

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083019\
 Data File : VW012384.D
 Acq On : 31 Aug 2019 07:13
 Operator : SY/VA
 Sample : K4568-11RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-19-10-10.5RE

Quant Time: Aug 31 11:21:57 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	7824	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	10766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	7696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	1157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4514	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.88	113	3793	59.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.04%	
50) Toluene-d8	10.32	98	12392	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	
62) 4-Bromofluorobenzene	12.62	95	1856	20.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.42%	

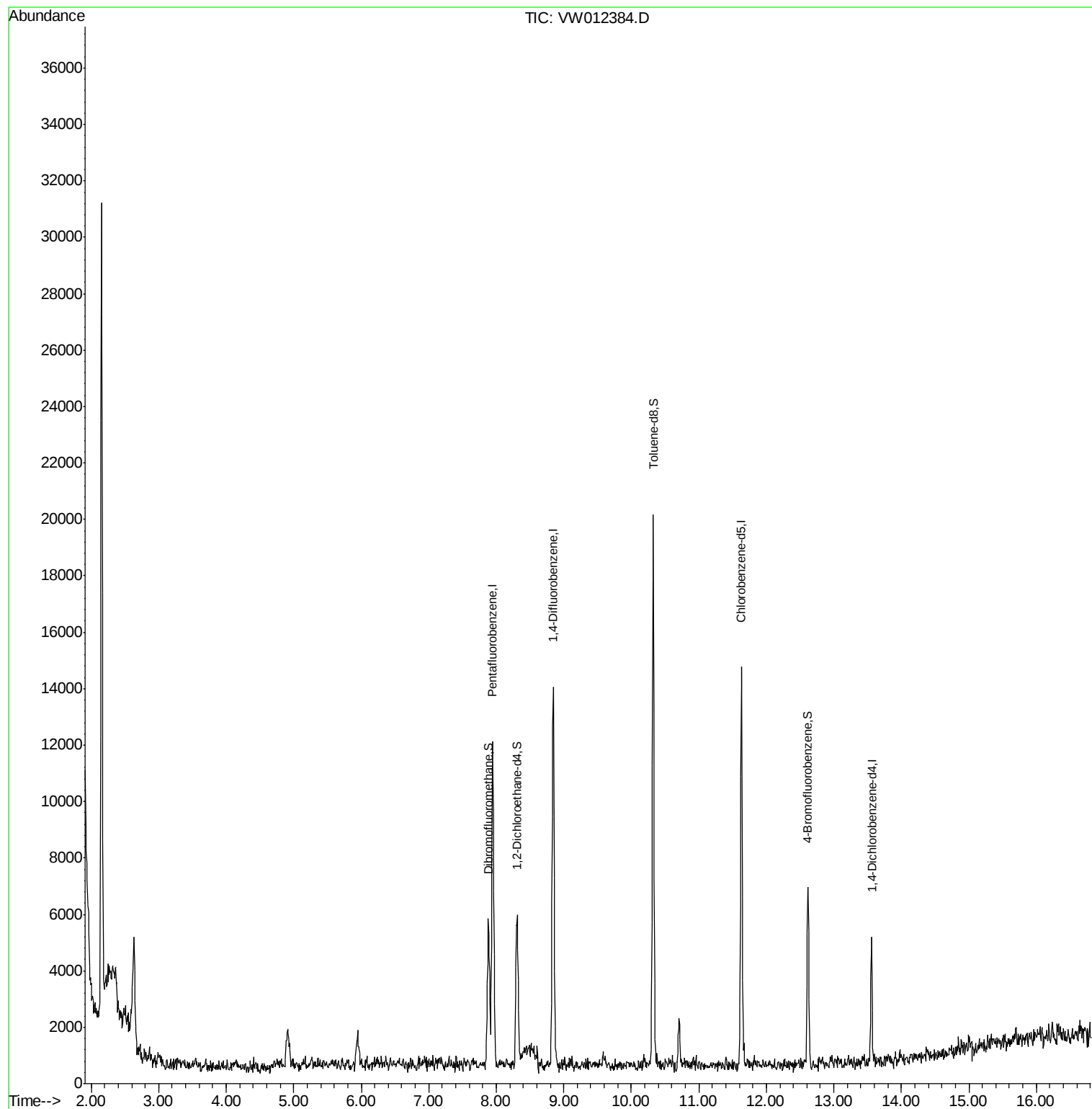
Target Compounds	Qvalue

(#) = 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: VW012384.D

Acq: 31 Aug 2019 07:13

Instrument :

