

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013165.D
 Acq On : 19 Sep 2019 17:01
 Operator : SY/VA
 Sample : K4825-10
 Misc : 4.68G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-2-1

Quant Time: Sep 20 08:48:13 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	307394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	475920	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	337794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100359	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	137789	48.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.06%	
35) Dibromofluoromethane	7.88	113	132948	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.32	98	505851	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	12.61	95	124763	34.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.68%	

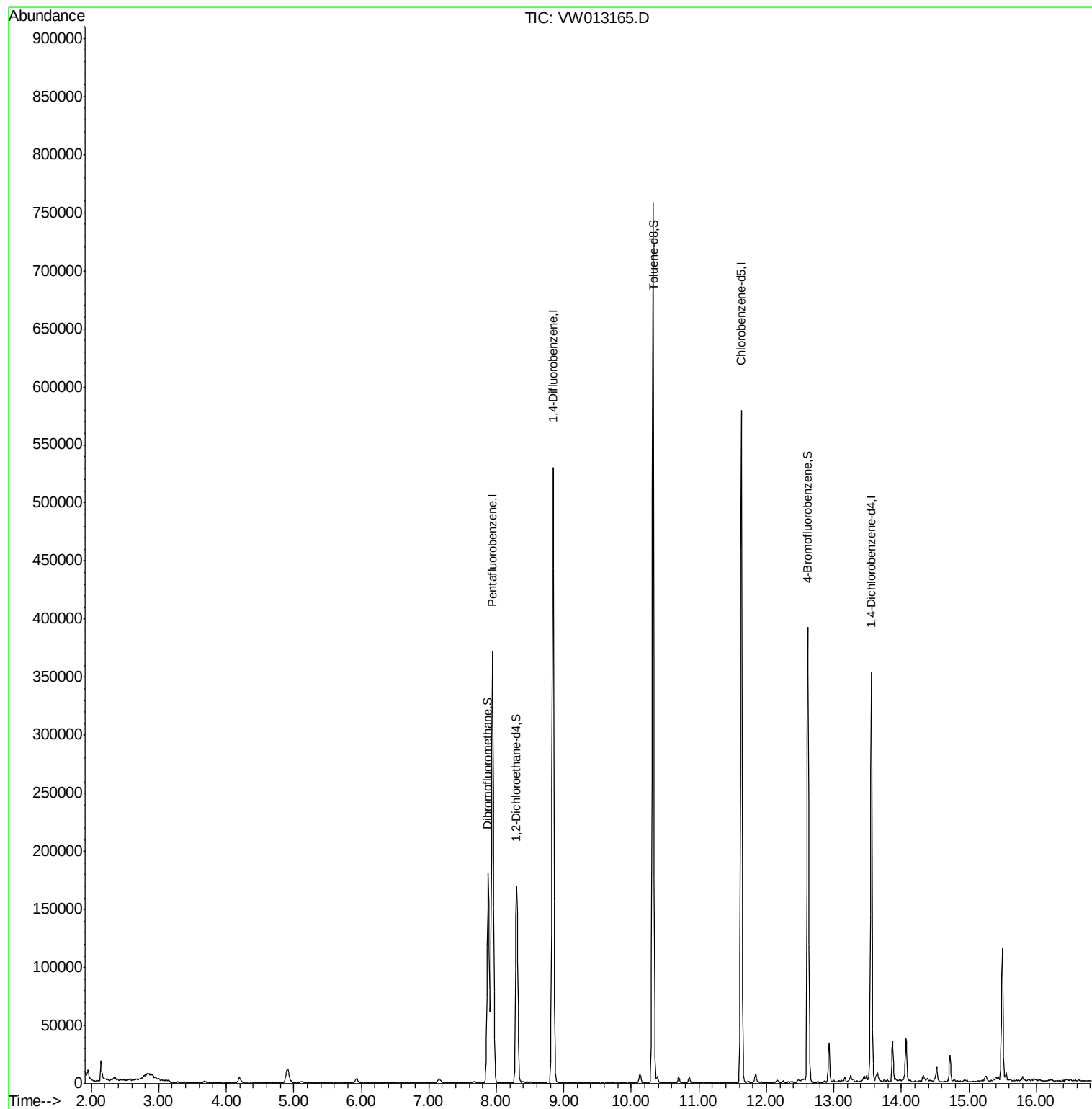
Target Compounds	Qvalue

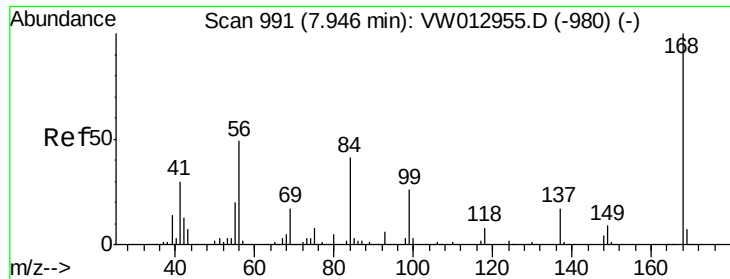
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013165.D

Acq: 19 Sep 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

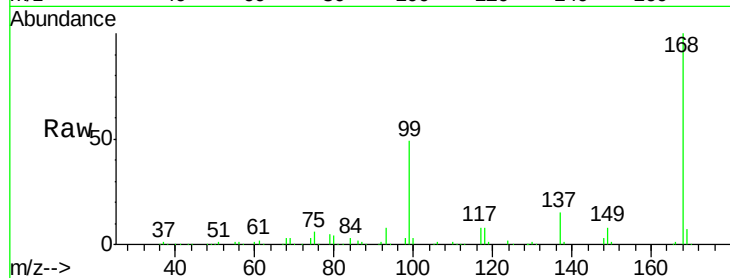
CSA-4-2-1

Tot Ion:168 Resp: 307394

Ion Ratio Lower Upper

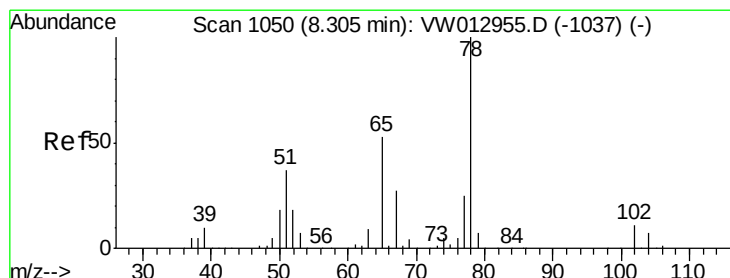
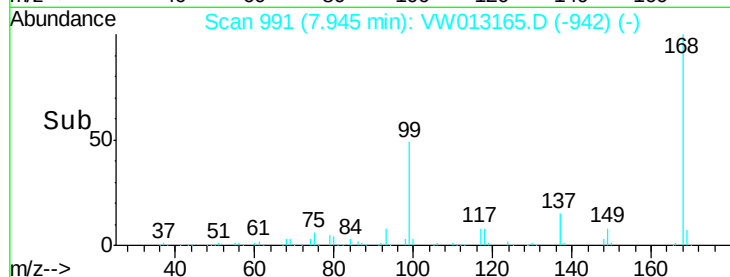
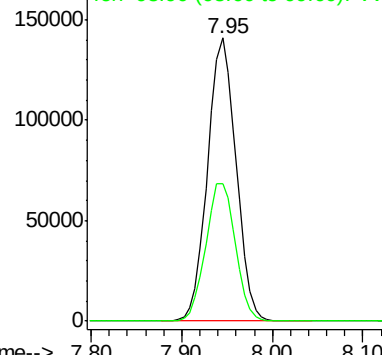
168 100

99 48.5 46.2 69.2



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: 48.534 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013165.D

