

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090919\
 Data File : VW012851.D
 Acq On : 10 Sep 2019 04:56
 Operator : SY/VA
 Sample : K4644-11
 Misc : 8.64G/5ML/MSVOA W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T11-E3-(0)

Quant Time: Sep 10 08:14:04 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	266346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402039	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	79817	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141843	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
35) Dibromofluoromethane	7.88	113	117706	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	
50) Toluene-d8	10.32	98	457321	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	12.62	95	111974	32.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.88%	

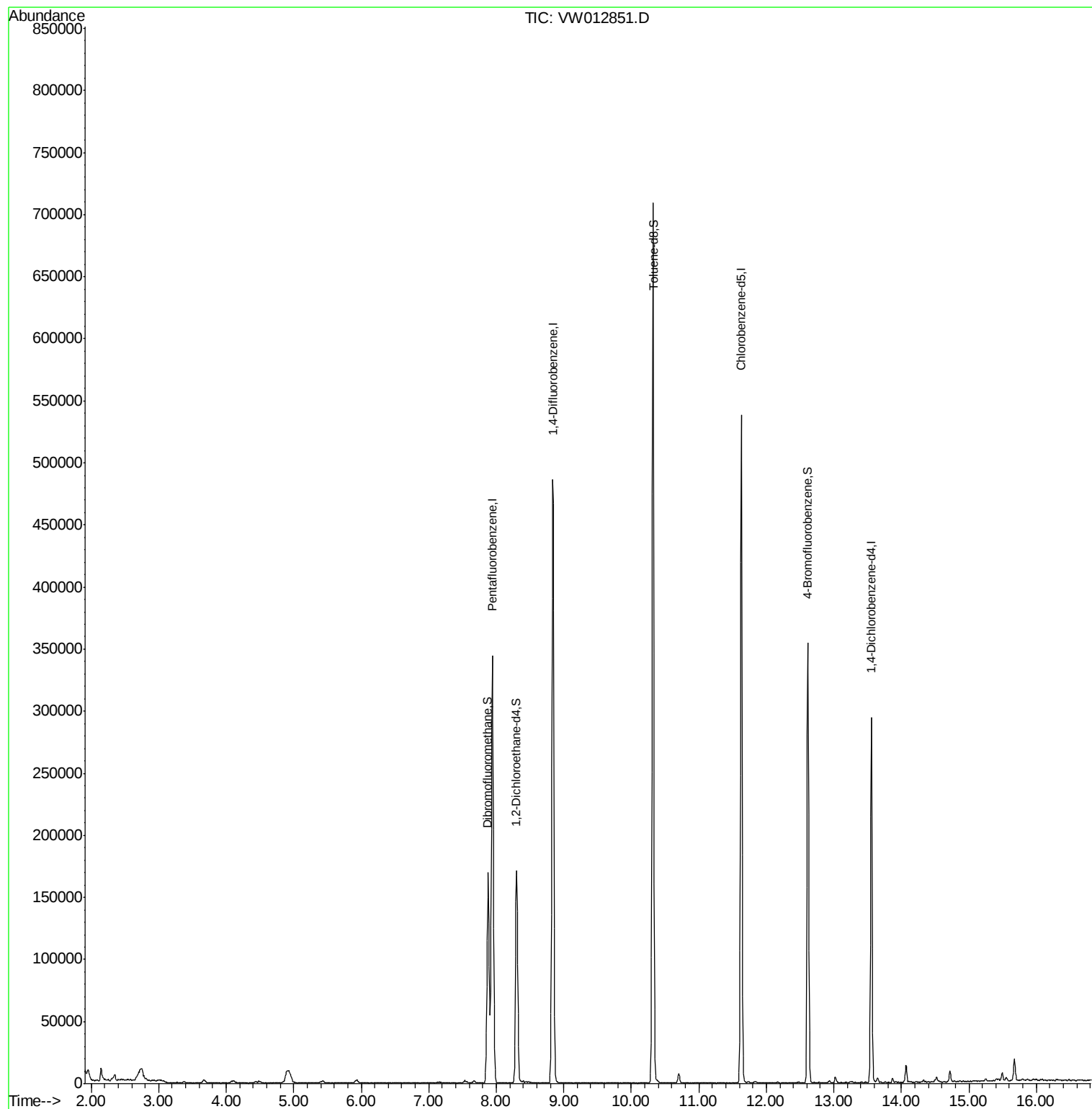
Target Compounds	Qvalue

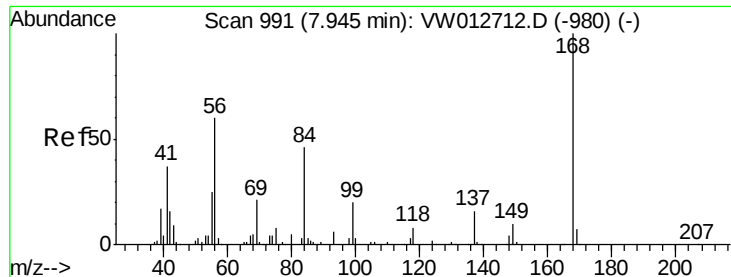
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW012851.D

Acq: 10 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

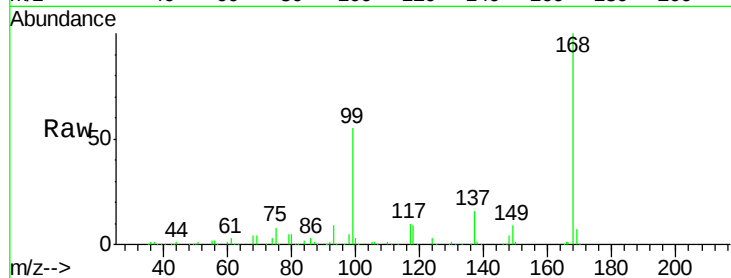
T11-E3-(0)

Tot Ion:168 Resp: 266346

Ion Ratio Lower Upper

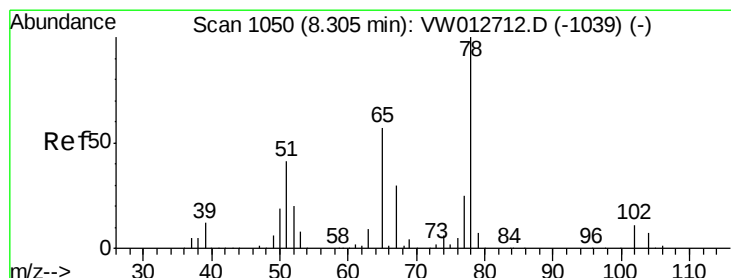
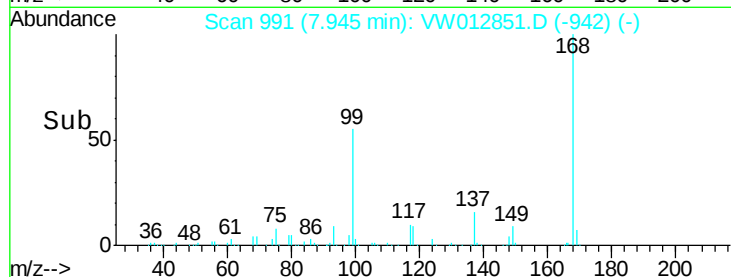
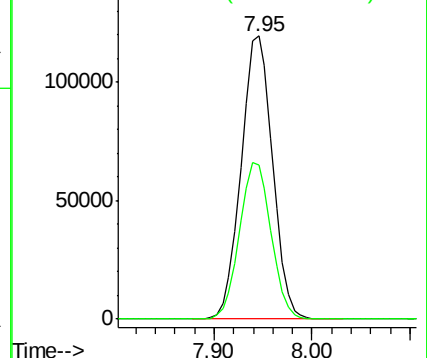
168 100

99 54.6 47.8 71.6



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: 47.663 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012851.D

