

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013167.D
 Acq On : 19 Sep 2019 17:52
 Operator : SY/VA
 Sample : K4877-05
 Misc : 6.73G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Sep 20 08:52:23 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

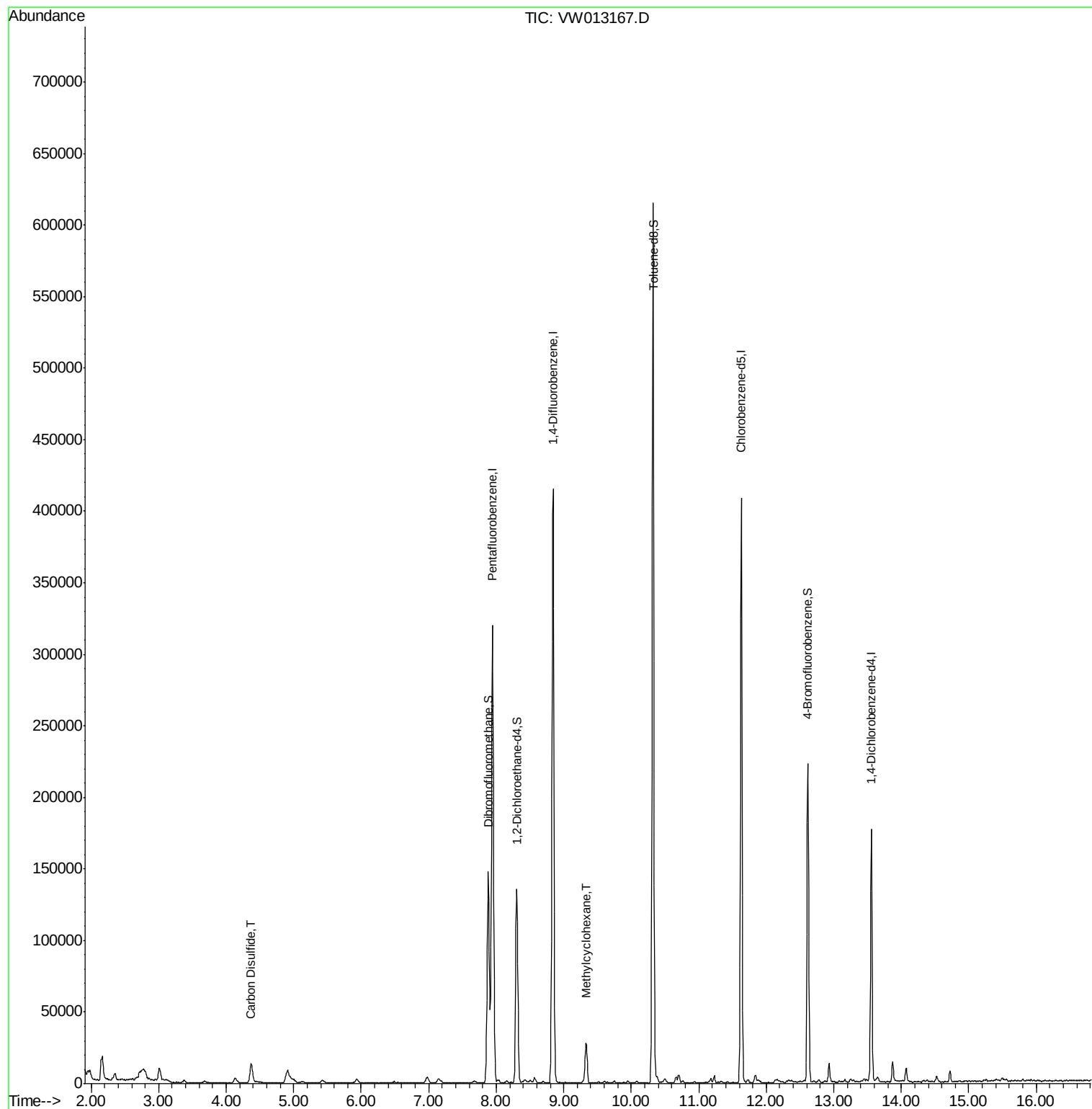
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	361251	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	235871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	49083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	107167	45.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.88%	
35) Dibromofluoromethane	7.88	113	108801	55.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.02%	
50) Toluene-d8	10.32	98	406031	52.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.62	95	74443	26.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.98%	
Target Compounds						
17) Carbon Disulfide	4.37	76	30083	8.565	ug/l	97
39) Methylcyclohexane	9.34	83	11804	3.732	ug/l	90

