

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013162.D
 Acq On : 19 Sep 2019 15:43
 Operator : SY/VA
 Sample : K4825-05RE
 Misc : 4.50G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-1-1RE

Quant Time: Sep 20 08:44:07 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	310852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	471287	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	97474	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	140781	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
35) Dibromofluoromethane	7.88	113	135014	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	
50) Toluene-d8	10.32	98	499250	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	12.62	95	121306	33.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.42%	

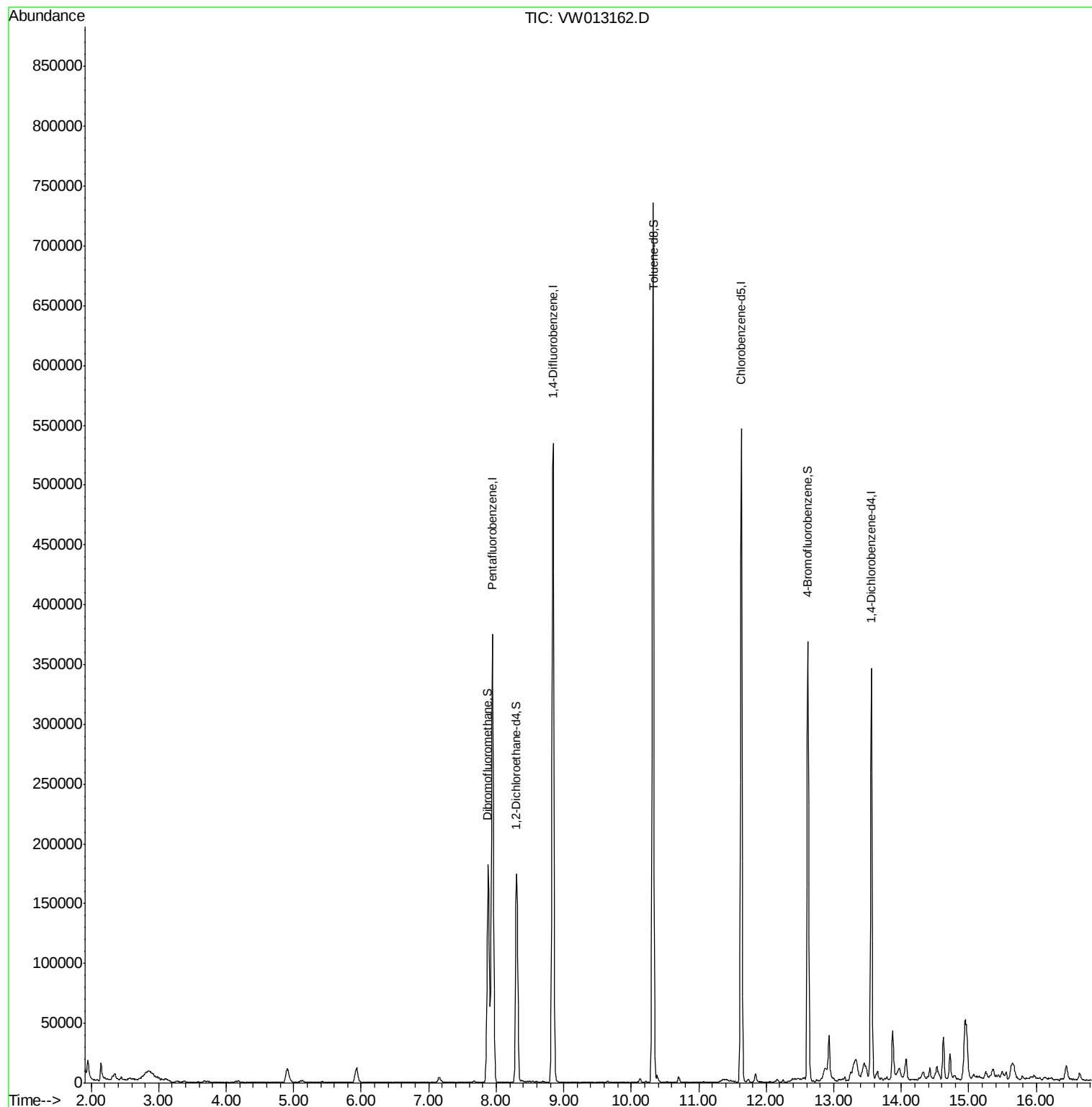
Target Compounds	Qvalue

(#) = 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: VW013162.D

Acq: 19 Sep 2019 15:43

Instrument :

