

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013339.D
 Acq On : 30 Sep 2019 17:53
 Operator : SY/VA
 Sample : K5083-08
 Misc : 5.10G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190701-RR-COMPOSITE-1

Quant Time: Sep 30 18:26:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

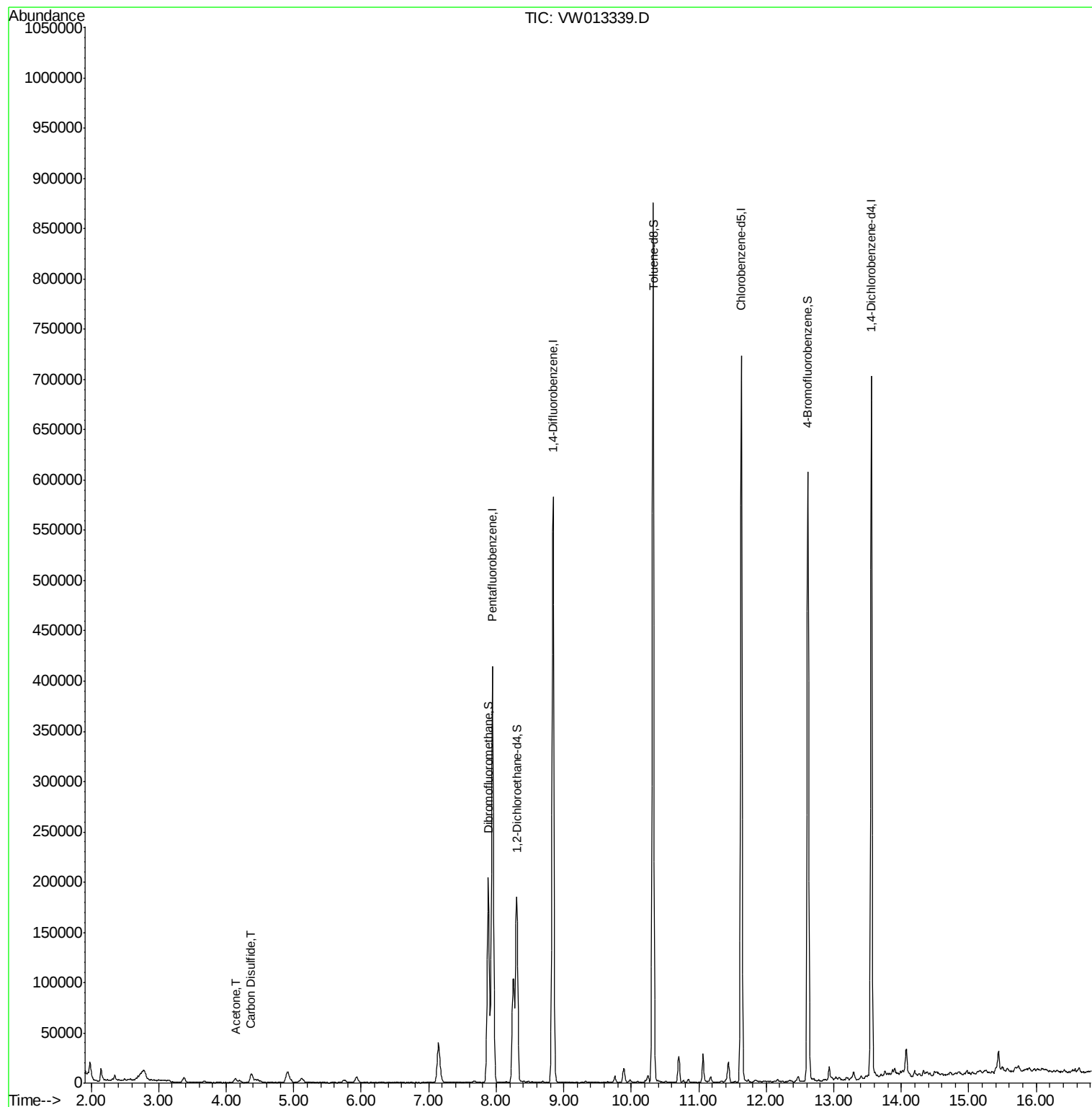
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	342345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	513485	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	437676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	200372	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	146875	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
35) Dibromofluoromethane	7.88	113	147683	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	
50) Toluene-d8	10.32	98	593099	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.62	95	191757	47.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.98%	
Target Compounds						
16) Acetone	4.14	43	8382	13.303	ug/l	99
17) Carbon Disulfide	4.37	76	20811	2.263	ug/l #	93