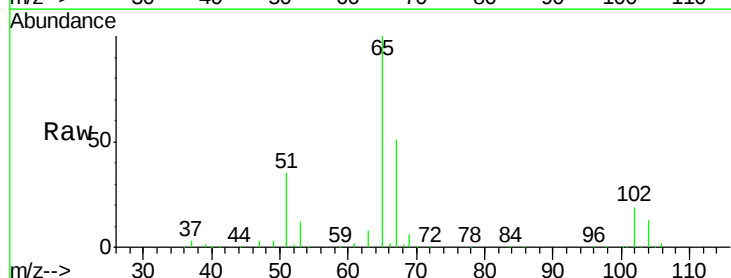
Acq: 10 Sep 2019 04:56

Tgt Ion: 65 Resp: 141843

Ion Ratio Lower Upper

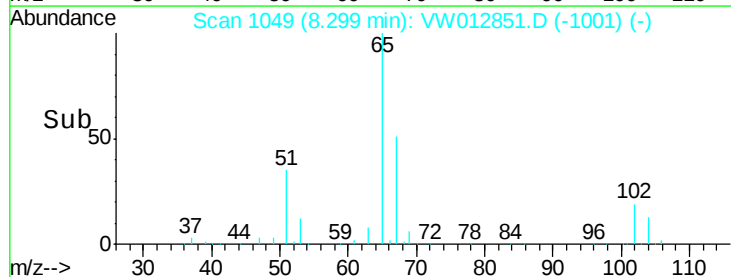
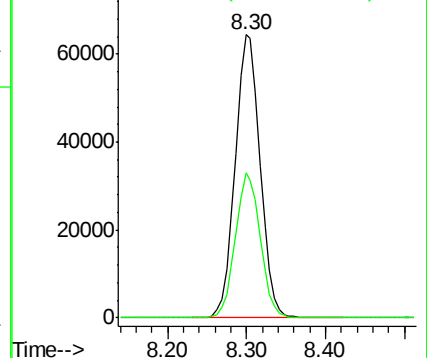
65 100

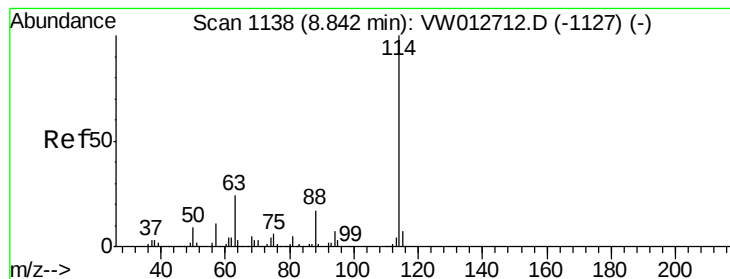
67 50.9 0.0 101.8



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: VW012851.D

Acq: 10 Sep 2019 04:56

Instrument :

MSVOA_W

ClientSampleId :

T11-E3-(0)

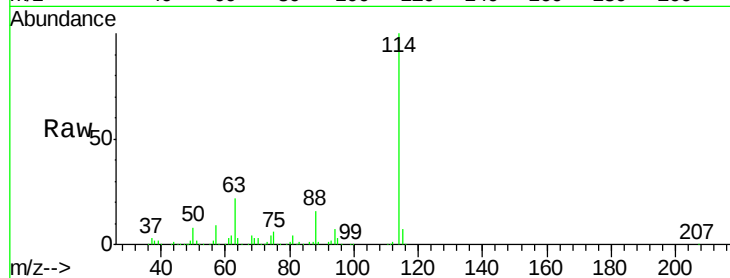
Tot Ion:114 Resp: 402039

Ion Ratio Lower Upper

114 100

63 22.1 0.0 47.2

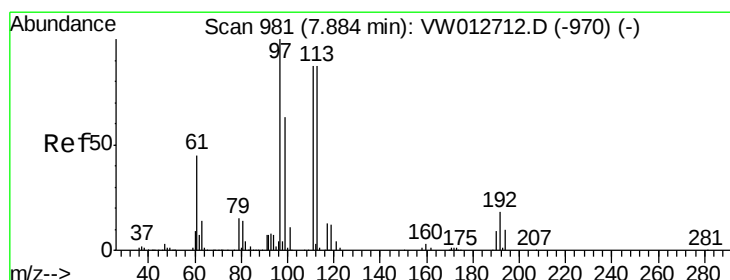
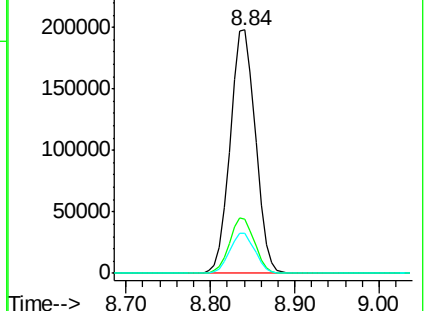
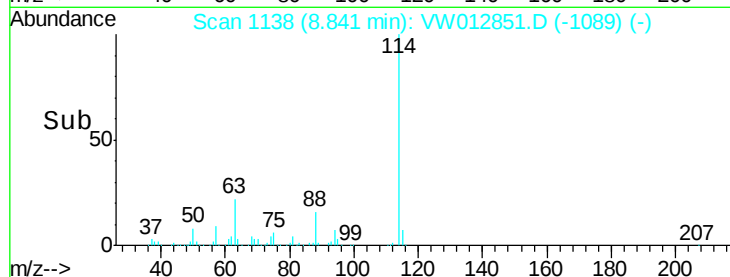
88 16.2 0.0 34.0