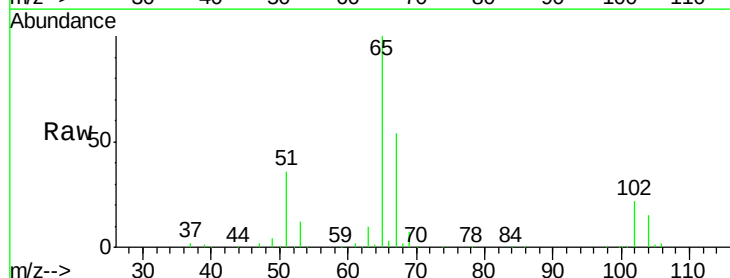
Acq: 19 Sep 2019 17:01

Tgt Ion: 65 Resp: 137789

Ion Ratio Lower Upper

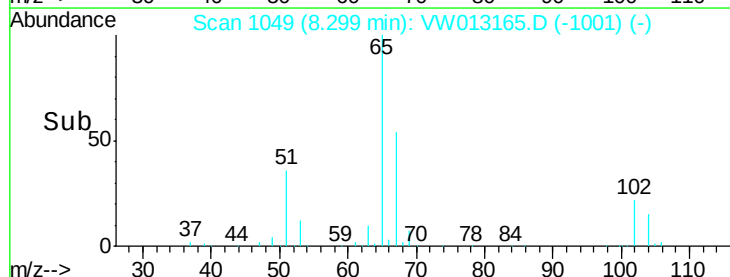
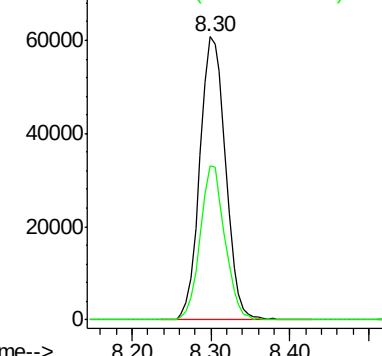
65 100

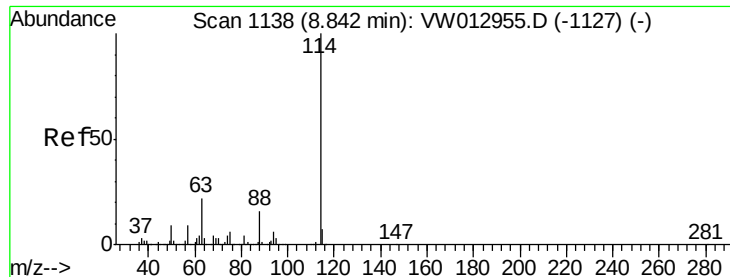
67 52.4 0.0 101.2



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: VW013165.D

Acq: 19 Sep 2019 17:01

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-2-1

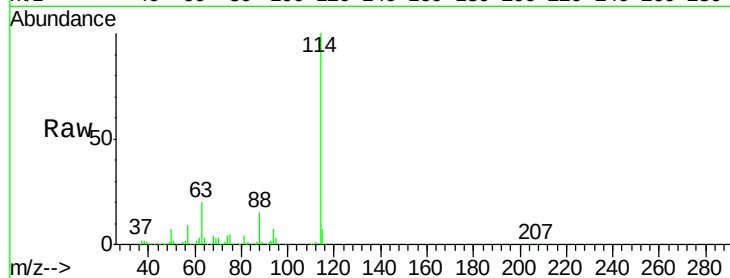
Tot Ion:114 Resp: 475920

Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.4

88 14.9 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

300000

250000

200000

150000

100000

50000

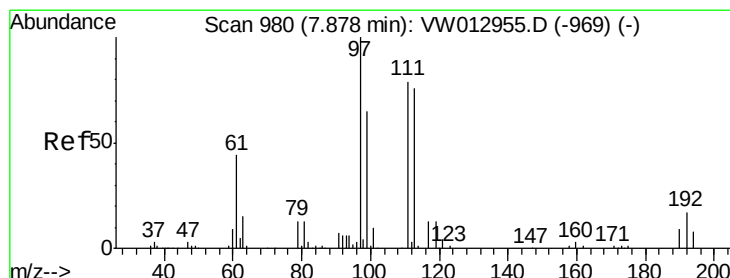
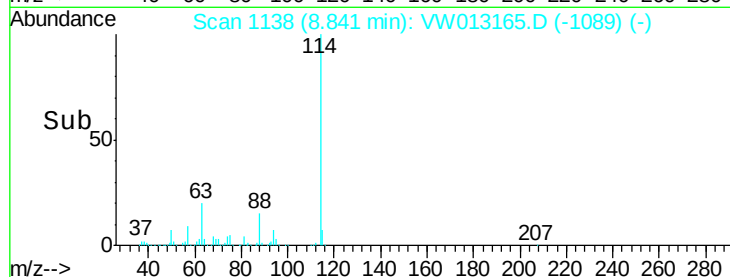
0