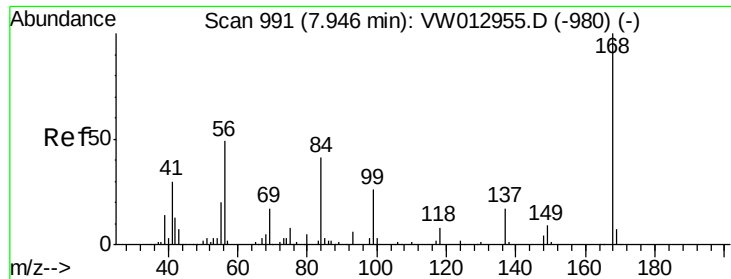
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW091919\
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QLast Update : Fri Sep 13 17:26:01 2019
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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: VW013167.D

Acq: 19 Sep 2019 17:52

Instrument :

MSVOA_W

ClientSampleId :

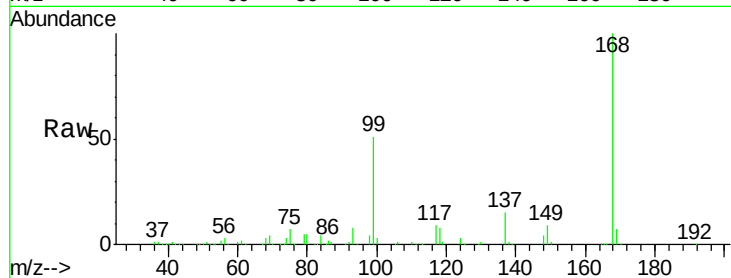
CSA-2-2-3

Tot Ion:168 Resp: 255335

Ion Ratio Lower Upper

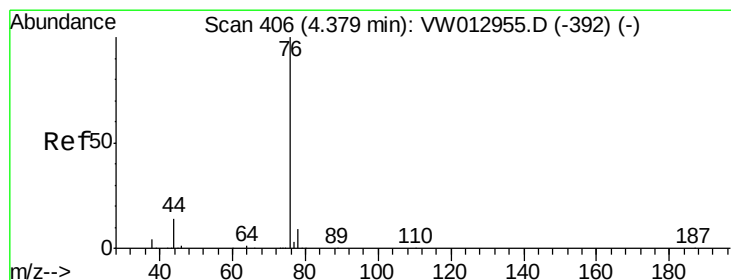
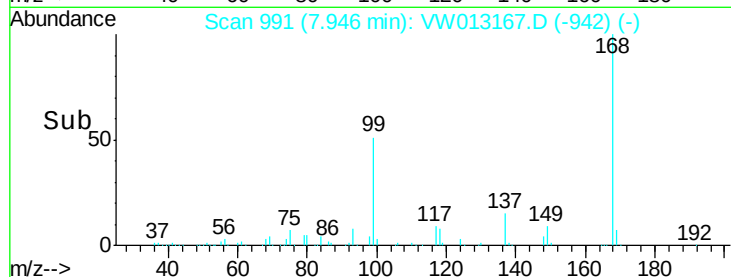
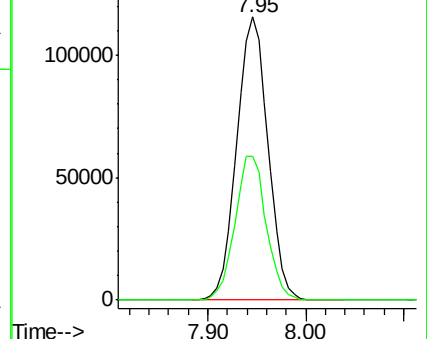
168 100