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: 49.245 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012851.D

Acq: 10 Sep 2019 04:56

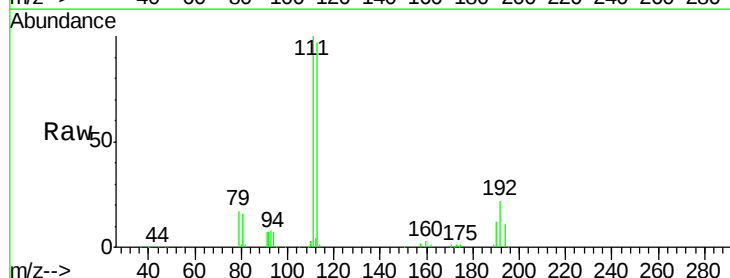
Tgt Ion:113 Resp: 117706

Ion Ratio Lower Upper

113 100

111 103.5 80.2 120.4

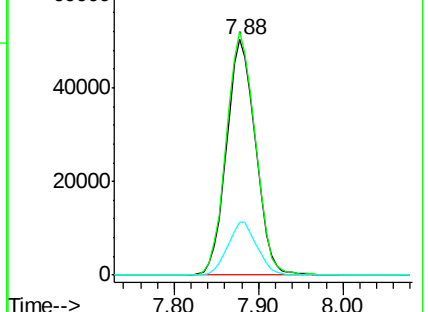
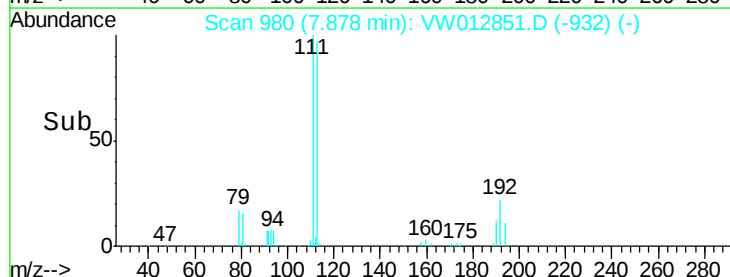
192 22.6 17.3 25.9