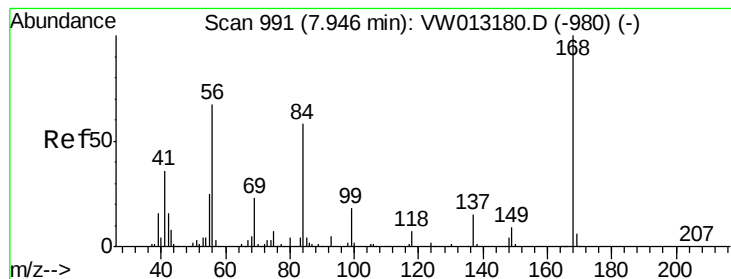
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

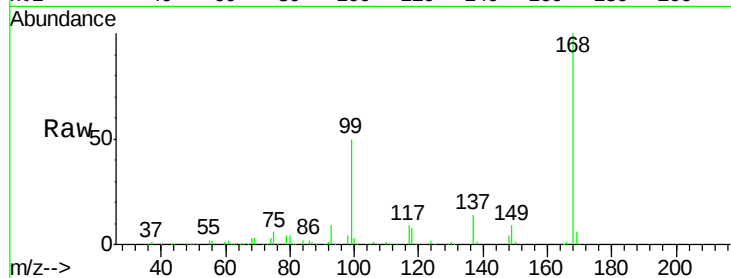
20190701-RR-COMPOSITE-1

Tot Ion:168 Resp: 342345

Ion Ratio Lower Upper

168 100

99 49.6 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

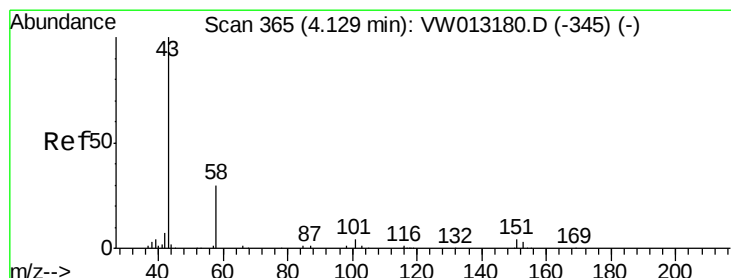
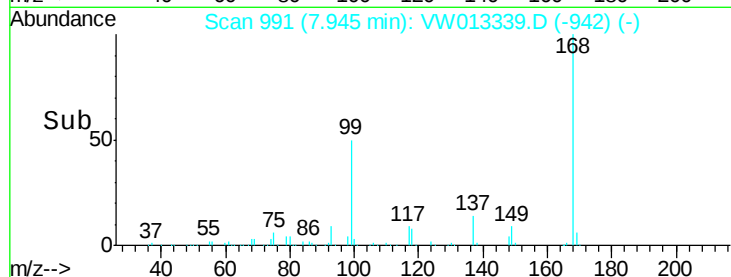
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 13.303 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013339.D