8.80

8.84

8.90

Time-->



#35

Dibromofluoromethane

Concen: 51.482 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013165.D

Acq: 19 Sep 2019 17:01

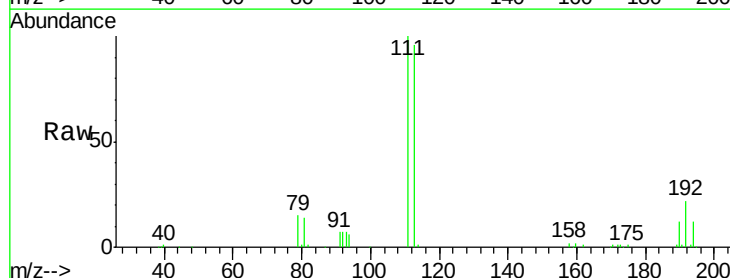
Tgt Ion:113 Resp: 132948

Ion Ratio Lower Upper

113 100

111 102.9 82.8 124.2

192 23.5 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

80000

60000

40000

20000

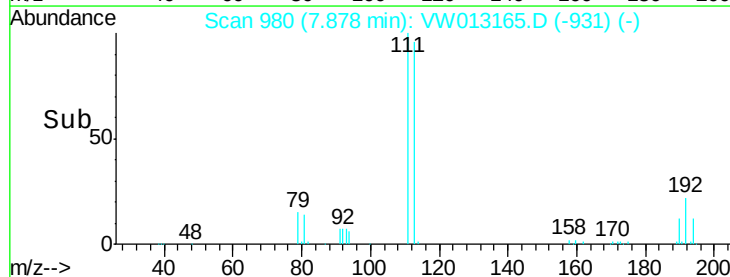
0

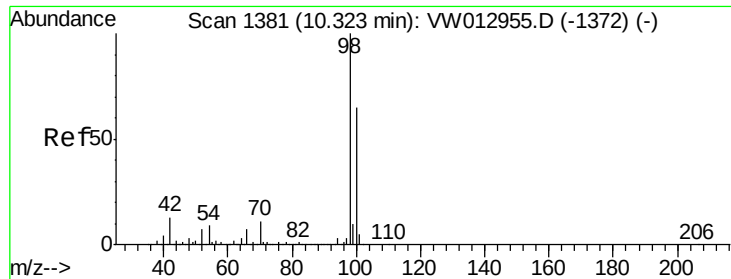
7.80

7.88

8.00