99 50.7 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#17

Carbon Disulfide

Concen: 8.565 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW013167.D

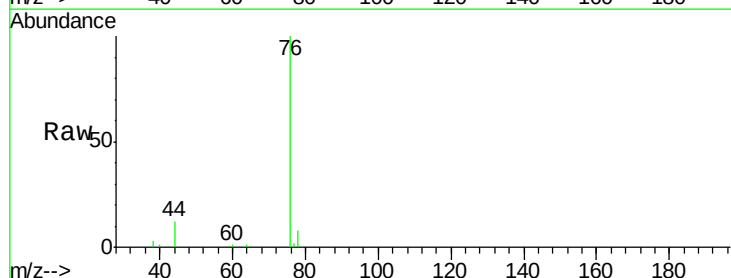
Acq: 19 Sep 2019 17:52

Tgt Ion: 76 Resp: 30083

Ion Ratio Lower Upper

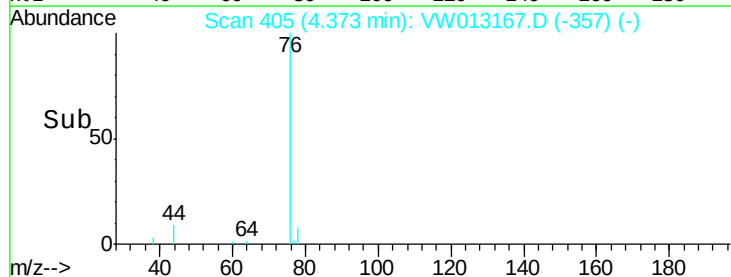
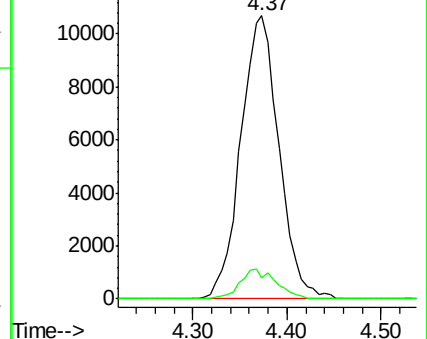
76 100

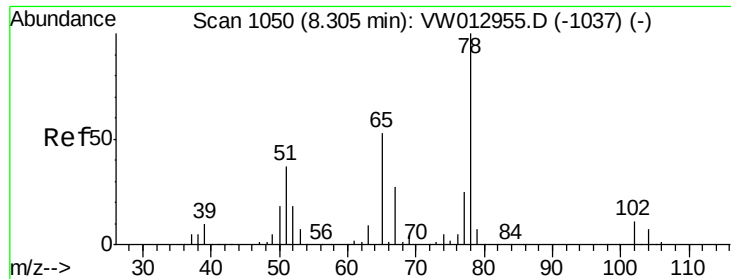
78 7.6 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW

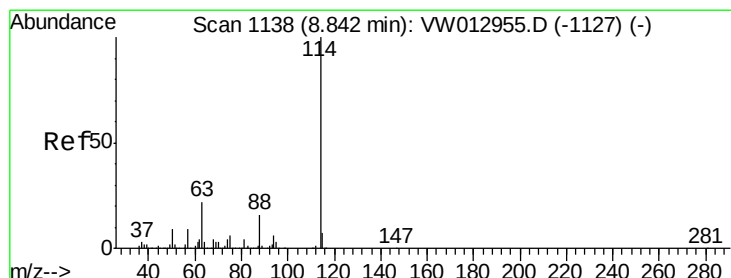
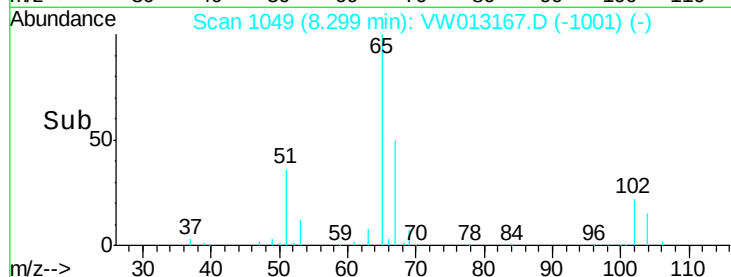
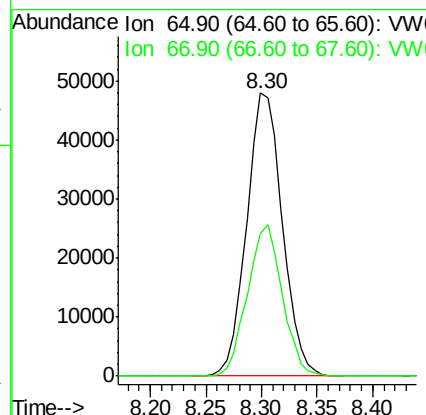
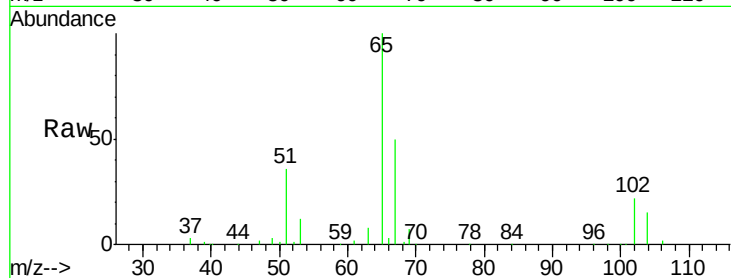




#33
 1,2-Dichloroethane-d4
 Concen: 45.444 ug/l
 RT: 8.30 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VW013167.D
 Acq: 19 Sep 2019 17:52

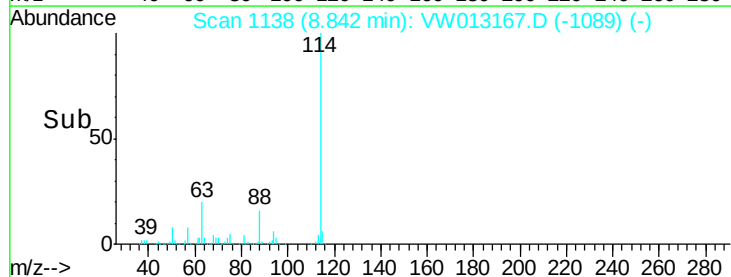
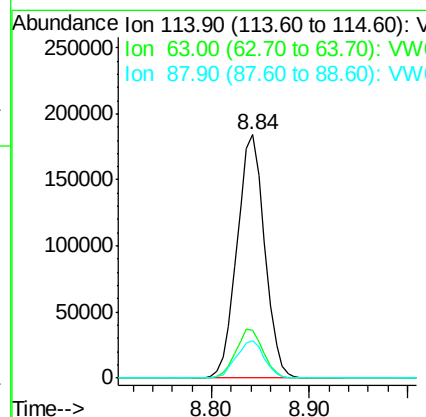
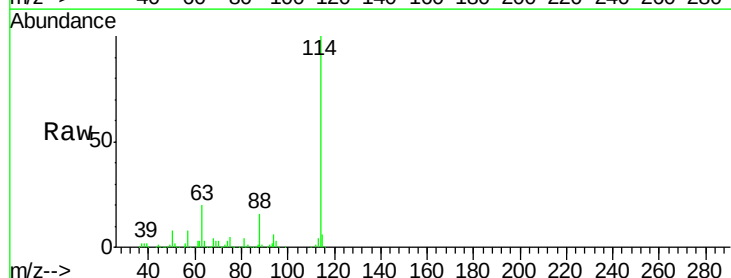
Instrument :
 MSVOA_W
 ClientSampled :
 CSA-2-2-3