MSVOA_W

ClientSampleId :

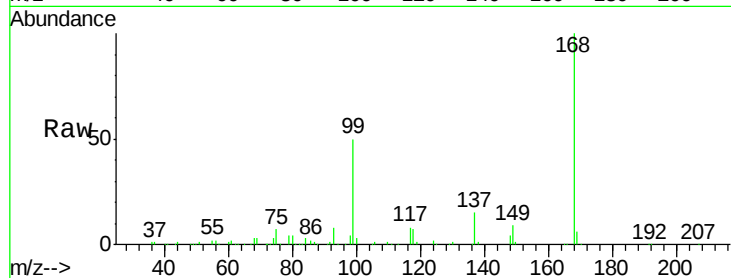
CSA-4-1-1RE

Tot Ion:168 Resp: 310852

Ion Ratio Lower Upper

168 100

99 50.4 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

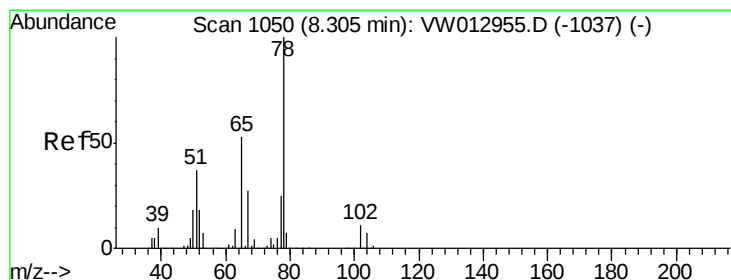
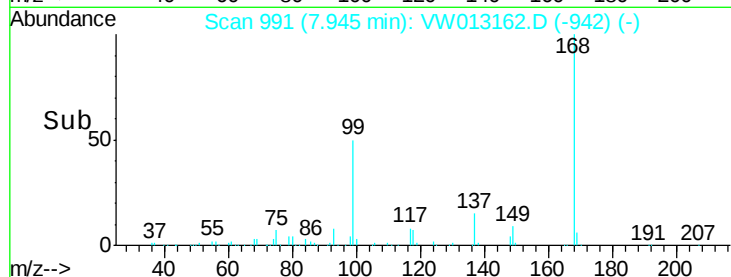
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.037 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013162.D