MSVOA_W

ClientSampleId :

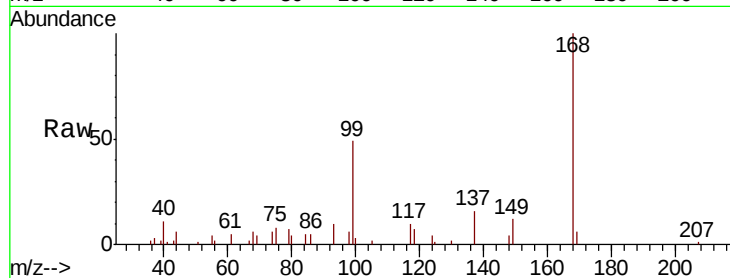
SB-19-10-10.5RE

Tot Ion:168 Resp: 7824

Ion Ratio Lower Upper

168 100

99 48.7 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

4000

3000

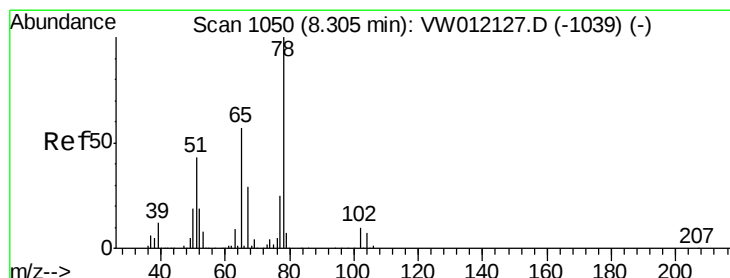
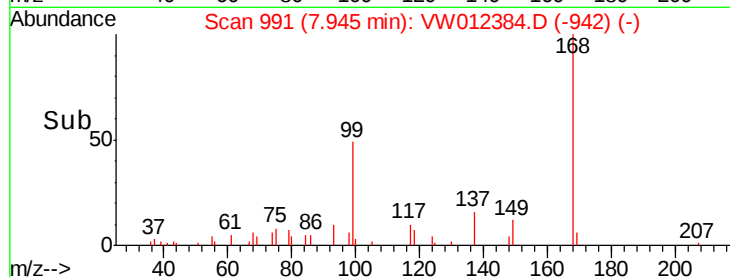
2000

1000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.533 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VW012384.D