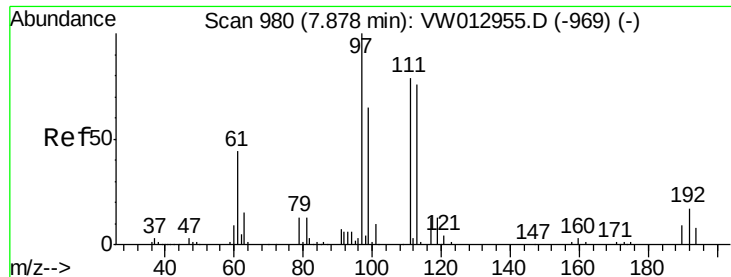
Tot Ion: 65 Resp: 107167
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013167.D
 Acq: 19 Sep 2019 17:52

Tgt Ion: 114 Resp: 361251
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 43.4
 88 15.5 0.0 31.6

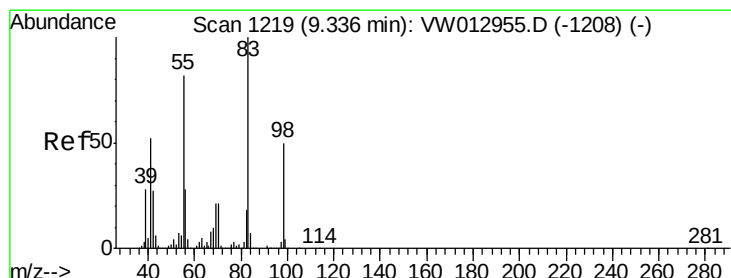
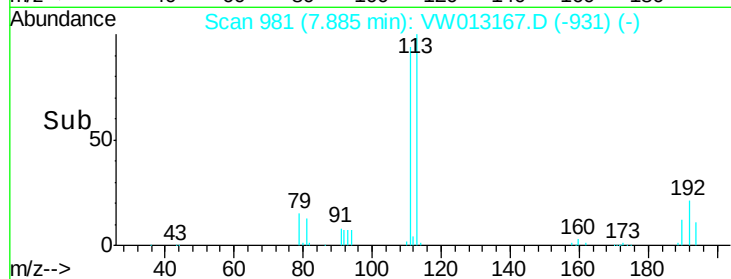
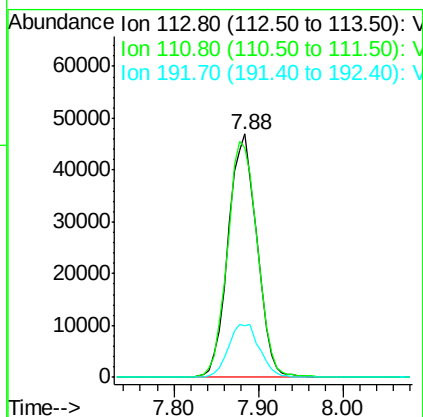
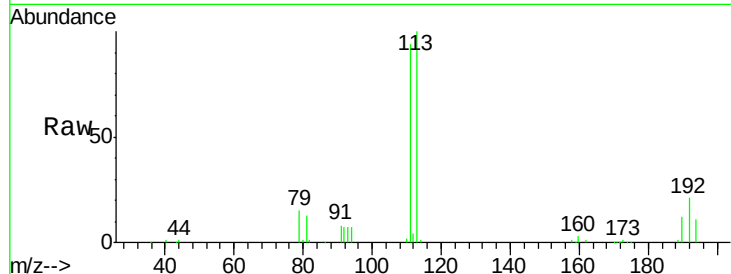




#35
 Dibromofluoromethane
 Concen: 55.505 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013167.D
 Acq: 19 Sep 2019 17:52

