

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013168.D
 Acq On : 19 Sep 2019 18:18
 Operator : SY/VA
 Sample : K4877-07
 Misc : 6.87G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-2-3-2

Quant Time: Sep 20 08:54:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	300139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	430505	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	245643	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	50204	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	124464	44.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.80%	
35) Dibromofluoromethane	7.88	113	126335	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.32	98	461098	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
62) 4-Bromofluorobenzene	12.62	95	73619	22.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	44.80%	

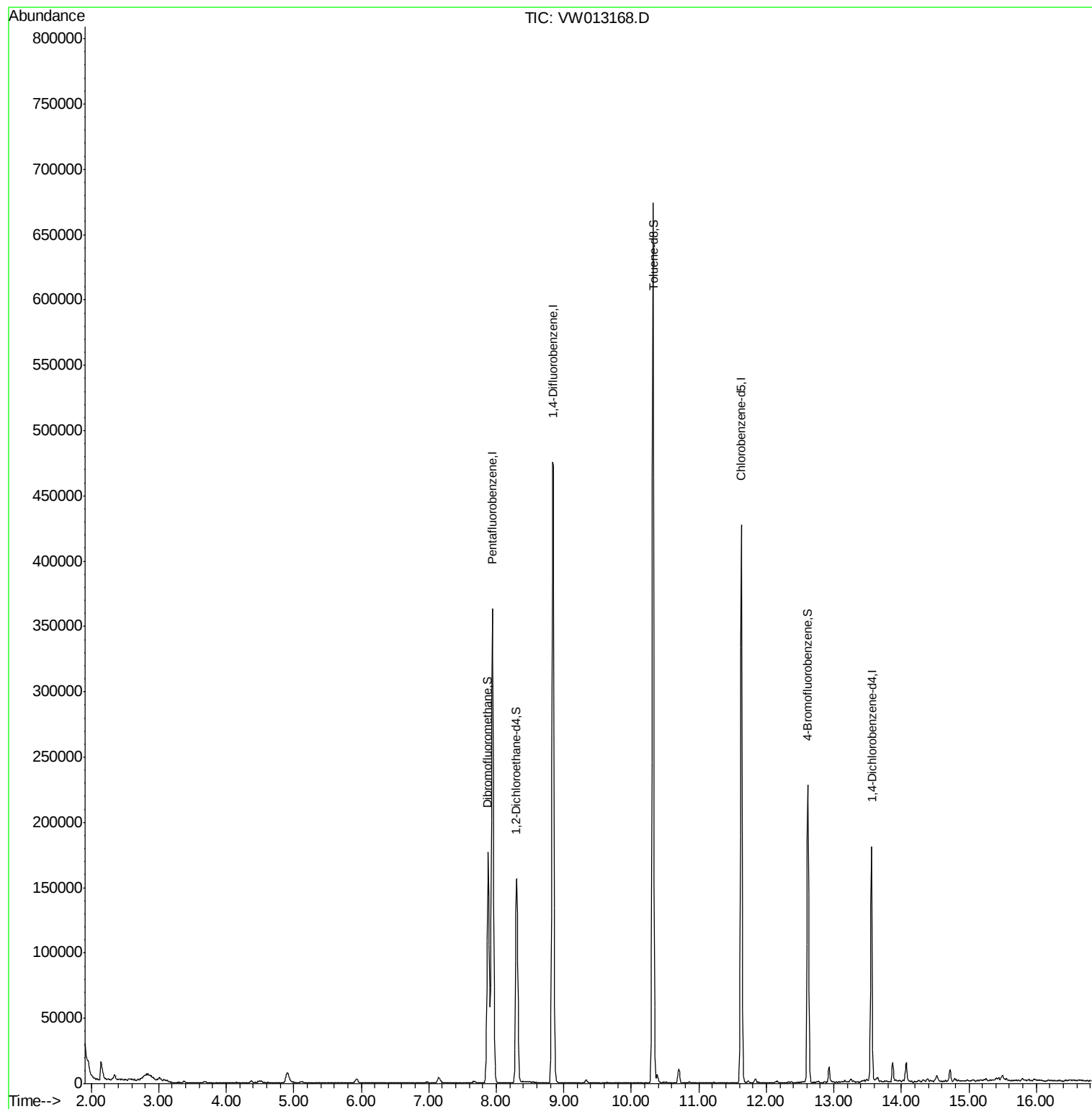
Target Compounds	Qvalue
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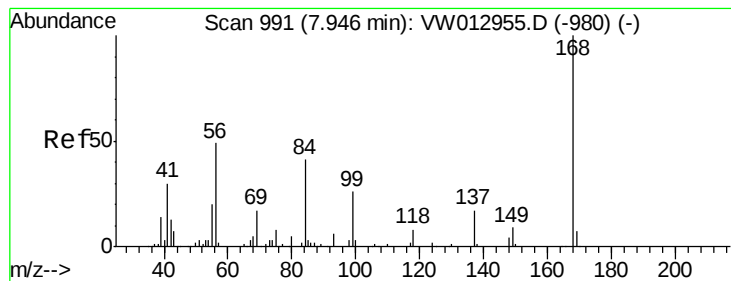
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 19 Sep 2019 18:18