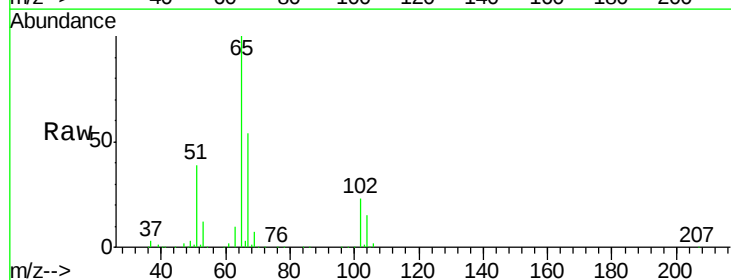
Acq: 19 Sep 2019 15:43

Tgt Ion: 65 Resp: 140781

Ion Ratio Lower Upper

65 100

67 53.9 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

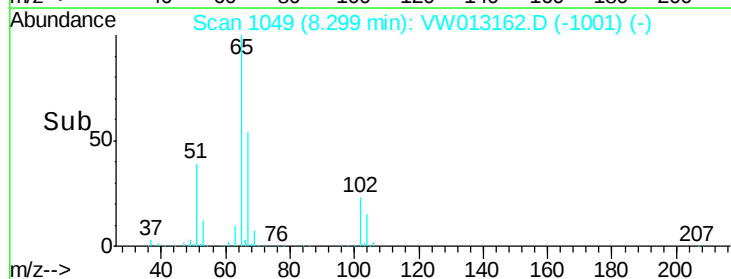
60000

40000

20000

0

Time-->

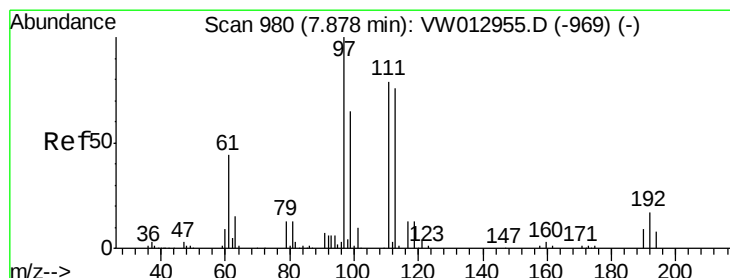
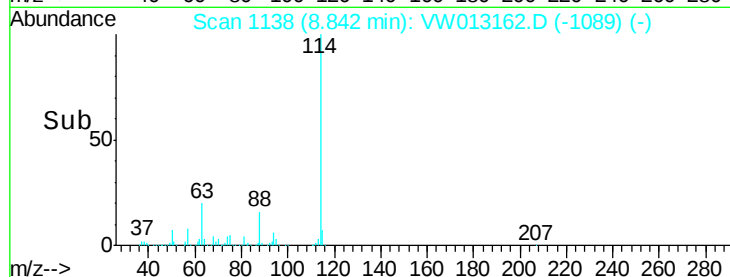
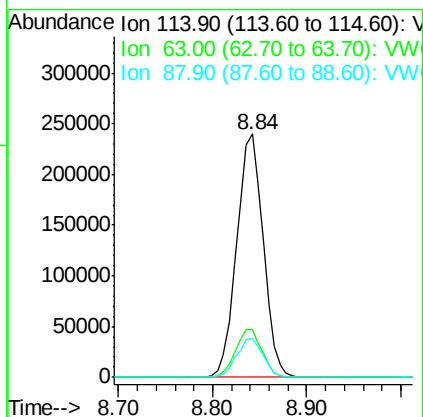
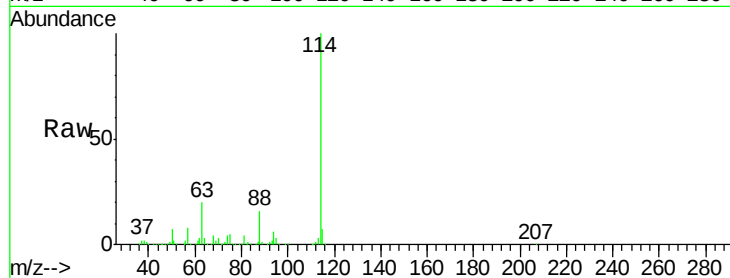




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013162.D
Acq: 19 Sep 2019 15:43

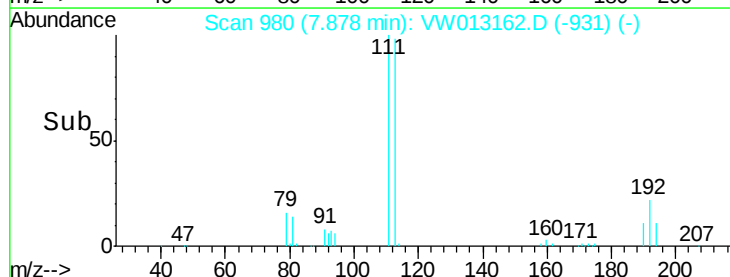
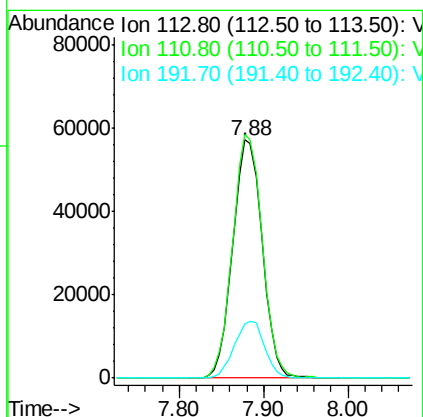
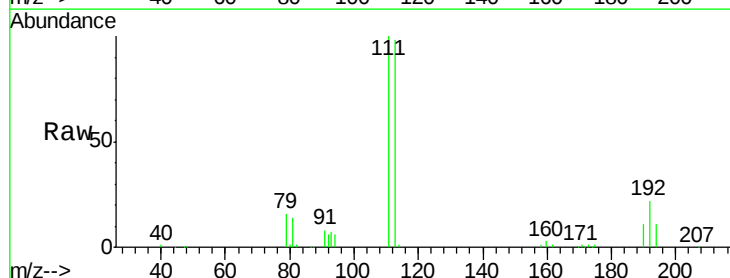
Instrument :
MSVOA_W
ClientSampleId :
CSA-4-1-1RE

