

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091819\
 Data File : VW013145.D
 Acq On : 19 Sep 2019 06:41
 Operator : SY/VA
 Sample : K4825-05
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 46 Sample Multiplier: 1

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

Quant Time: Sep 19 09:50:31 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	346819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	534423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	100585	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	155601	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	7.88	113	151037	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
50) Toluene-d8	10.32	98	569535	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
62) 4-Bromofluorobenzene	12.62	95	136403	33.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.86%	

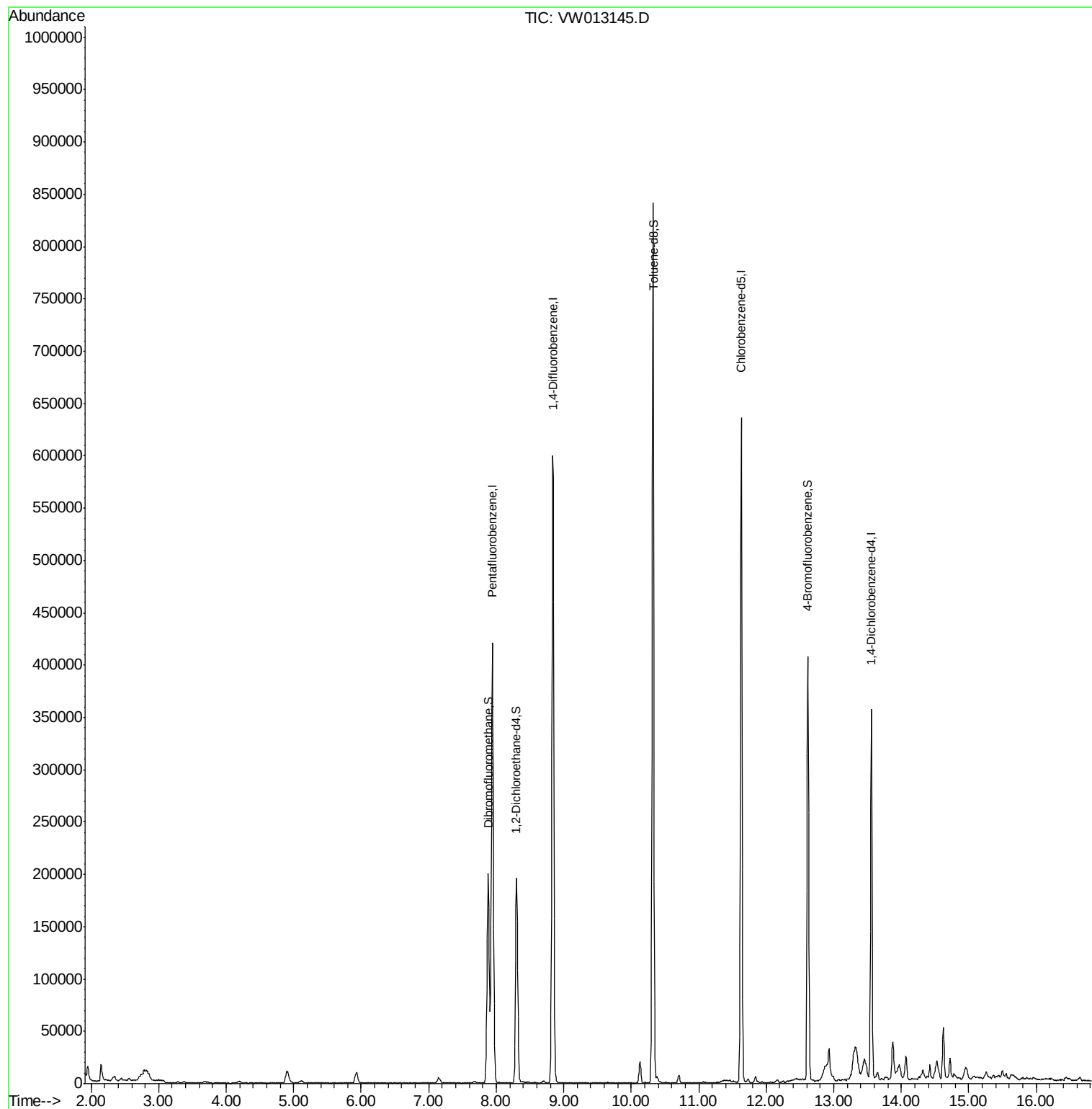
Target Compounds	Qvalue

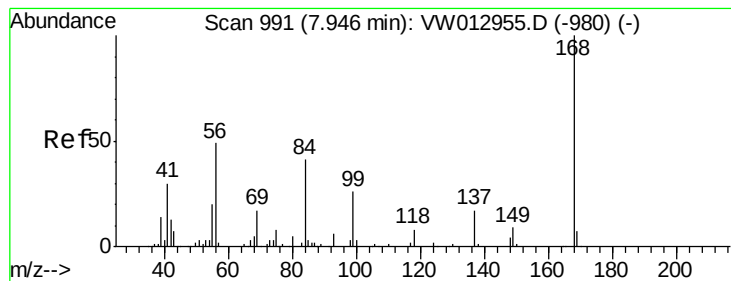
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013145.D

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Instrument :

MSVOA_W

ClientSampleId :

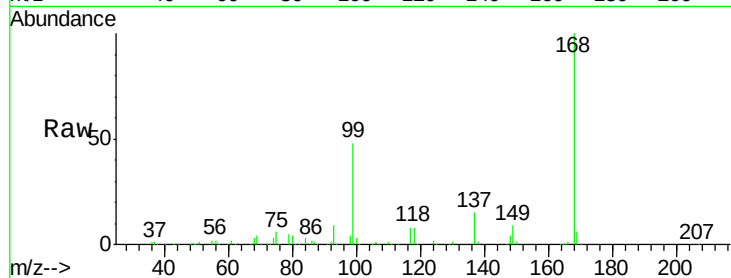
CSA-4-1-1

Tot Ion:168 Resp: 346819

Ion Ratio Lower Upper

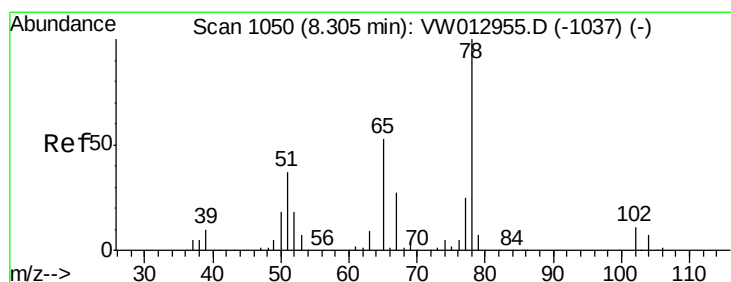
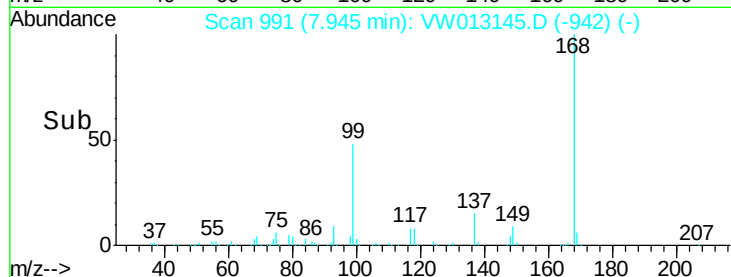
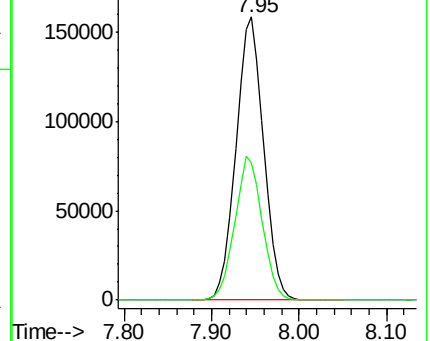
168 100

99 48.4 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 48.578 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013145.D