Instrument :

MSVOA_W

ClientSampleId :

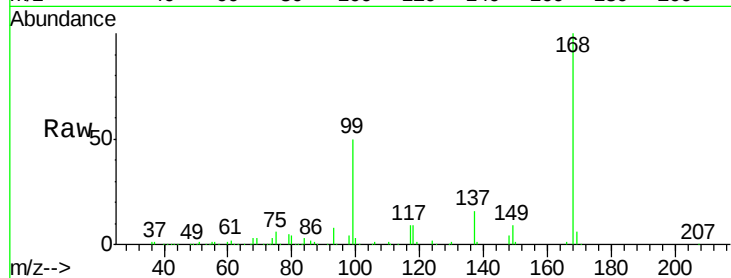
CSA-2-3-2

Tot Ion:168 Resp: 300139

Ion Ratio Lower Upper

168 100

99 49.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

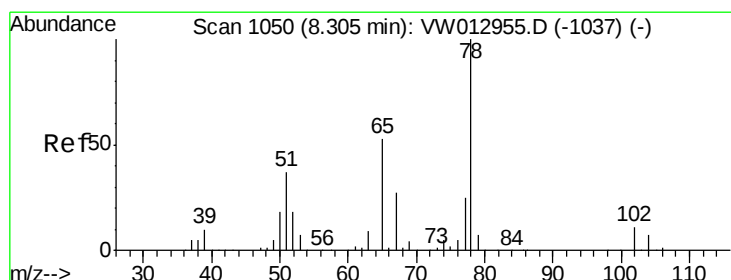
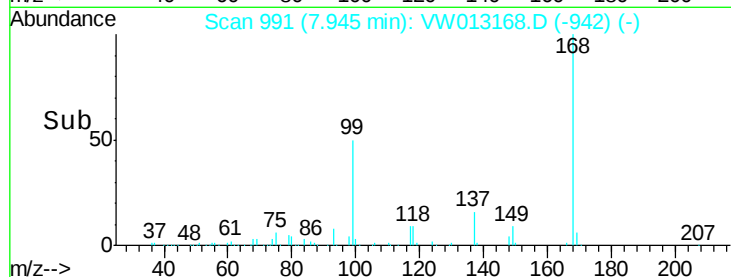
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.900 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013168.D