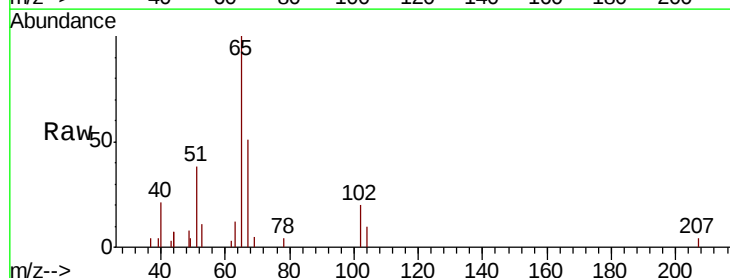
Acq: 31 Aug 2019 07:13

Tgt Ion: 65 Resp: 4514

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

2000

1500

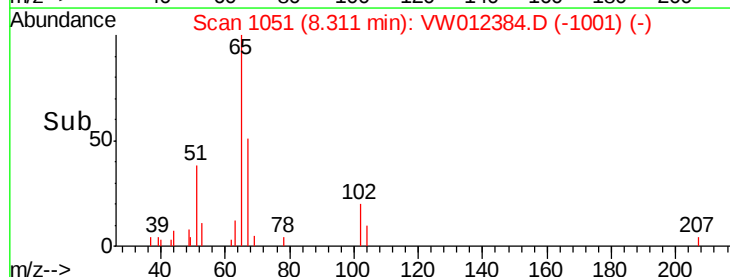
1000

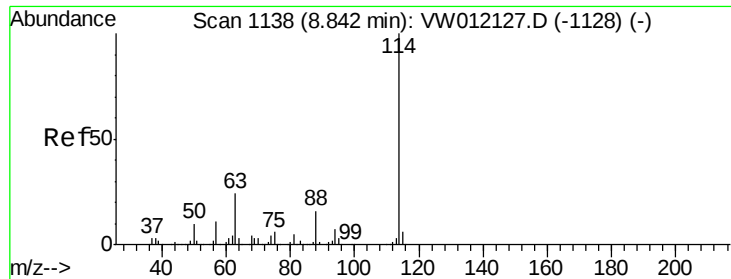
500

0

8.25 8.30 8.35 8.40

Time-->

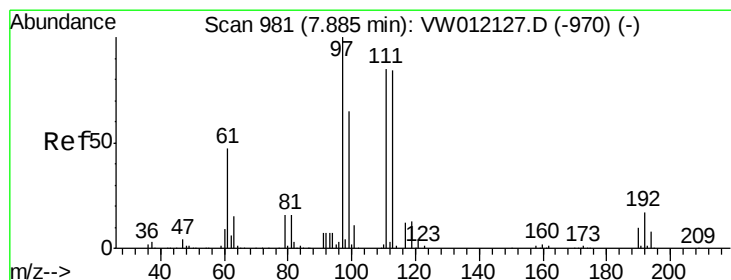
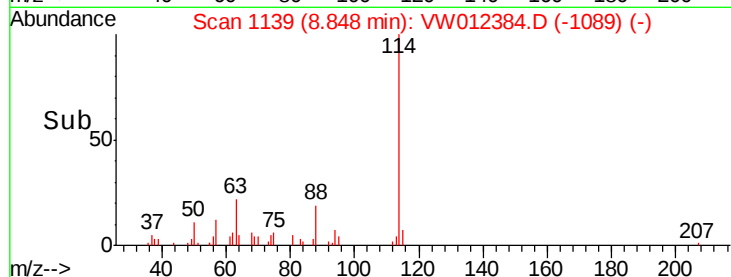
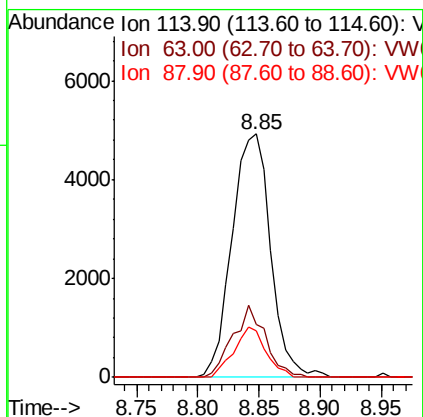
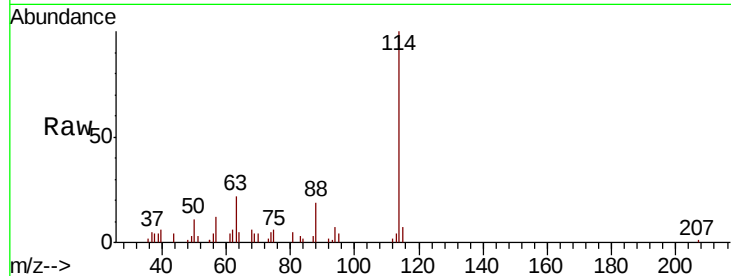




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW012384.D
 Acq: 31 Aug 2019 07:13