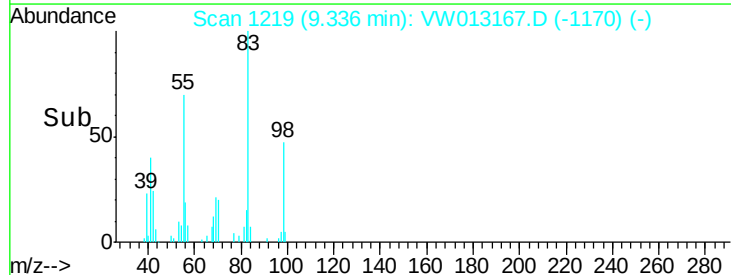
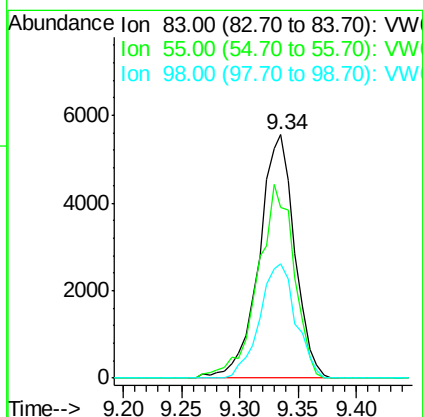
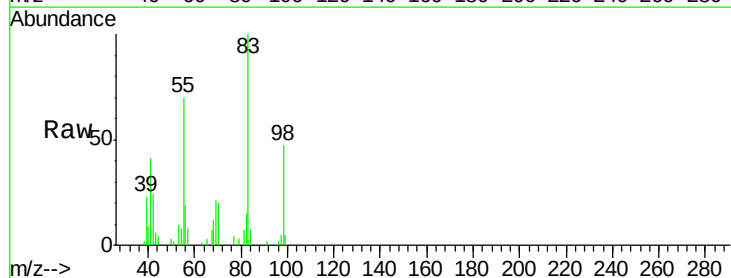
Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-2-2-3

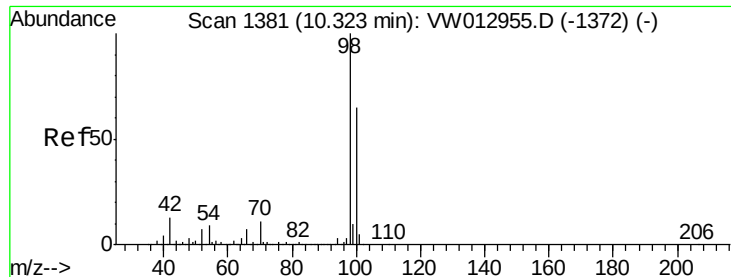
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	82.8	124.2
192	23.6	17.8	26.8



#39
 Methylcyclohexane
 Concen: 3.732 ug/l
 RT: 9.34 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VW013167.D
 Acq: 19 Sep 2019 17:52

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.3	65.9	98.9
98	46.8	39.6	59.4