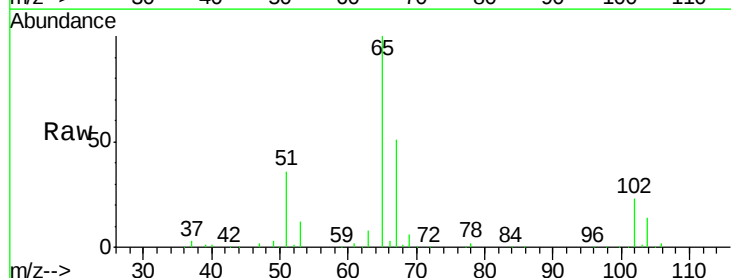
Acq: 19 Sep 2019 18:18

Tgt Ion: 65 Resp: 124464

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

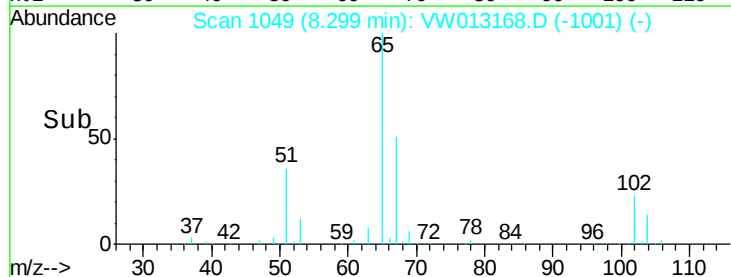
60000

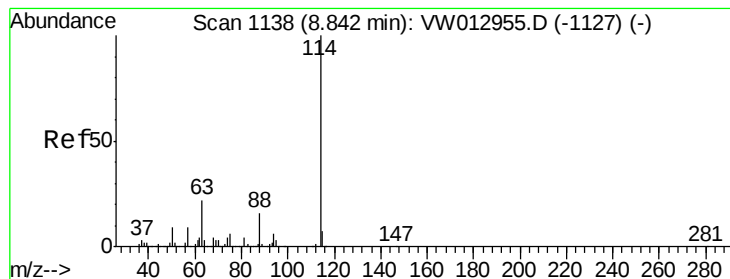
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013168.D

Acq: 19 Sep 2019 18:18

Instrument :

MSVOA_W

ClientSampled :

CSA-2-3-2

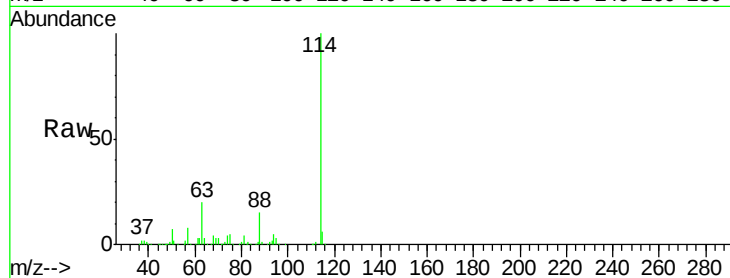
Tot Ion:114 Resp: 430505

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.4

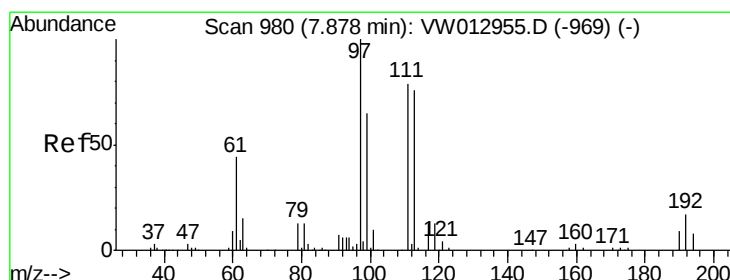
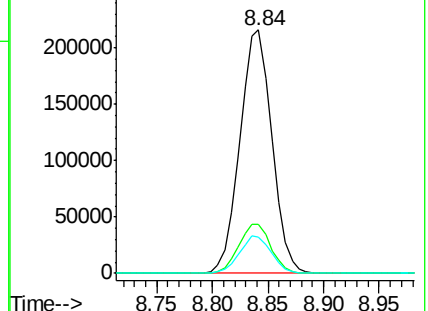
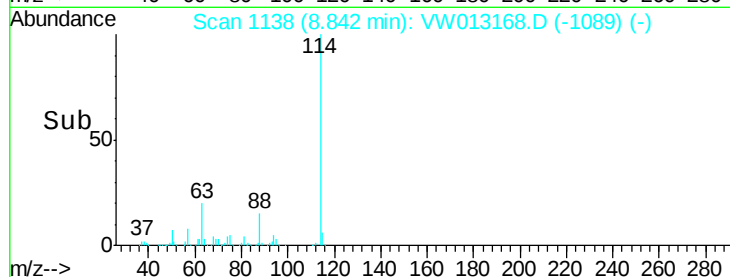
88 15.0 0.0 31.6