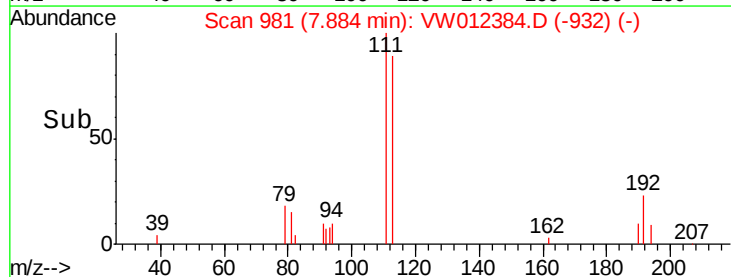
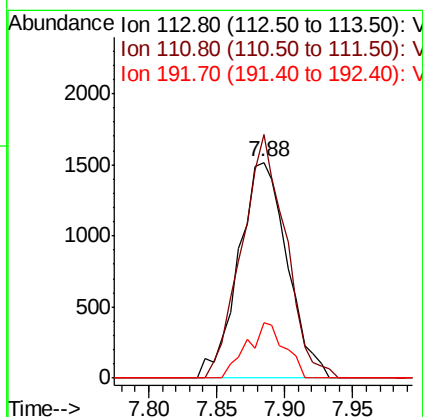
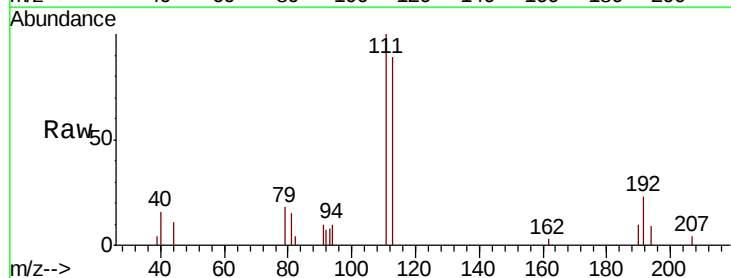
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-19-10-10.5RE

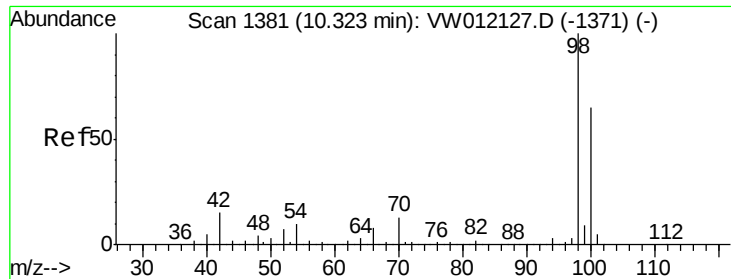
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	48.6
88	18.9	0.0	32.2



#35
 Dibromofluoromethane
 Concen: 59.023 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012384.D
 Acq: 31 Aug 2019 07:13

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.7	124.1
192	20.2	16.2	24.2





#50

Toluene-d8

Concen: 47.558 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012384.D

Acq: 31 Aug 2019 07:13

Instrument :

MSVOA_W

ClientSampleId :