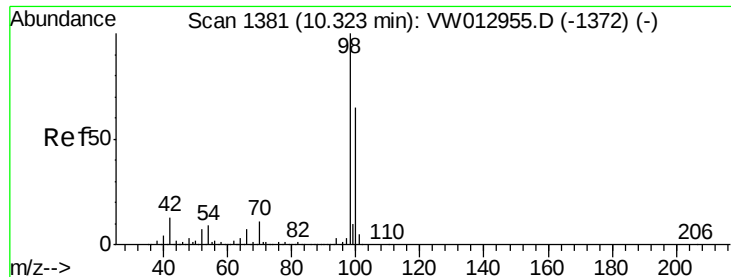
Tot Ion:114 Resp: 471287
Ion Ratio Lower Upper
114 100
63 19.9 0.0 43.4
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.796 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013162.D
Acq: 19 Sep 2019 15:43

Tgt Ion:113 Resp: 135014
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 24.3 17.8 26.8





#50

Toluene-d8

Concen: 49.891 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013162.D

Acq: 19 Sep 2019 15:43

Instrument :

MSVOA_W

ClientSampleId :

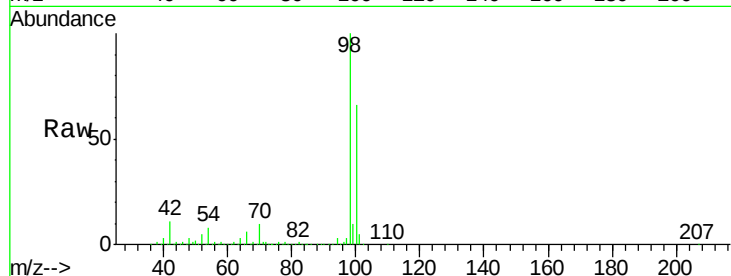
CSA-4-1-1RE

Tot Ion: 98 Resp: 499250

Ion Ratio Lower Upper

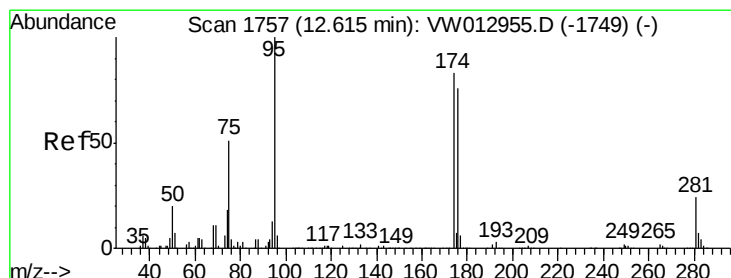
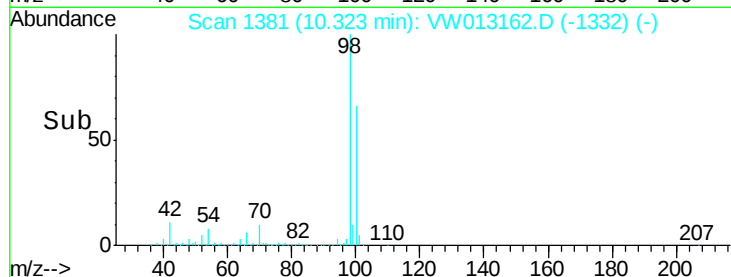
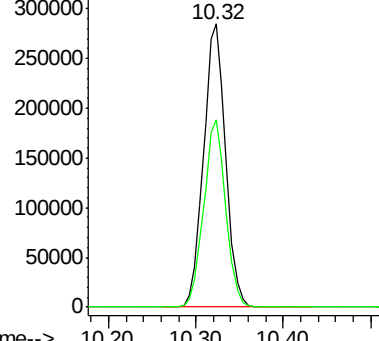
98 100

100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 33.713 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013162.D