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: 54.082 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013168.D

Acq: 19 Sep 2019 18:18

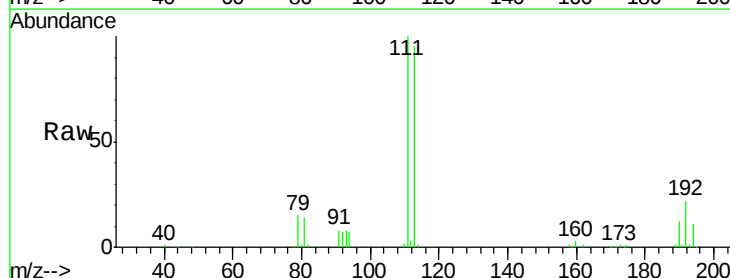
Tgt Ion:113 Resp: 126335

Ion Ratio Lower Upper

113 100

111 102.6 82.8 124.2

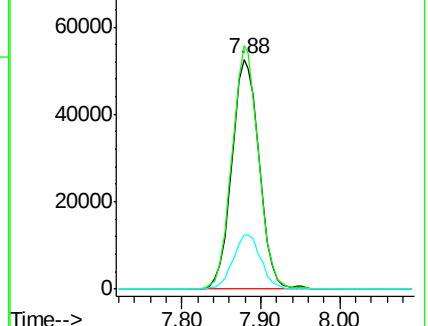
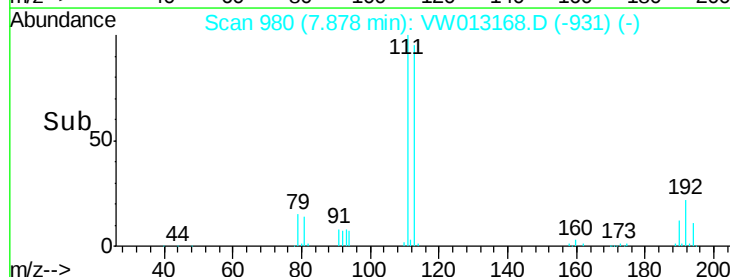
192 24.1 17.8 26.8

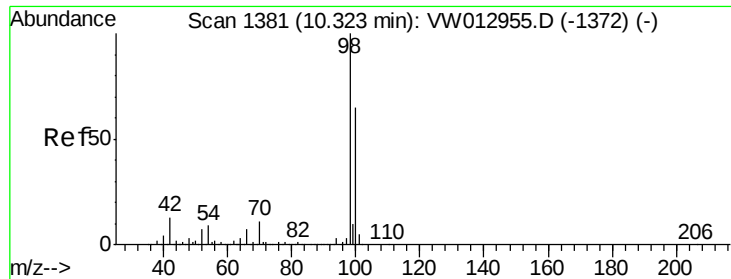


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.443 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013168.D

Acq: 19 Sep 2019 18:18

Instrument :

MSVOA_W

ClientSampleId :