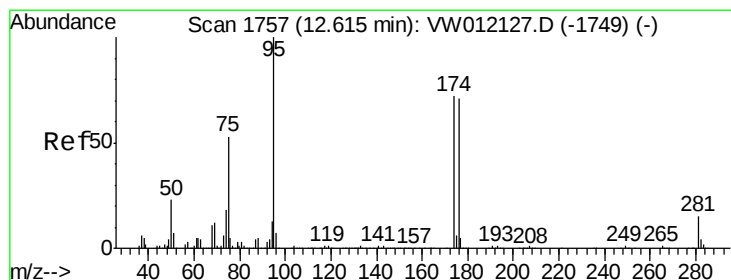
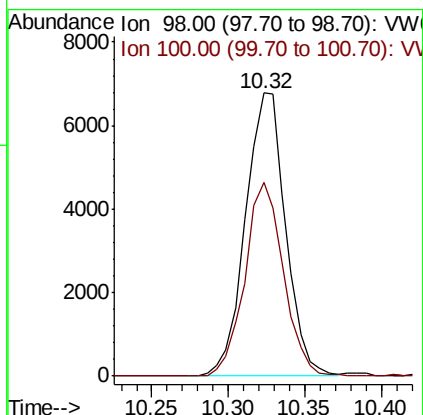
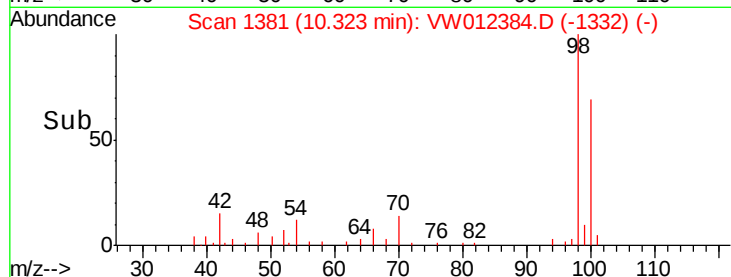
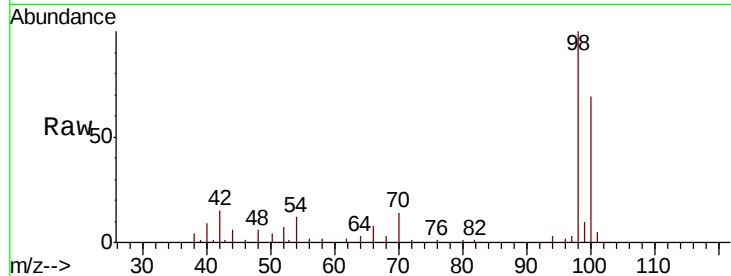
SB-19-10-10.5RE

Tot Ion: 98 Resp: 12392

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 20.207 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012384.D

Acq: 31 Aug 2019 07:13

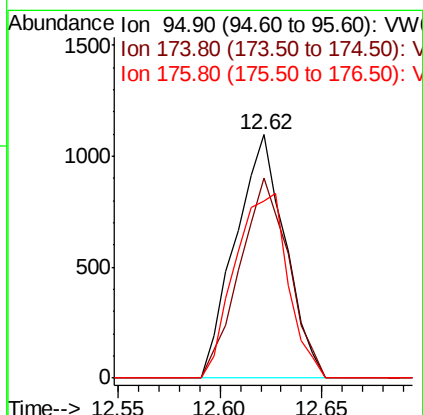
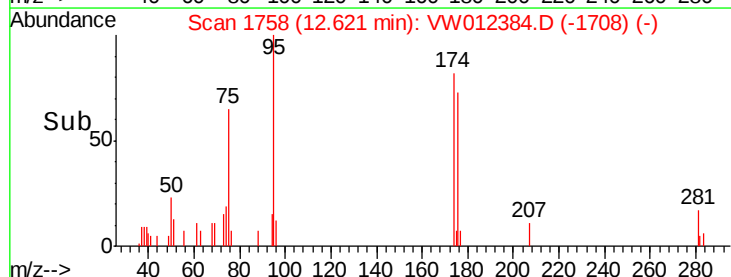
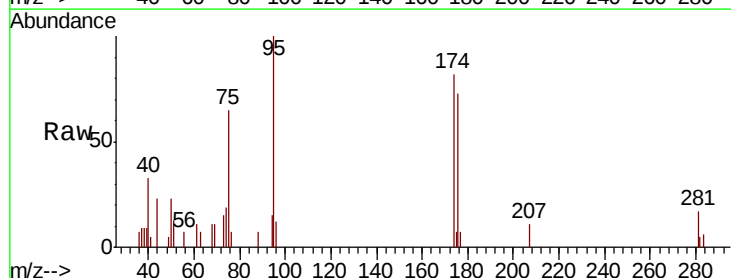
Tgt Ion: 95 Resp: 1856