Time-->

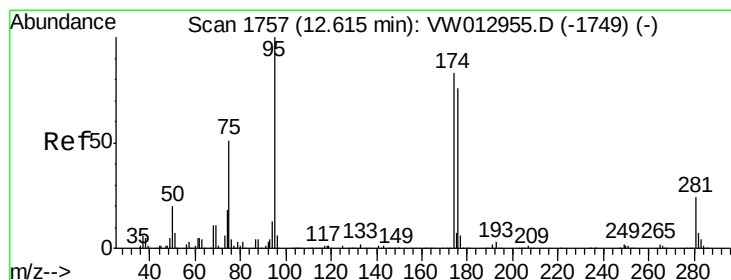
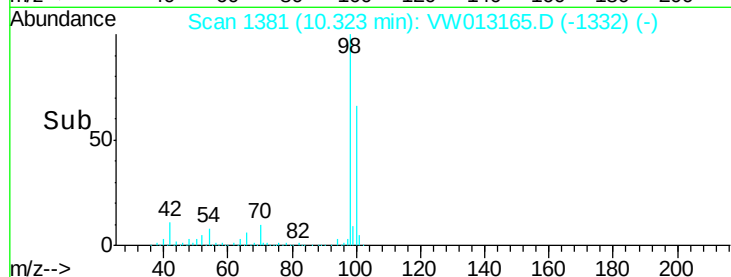
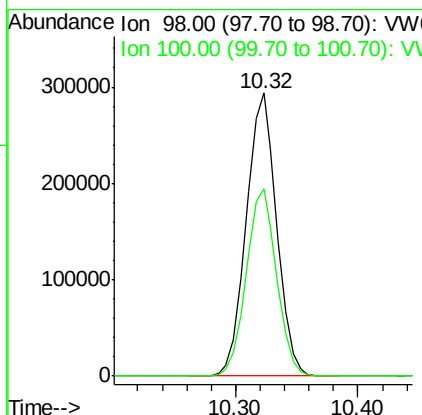
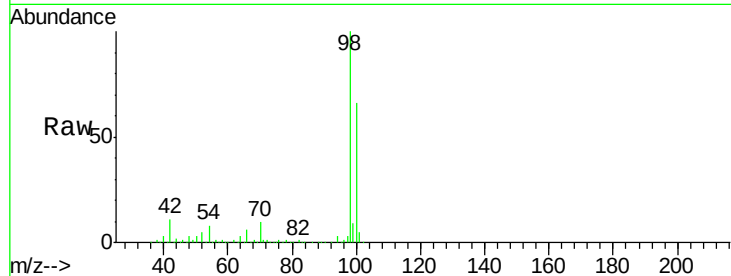




#50
Toluene-d8
Concen: 50.058 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013165.D
Acq: 19 Sep 2019 17:01

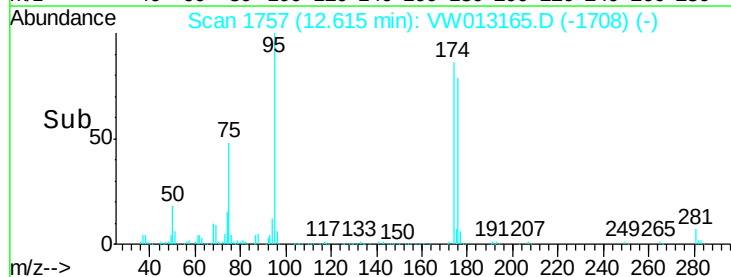
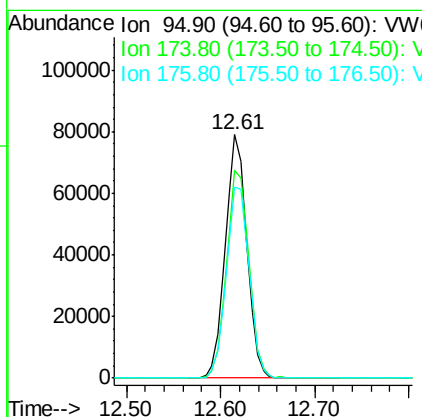
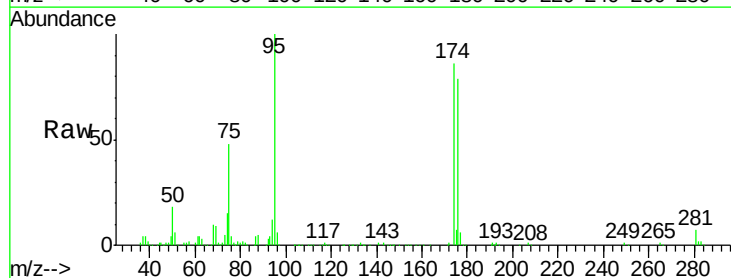
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CSA-4-2-1