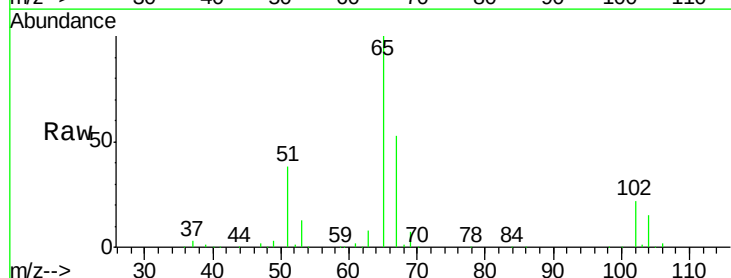
Acq: 19 Sep 2019 06:41

Tgt Ion: 65 Resp: 155601

Ion Ratio Lower Upper

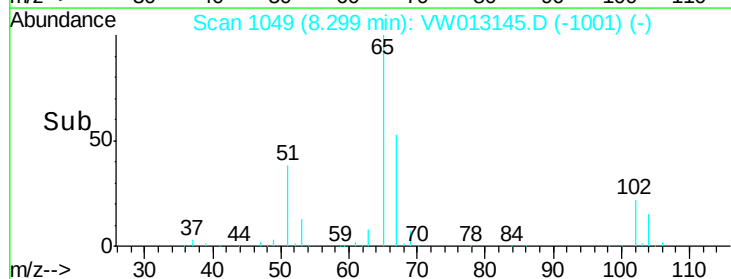
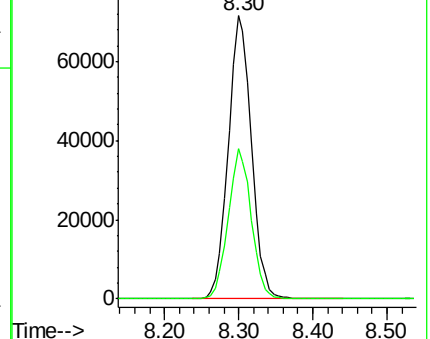
65 100

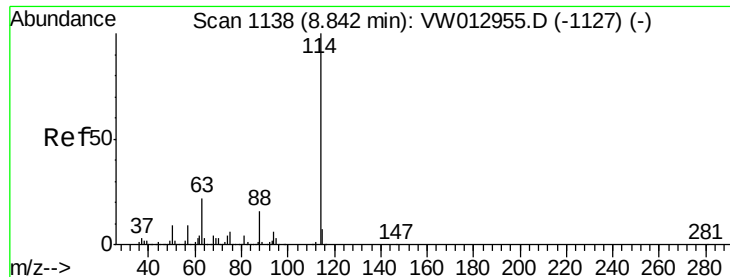
67 52.7 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

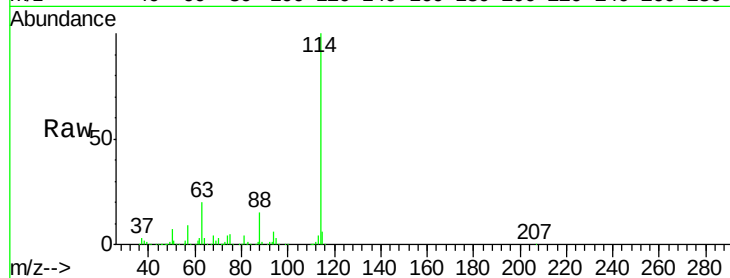




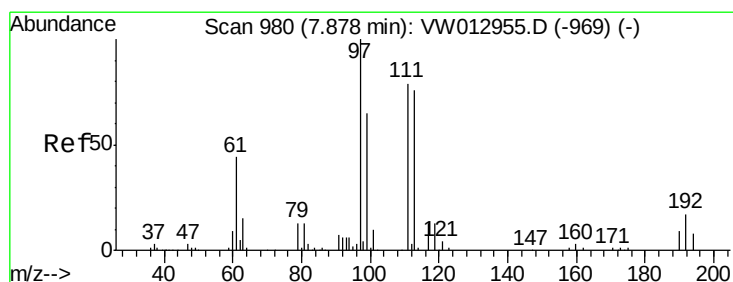
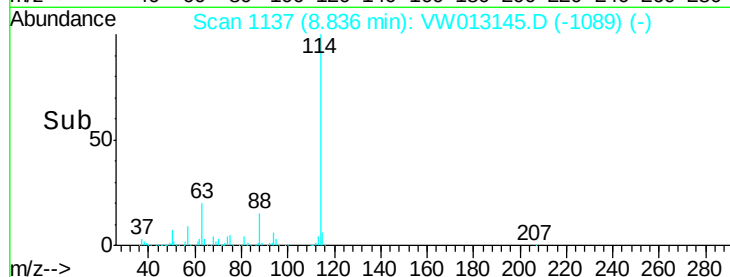
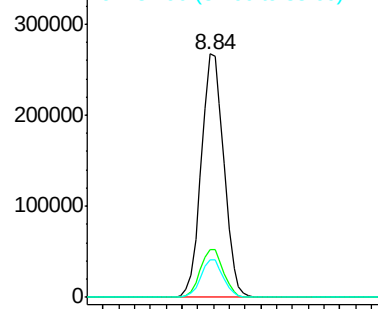
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013145.D
 Acq: 19 Sep 2019 06:41