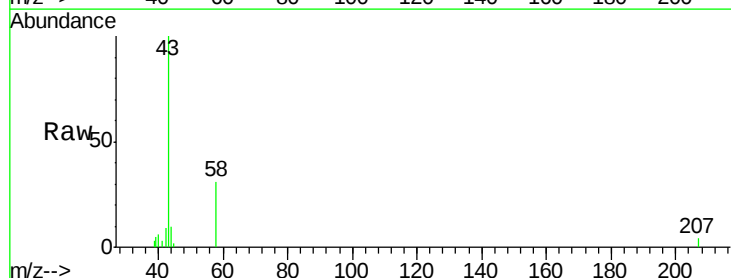
Acq: 30 Sep 2019 17:53

Tgt Ion: 43 Resp: 8382

Ion Ratio Lower Upper

43 100

58 30.8 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2500

2000

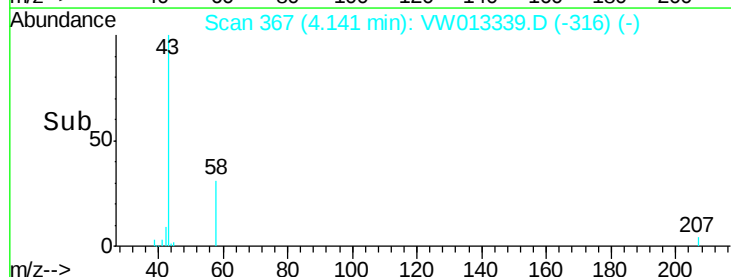
1500

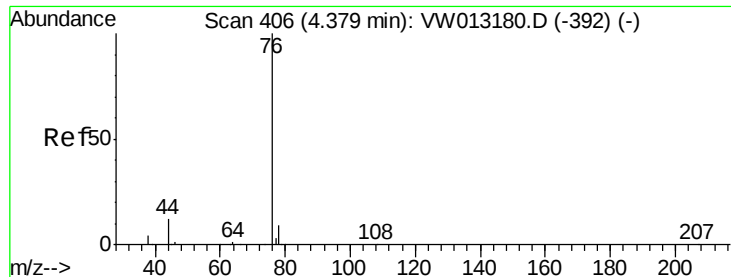
1000

500

0

Time--> 4.00 4.10 4.20





#17

Carbon Disulfide

Concen: 2.263 ug/l

RT: 4.37 min Scan# 404

Delta R.T. -0.01 min

Lab File: VW013339.D

Acq: 30 Sep 2019 17:53

Instrument :

MSVOA_W

ClientSampleId :

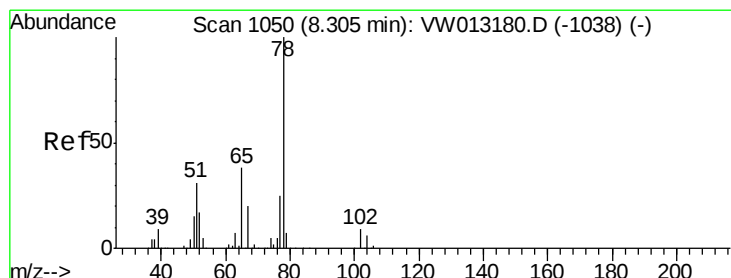
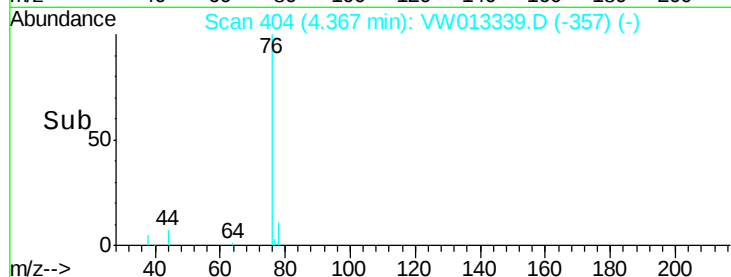
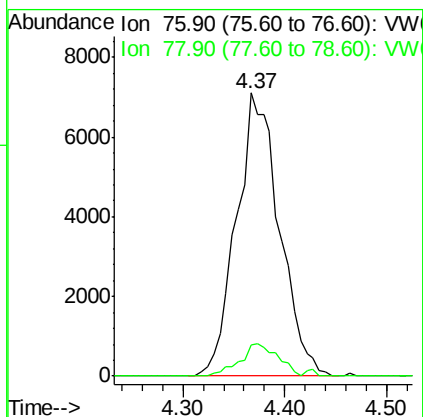
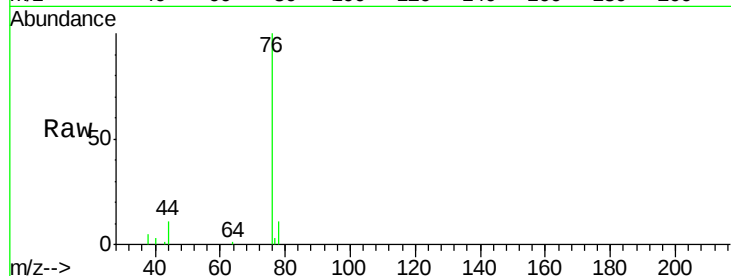
20190701-RR-COMPOSITE-1

