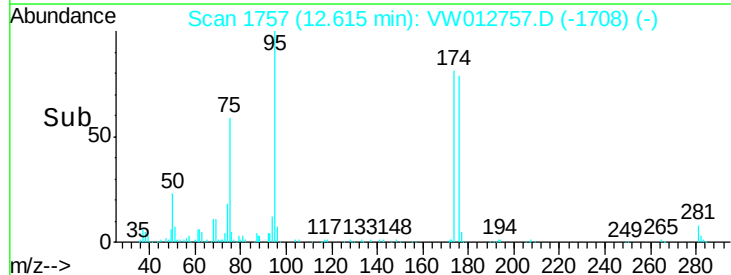
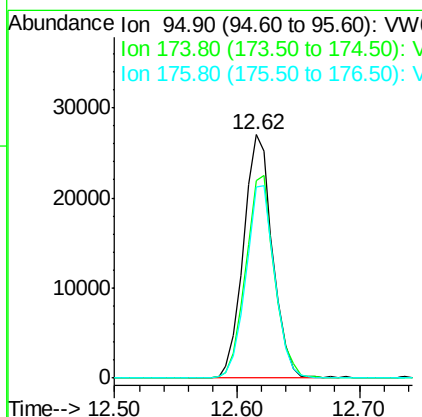
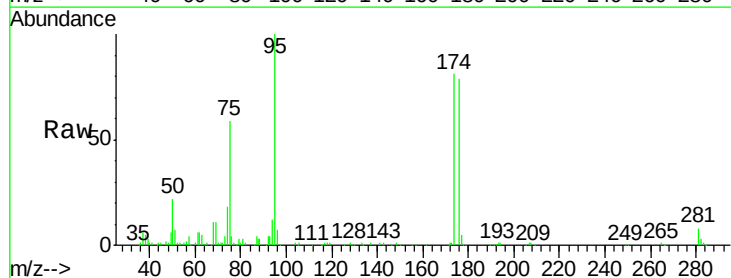
Instrument :
MSVOA_W
ClientSampleId :
SB-32-10.5-11.0

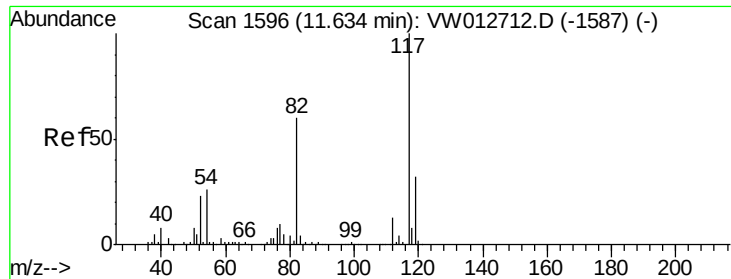
Tot Ion: 98 Resp: 167553
Ion Ratio Lower Upper
98 100
100 64.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 36.458 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Tgt Ion: 95 Resp: 44347
Ion Ratio Lower Upper
95 100
174 82.7 0.0 161.0
176 78.8 0.0 156.4

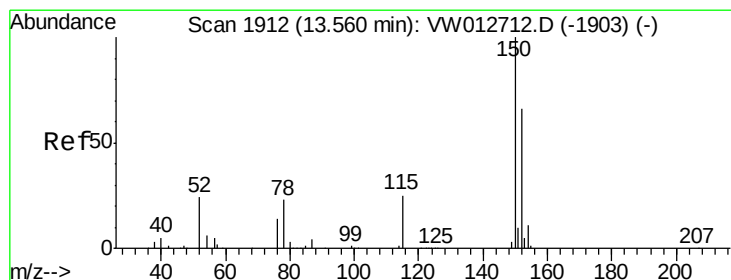
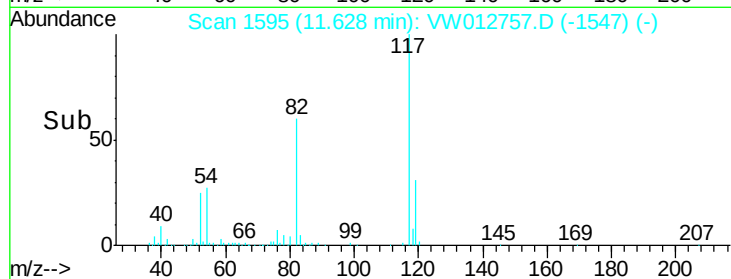
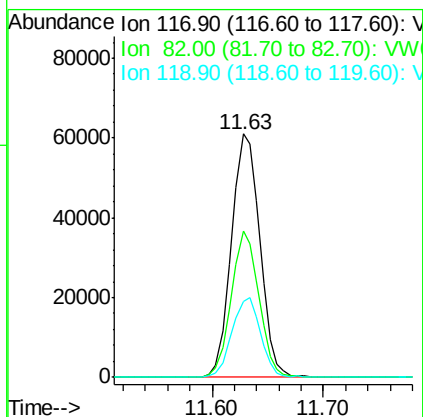
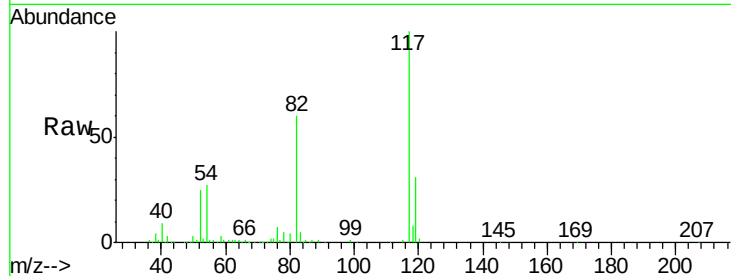




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Instrument :
MSVOA_W
ClientSampleId :
SB-32-10.5-11.0

Tot Ion:117 Resp: 107788
Ion Ratio Lower Upper
117 100
82 60.3 48.2 72.4
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012757.D
Acq: 08 Sep 2019 09:16

Tgt Ion:152 Resp: 32250
Ion Ratio Lower Upper
152 100
115 59.2 30.0 90.1
150 157.4 0.0 349.0