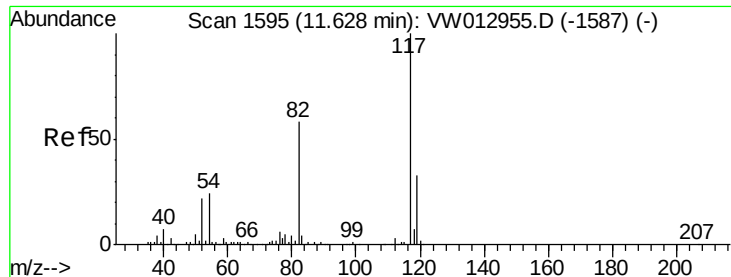
Tot Ion: 98 Resp: 505851
Ion Ratio Lower Upper
98 100
100 66.2 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 34.336 ug/l
RT: 12.61 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013165.D
Acq: 19 Sep 2019 17:01

Tgt Ion: 95 Resp: 124763
Ion Ratio Lower Upper
95 100
174 89.5 0.0 170.4
176 83.7 0.0 164.6

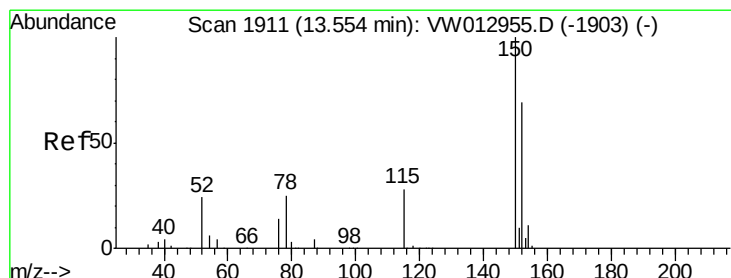
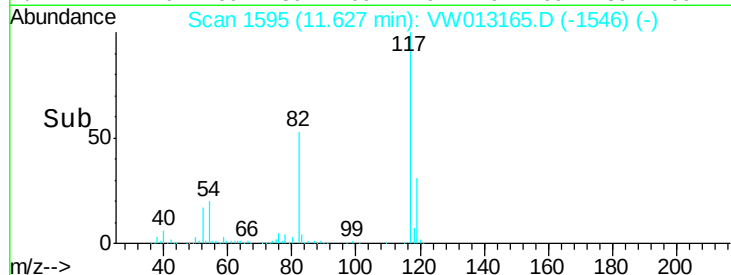
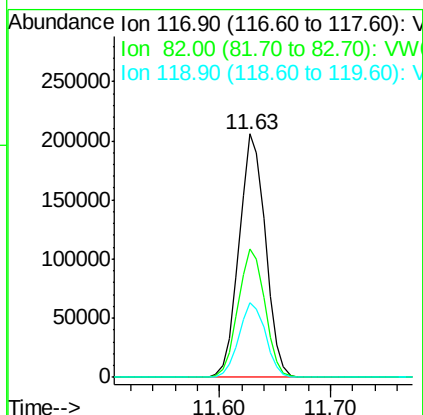
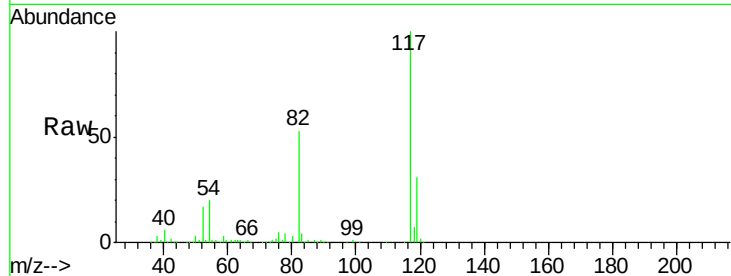




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013165.D
Acq: 19 Sep 2019 17:01

Instrument :
MSVOA_W
ClientSampled :
CSA-4-2-1

Tot Ion:117 Resp: 337794
Ion Ratio Lower Upper
117 100
82 52.7 46.3 69.5
119 30.5 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: VW013165.D
Acq: 19 Sep 2019 17:01

Tgt Ion:152 Resp: 100359
Ion Ratio Lower Upper
152 100
115 55.5 28.8 86.4
150 157.6 0.0 340.2