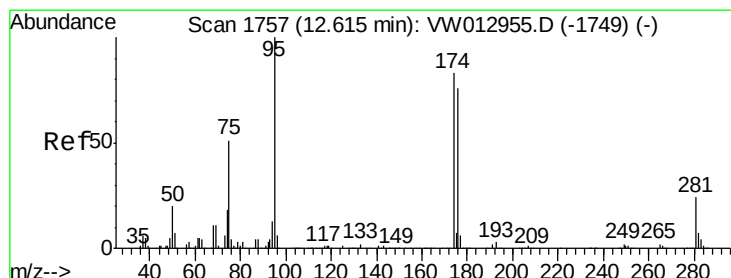
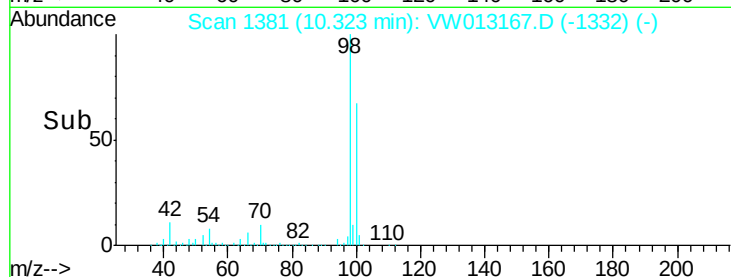
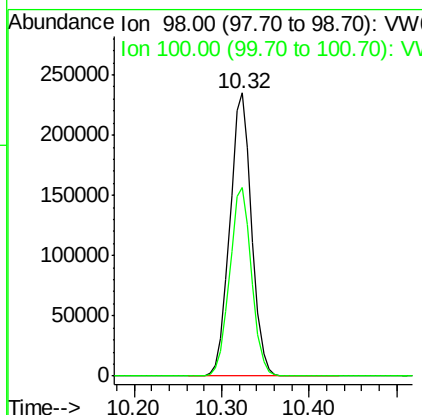
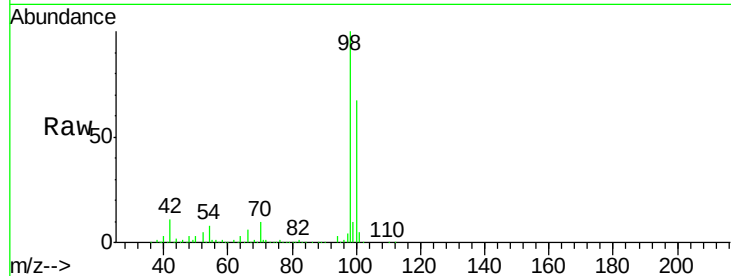




#50
Toluene-d8
Concen: 52.934 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013167.D
Acq: 19 Sep 2019 17:52

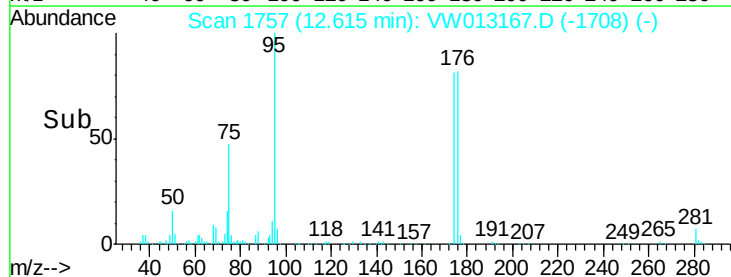
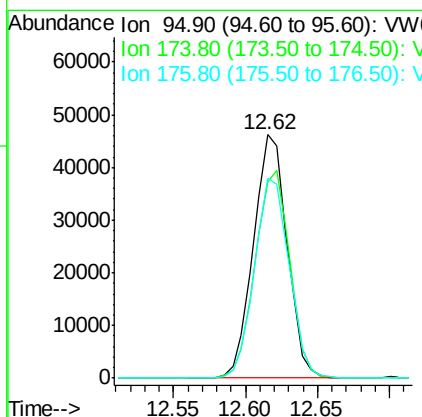
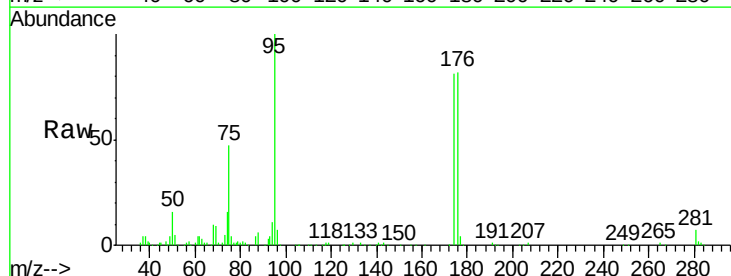
Instrument :
MSVOA_W
ClientSampled :
CSA-2-2-3