Acq: 19 Sep 2019 15:43

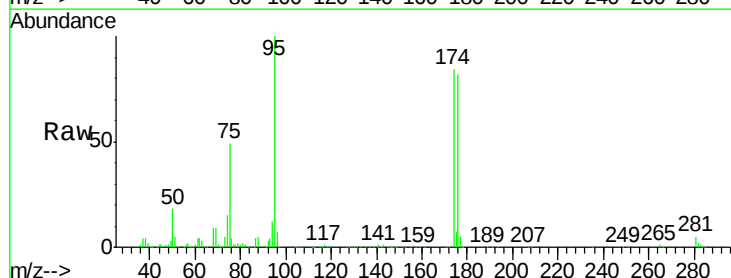
Tgt Ion: 95 Resp: 121306

Ion Ratio Lower Upper

95 100

174 89.7 0.0 170.4

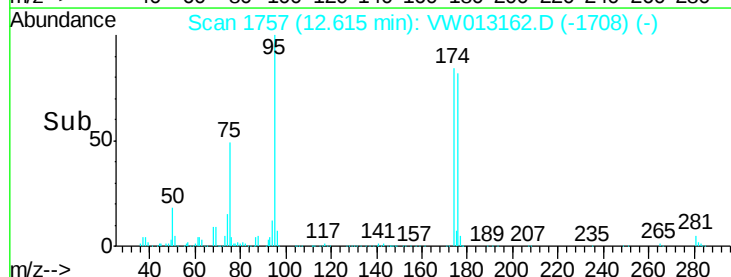
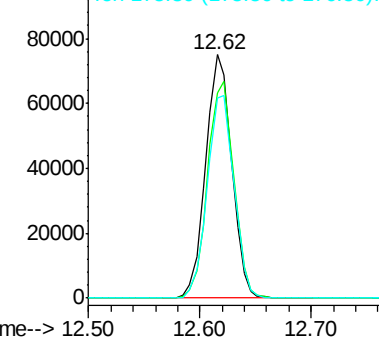
176 85.5 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

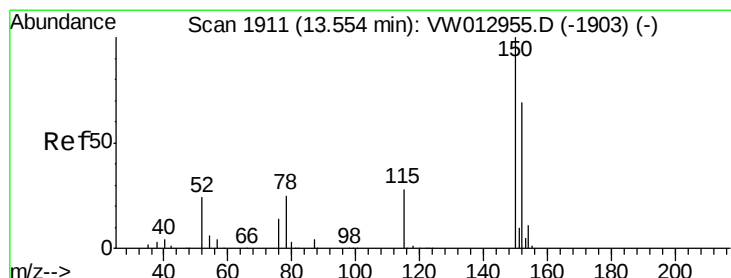
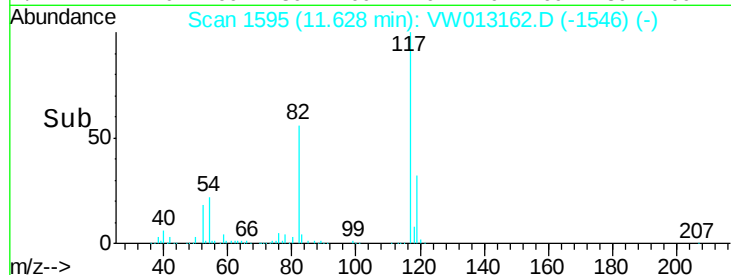
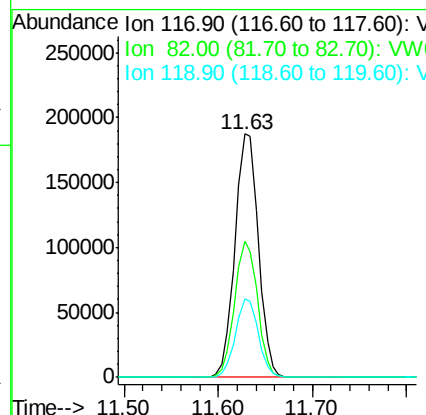
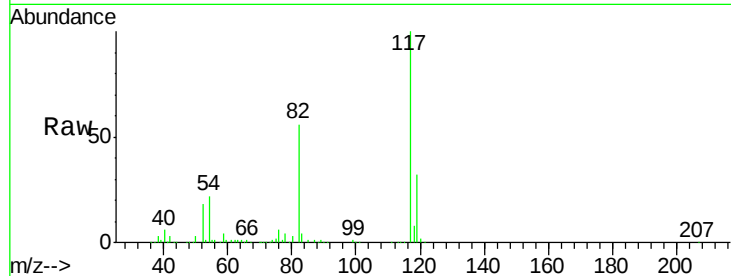




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013162.D
Acq: 19 Sep 2019 15:43

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-1-1RE

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	46.3	69.5
119	32.0	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: VW013162.D
Acq: 19 Sep 2019 15:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.4	28.8	86.4
150	155.1	0.0	340.2