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

Tot Ion:114 Resp: 534423
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 43.4
 88 15.5 0.0 31.6

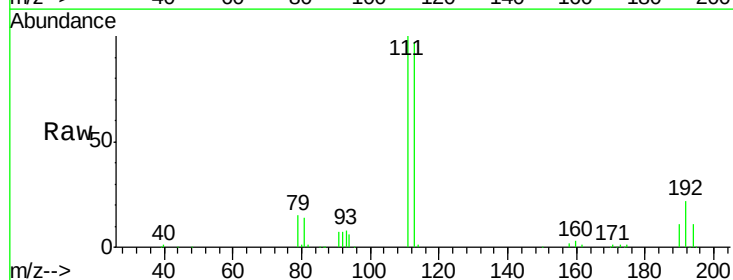


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

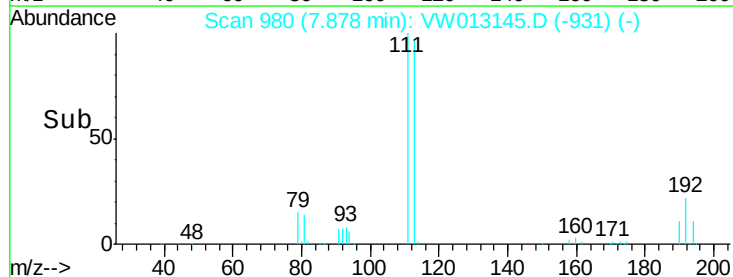
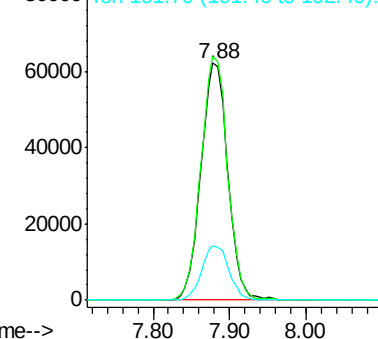


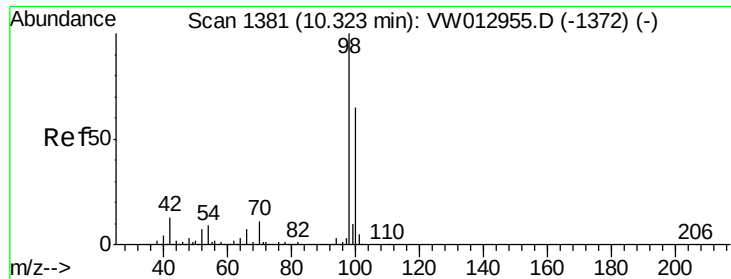
#35
 Dibromofluoromethane
 Concen: 52.085 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013145.D
 Acq: 19 Sep 2019 06:41

Tgt Ion:113 Resp: 151037
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.8 124.2
 192 23.2 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