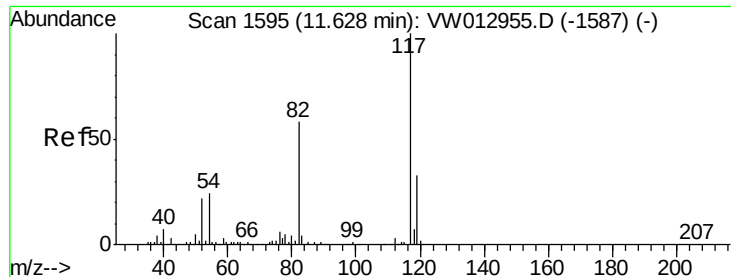
Tot Ion: 98 Resp: 406031
Ion Ratio Lower Upper
98 100
100 67.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 26.990 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013167.D
Acq: 19 Sep 2019 17:52

Tgt Ion: 95 Resp: 74443
Ion Ratio Lower Upper
95 100
174 87.4 0.0 170.4
176 85.0 0.0 164.6

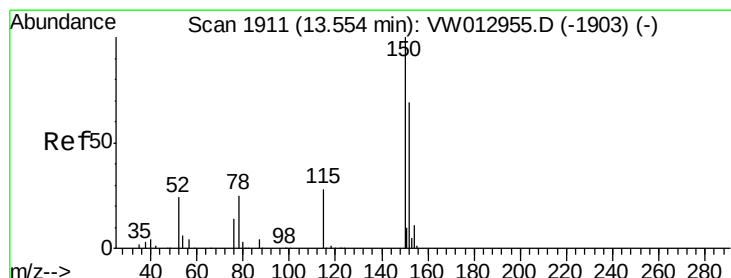
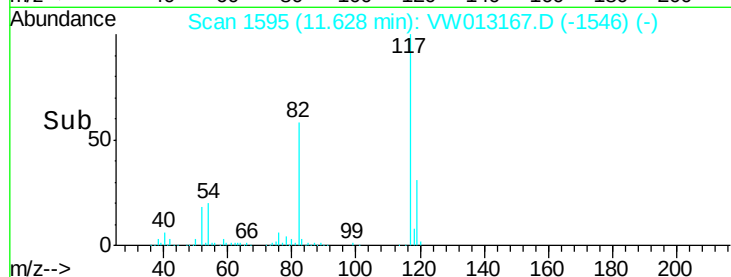
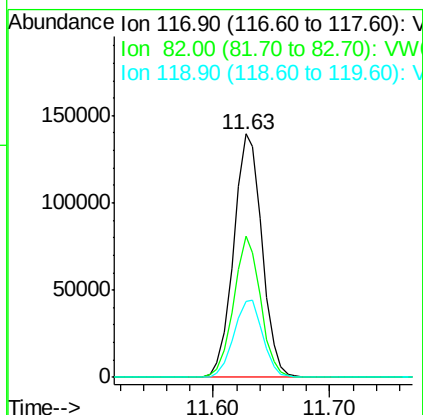
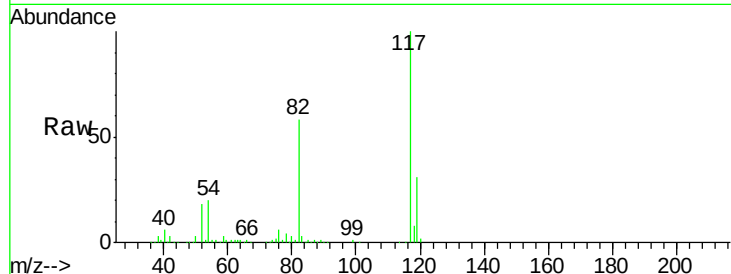




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013167.D
Acq: 19 Sep 2019 17:52

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.3	69.5
119	31.2	26.2	39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. 0.00 min
Lab File: VW013167.D
Acq: 19 Sep 2019 17:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.1	28.8	86.4
150	159.3	0.0	340.2