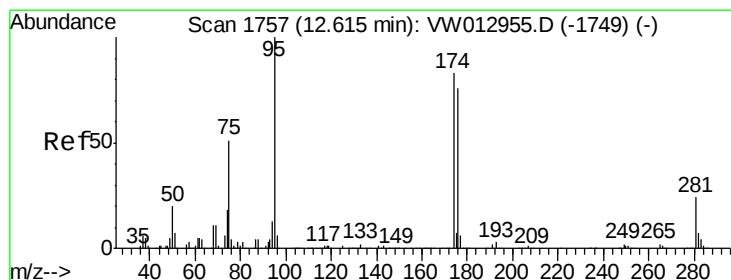
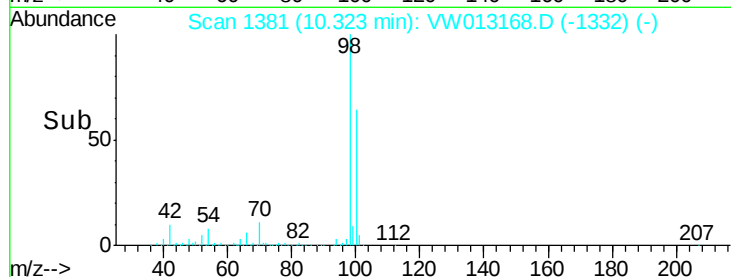
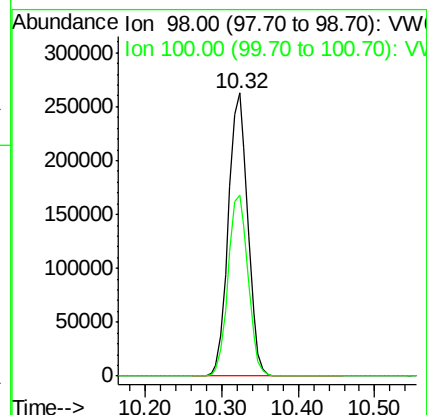
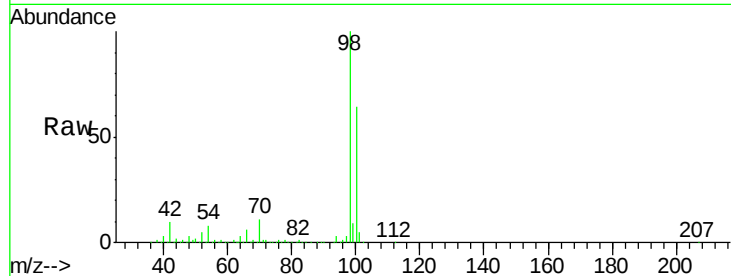
CSA-2-3-2

Tot Ion: 98 Resp: 461098

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 22.398 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013168.D

Acq: 19 Sep 2019 18:18

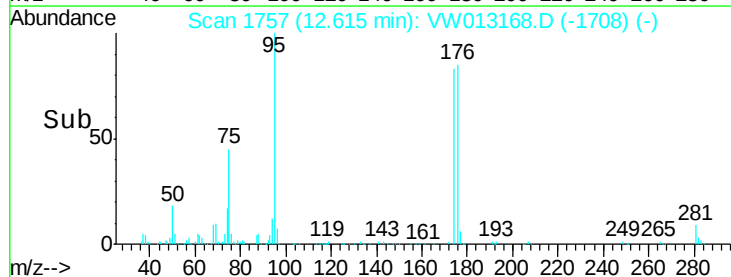
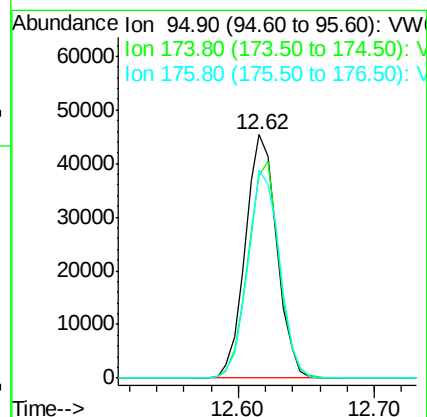
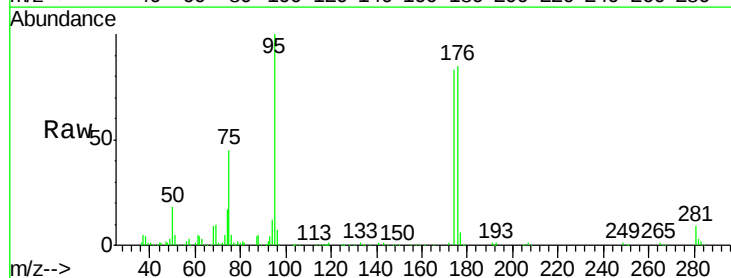
Tgt Ion: 95 Resp: 73619