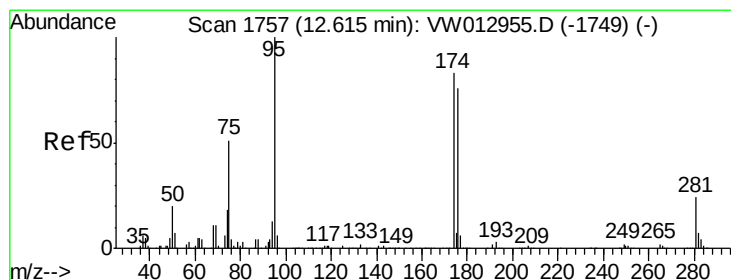
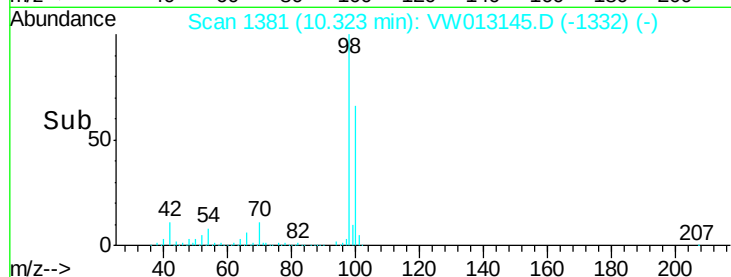
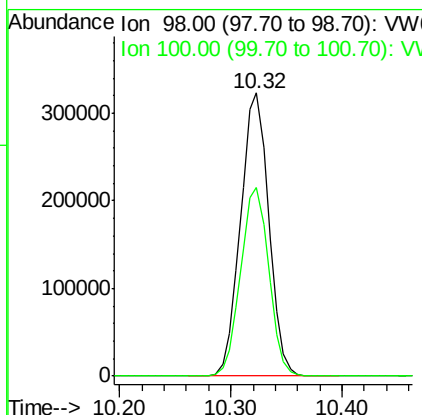
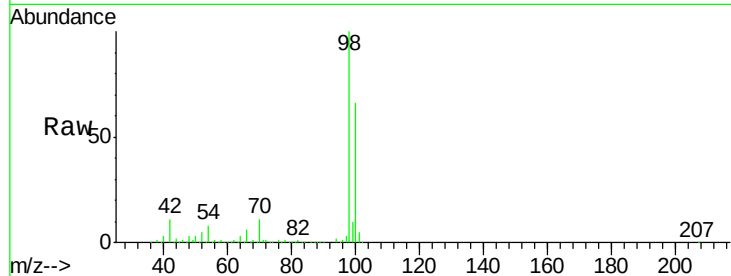




#50
Toluene-d8
Concen: 50.191 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013145.D
Acq: 19 Sep 2019 06:41

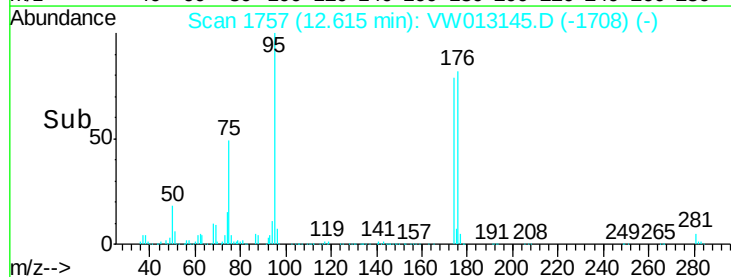
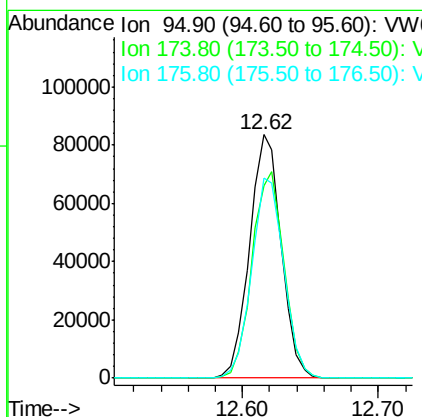
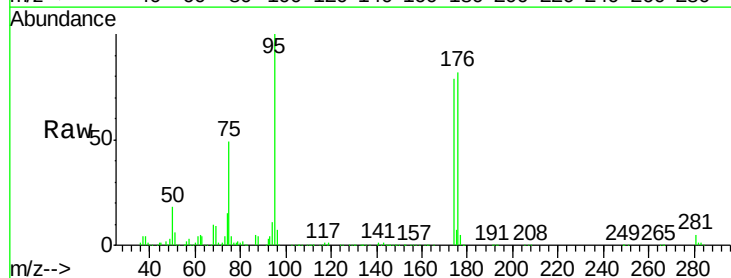
Instrument :
MSVOA_W
ClientSampleId :
CSA-4-1-1