Tot Ion: 76 Resp: 20811

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.4#



#33

1,2-Dichloroethane-d4

Concen: 52.567 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013339.D

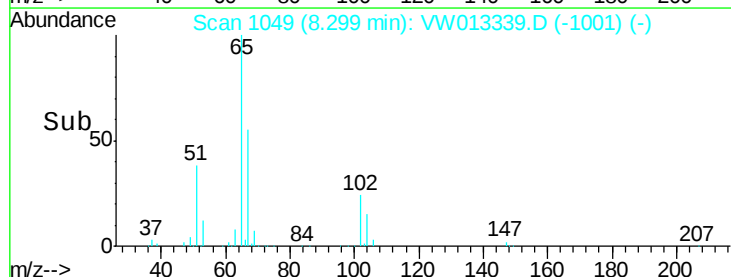
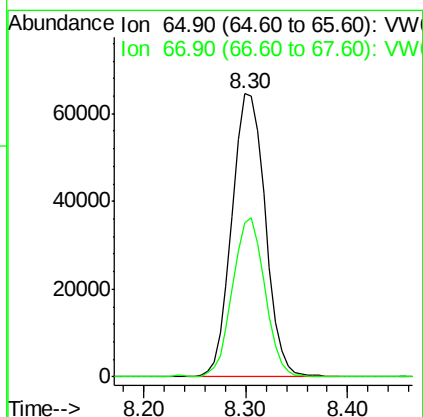
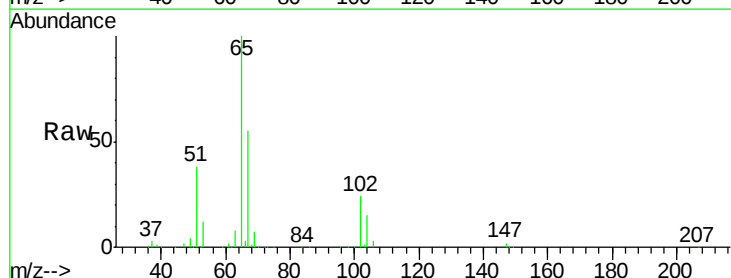
Acq: 30 Sep 2019 17:53

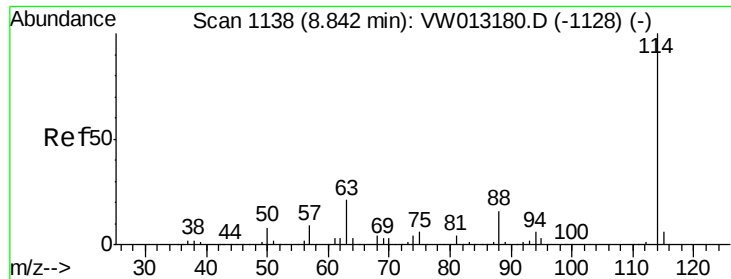
Tgt Ion: 65 Resp: 146875

Ion Ratio Lower Upper

65 100

67 54.4 0.0 106.2

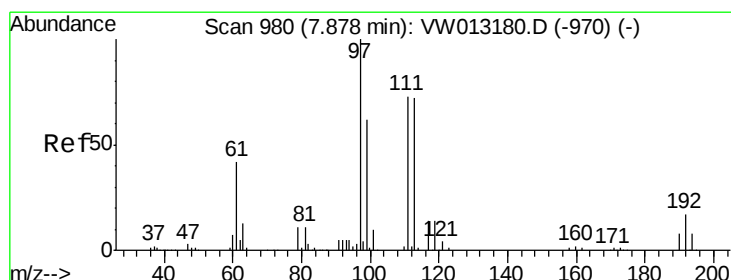
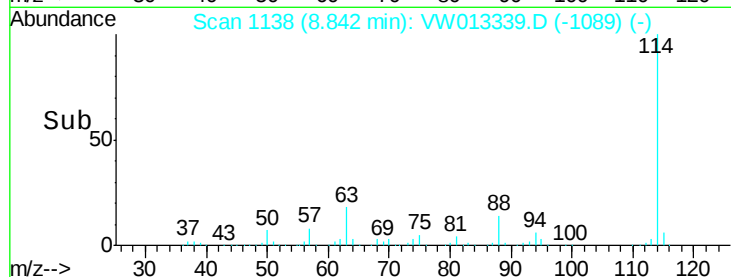
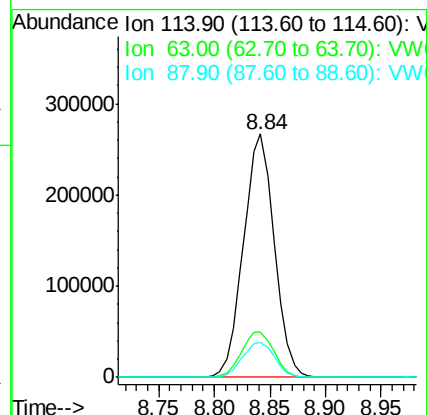
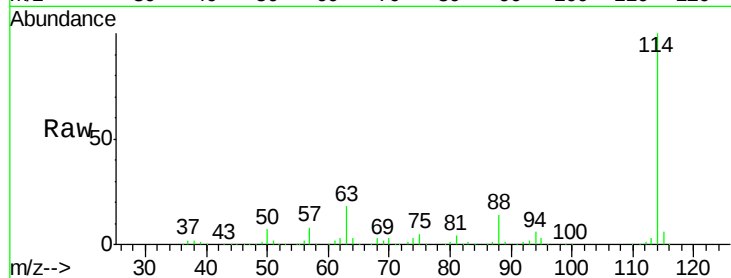