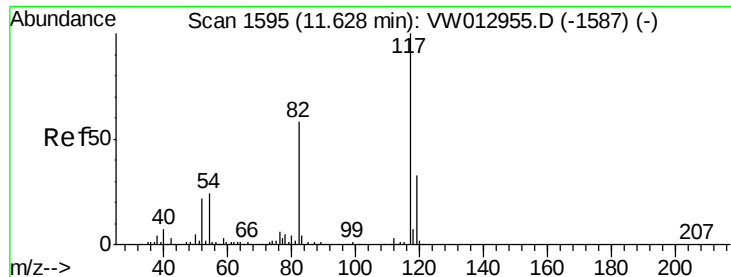
Ion Ratio Lower Upper

95 100

174 88.1 0.0 170.4

176 86.4 0.0 164.6

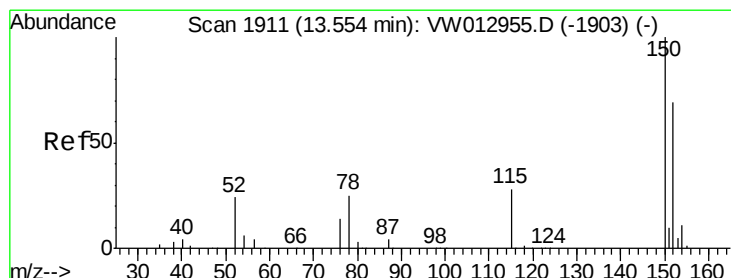
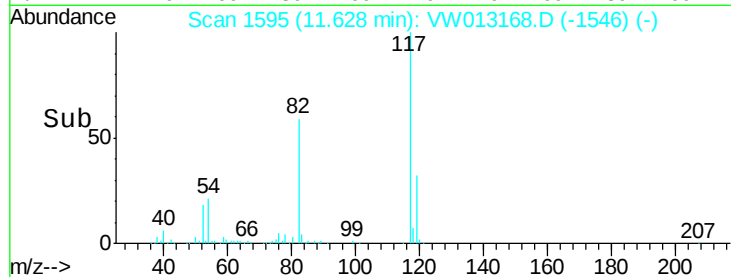
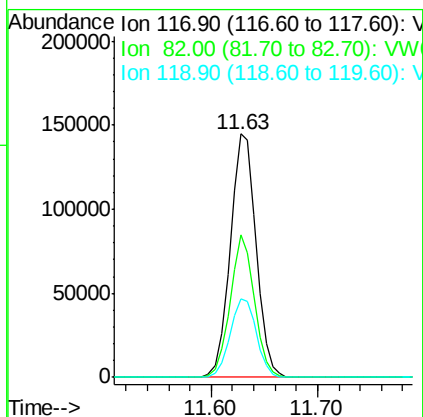
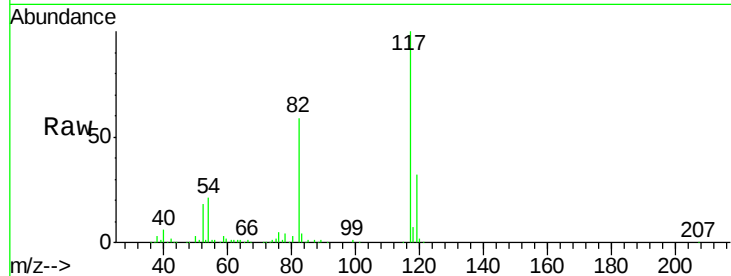




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013168.D
Acq: 19 Sep 2019 18:18

Instrument :
MSVOA_W
ClientSampleId :
CSA-2-3-2

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.6	46.3	69.5
119	32.1	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013168.D
Acq: 19 Sep 2019 18:18

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.4
150	157.9	0.0	340.2