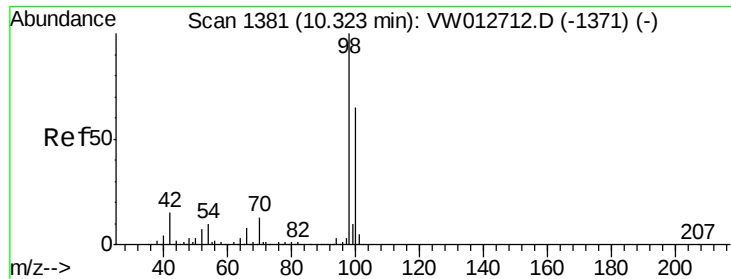


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

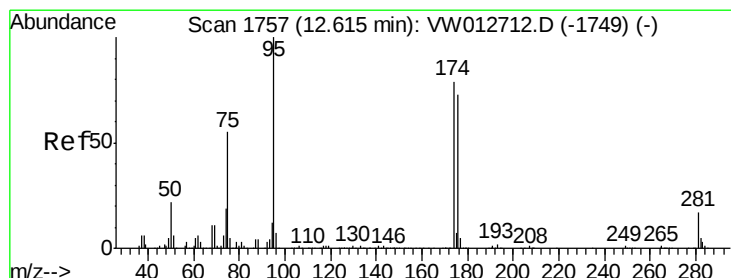
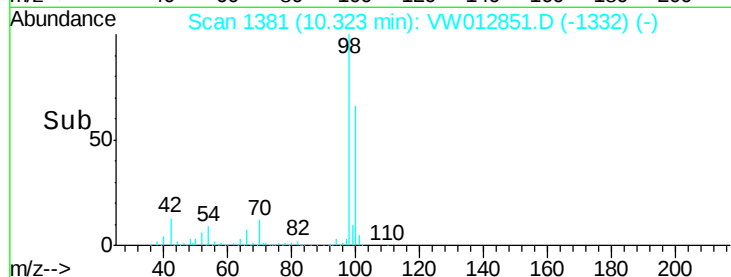
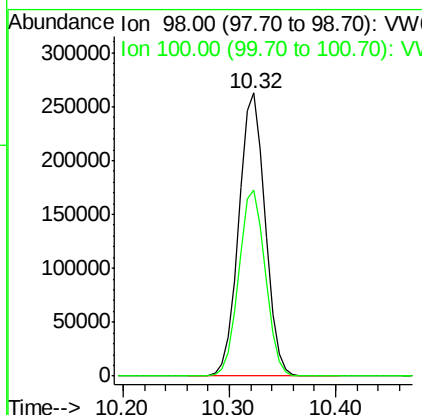
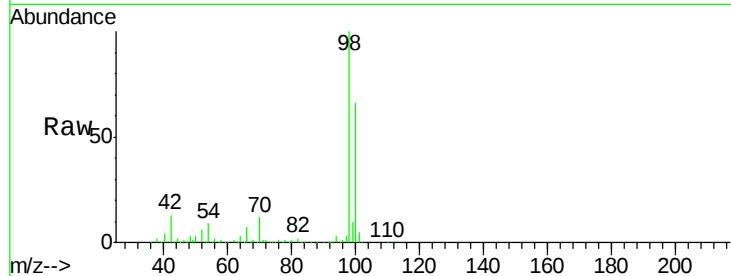




#50
Toluene-d8
Concen: 48.836 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012851.D
Acq: 10 Sep 2019 04:56

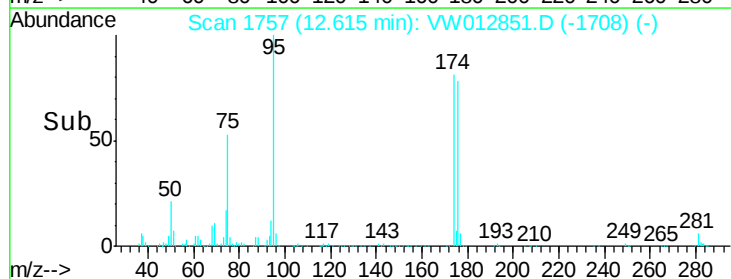
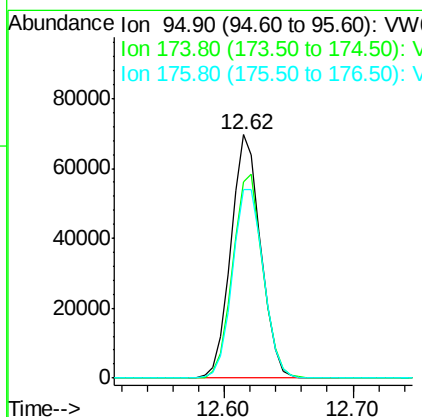
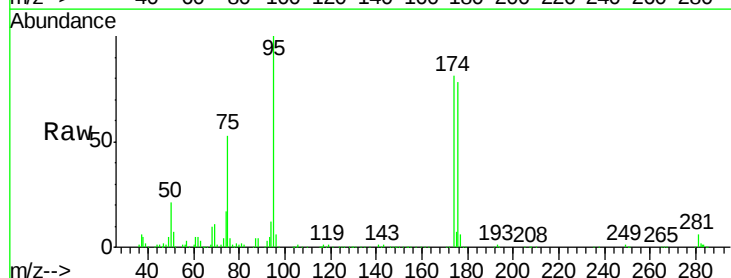
Instrument :
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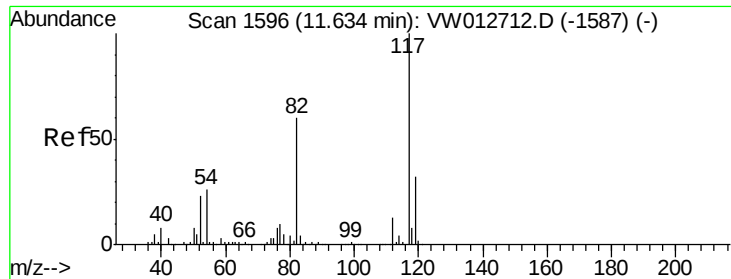
Tot Ion: 98 Resp: 457321
Ion Ratio Lower Upper
98 100
100 66.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 32.938 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012851.D
Acq: 10 Sep 2019 04:56