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013339.D
 Acq: 30 Sep 2019 17:53

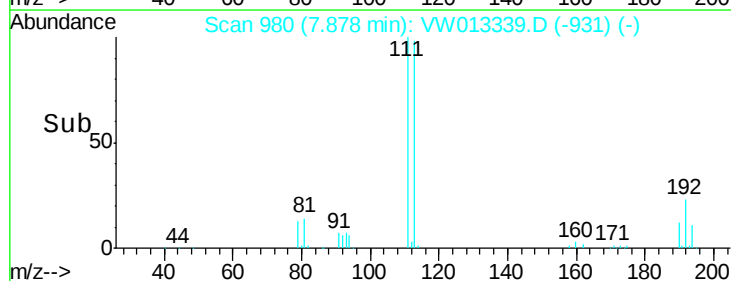
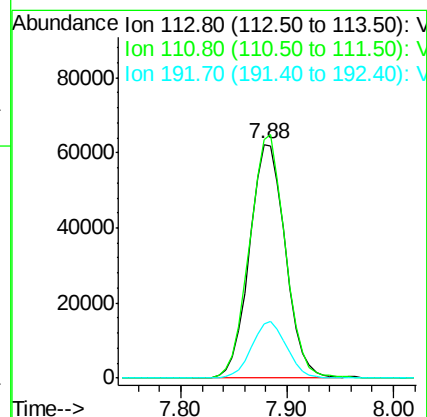
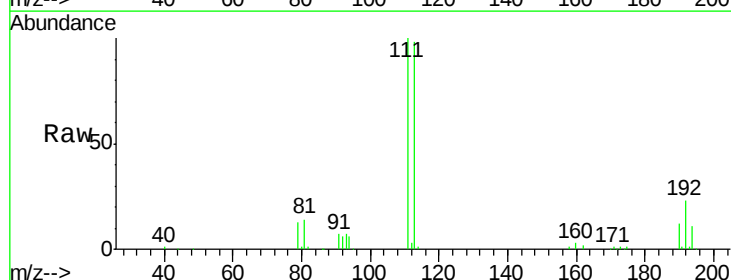
Instrument :
 MSVOA_W
 ClientSampleId :
 20190701-RR-COMPOSITE-1

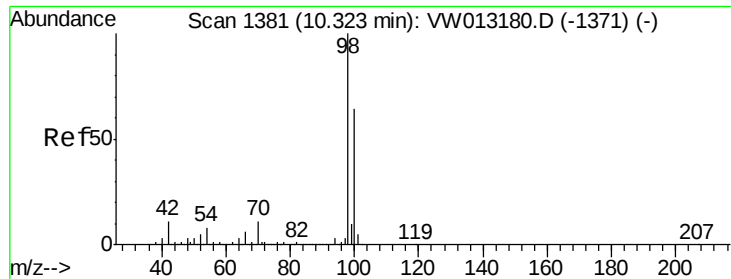
Tot Ion:114 Resp: 513485
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.4
 88 14.3 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 52.293 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013339.D
 Acq: 30 Sep 2019 17:53

Tgt Ion:113 Resp: 147683
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.9 122.9
 192 23.5 19.1 28.7