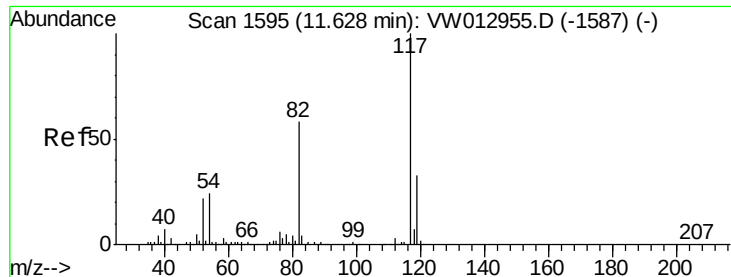
Tot Ion: 98 Resp: 569535
Ion Ratio Lower Upper
98 100
100 66.6 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 33.430 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013145.D
Acq: 19 Sep 2019 06:41

Tgt Ion: 95 Resp: 136403
Ion Ratio Lower Upper
95 100
174 85.7 0.0 170.4
176 83.6 0.0 164.6

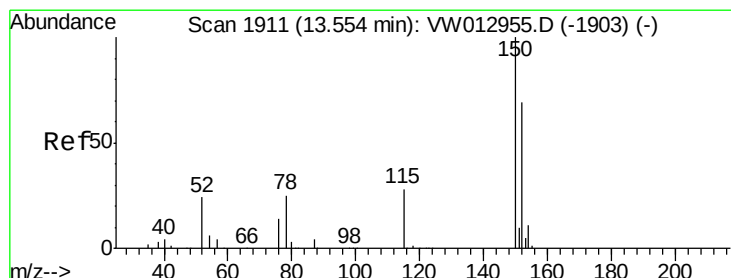
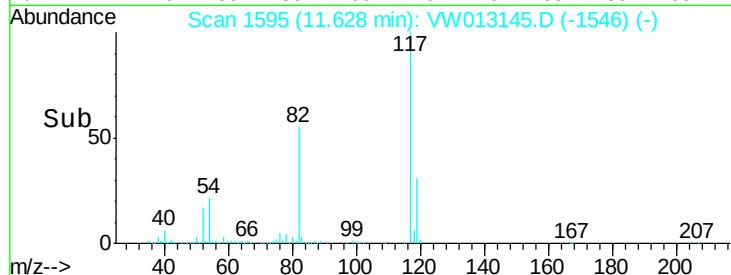
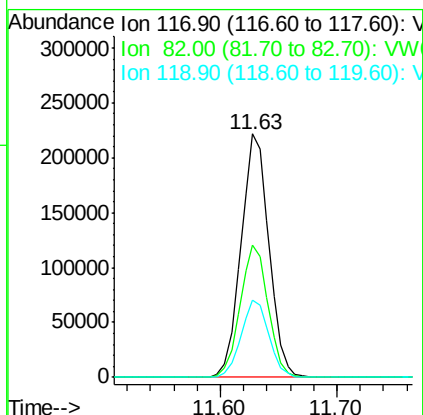
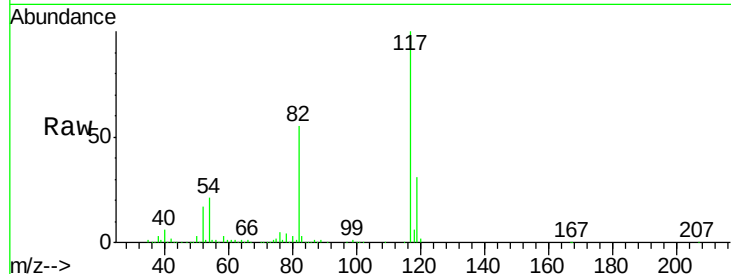




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013145.D
Acq: 19 Sep 2019 06:41

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.5	46.3	69.5
119	31.5	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: VW013145.D
Acq: 19 Sep 2019 06:41

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.8	86.4
150	158.6	0.0	340.2