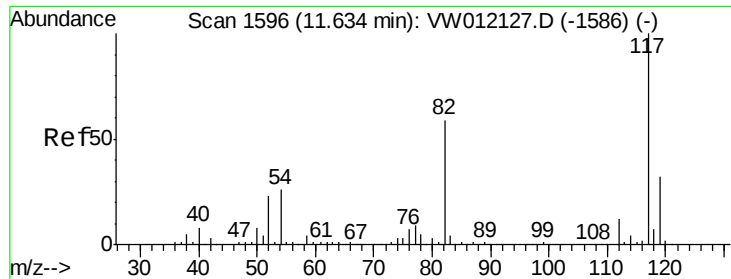
Ion Ratio Lower Upper

95 100

174 81.1 0.0 150.8

176 81.0 0.0 148.6

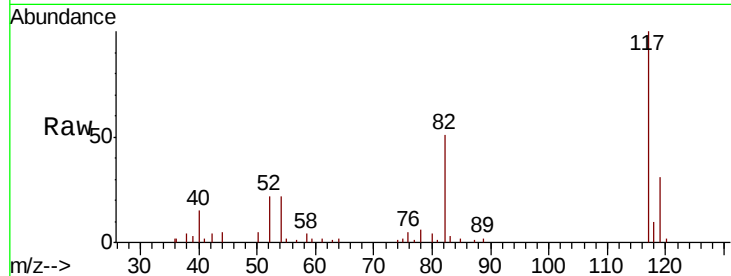




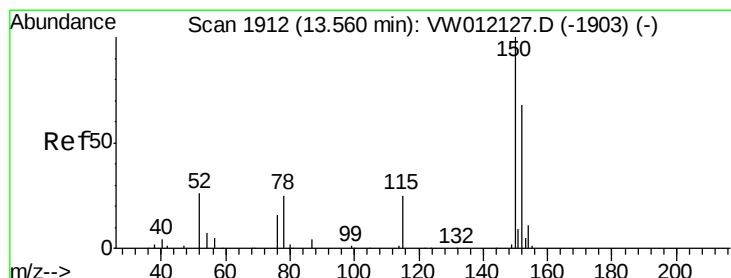
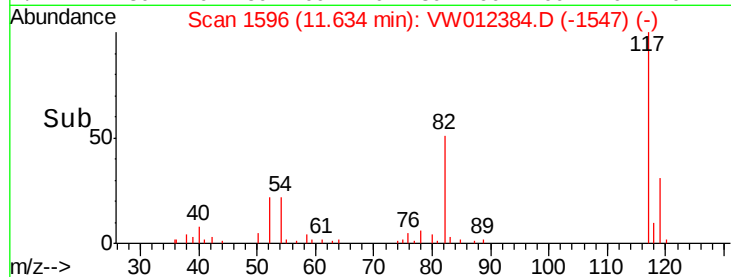
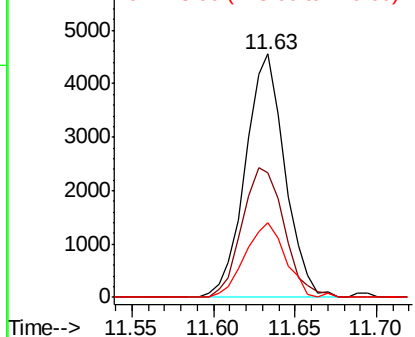
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012384.D
Acq: 31 Aug 2019 07:13

Instrument :
MSVOA_W
ClientSampleId :
SB-19-10-10.5RE

Tot Ion:117 Resp: 7696
Ion Ratio Lower Upper
117 100
82 51.0 47.4 71.2
119 30.9 25.4 38.2

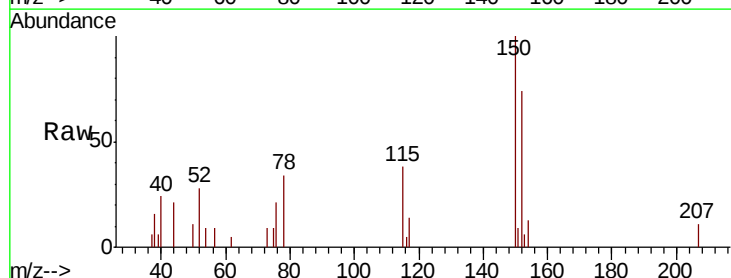


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012384.D
Acq: 31 Aug 2019 07:13

Tgt Ion:152 Resp: 1157
Ion Ratio Lower Upper
152 100
115 64.3 30.1 90.3
150 157.3 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