Tgt Ion: 95 Resp: 111974
Ion Ratio Lower Upper
95 100
174 84.6 0.0 161.0
176 81.1 0.0 156.4

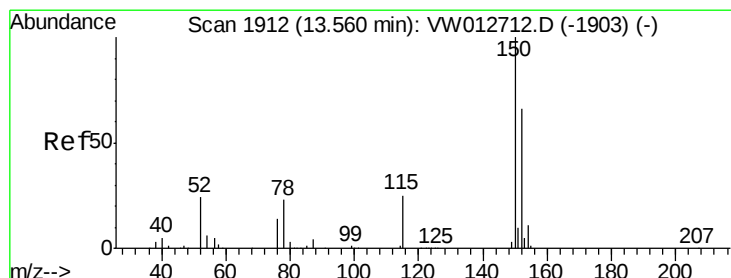
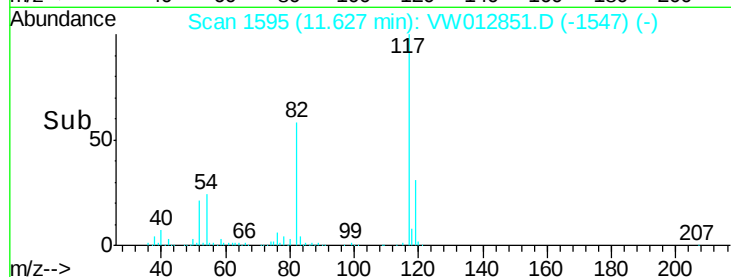
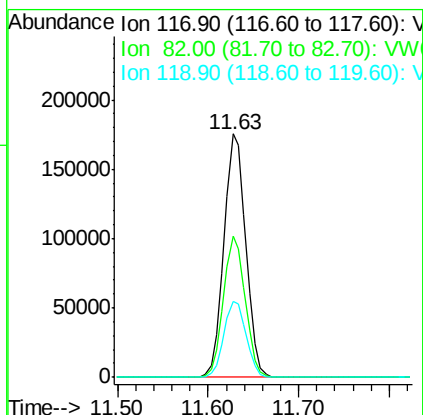
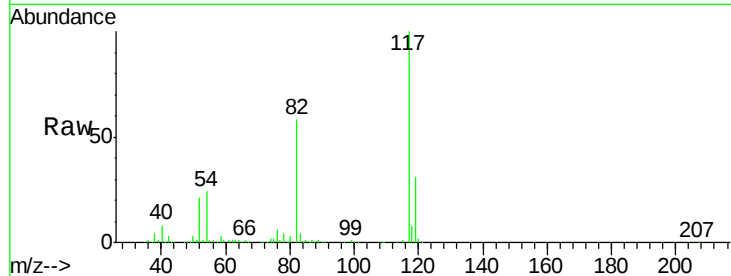




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012851.D
Acq: 10 Sep 2019 04:56

Instrument :
MSVOA_W
ClientSampleId :
T11-E3-(0)

Tot Ion:117 Resp: 294111
Ion Ratio Lower Upper
117 100
82 57.9 48.2 72.4
119 31.3 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: VW012851.D
Acq: 10 Sep 2019 04:56

Tgt Ion:152 Resp: 79817
Ion Ratio Lower Upper
152 100
115 57.0 30.0 90.1
150 155.1 0.0 349.0