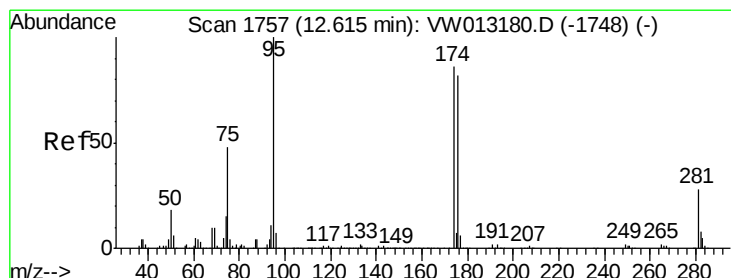
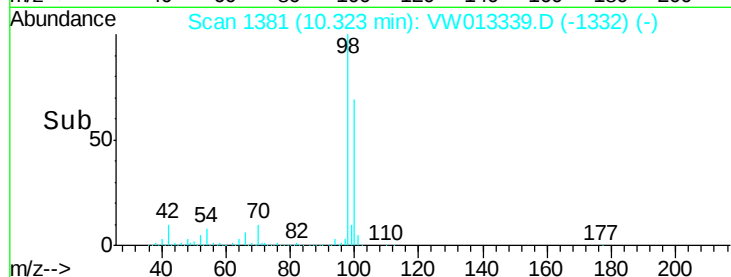
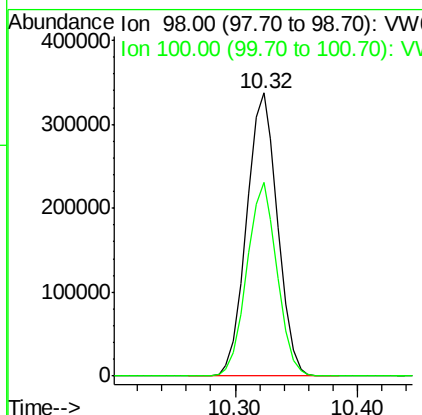
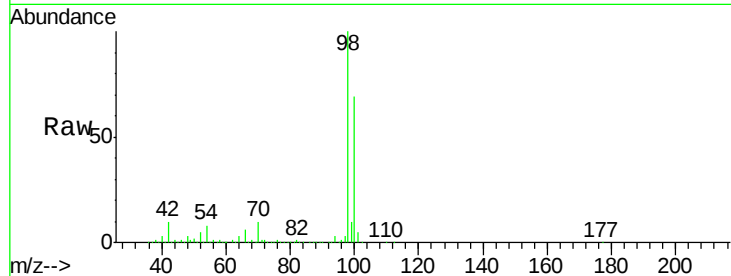




#50
Toluene-d8
Concen: 50.180 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013339.D
Acq: 30 Sep 2019 17:53

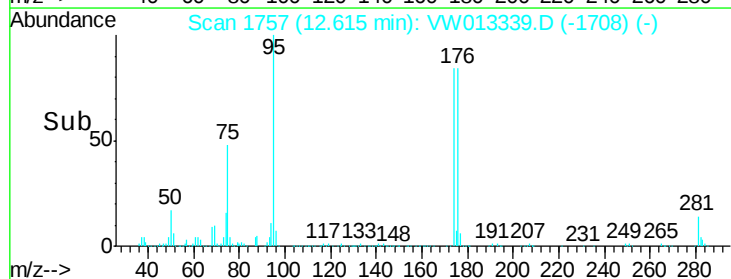
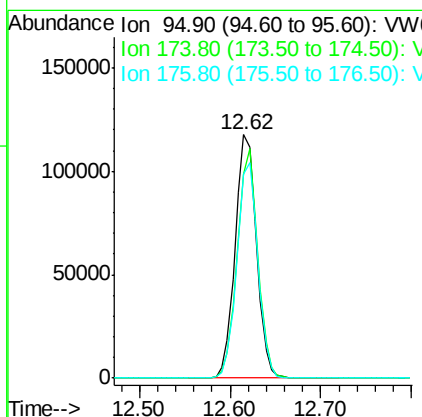
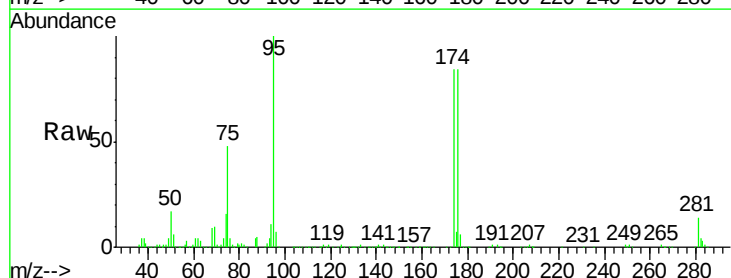
Instrument :
MSVOA_W
ClientSampleId :
20190701-RR-COMPOSITE-1

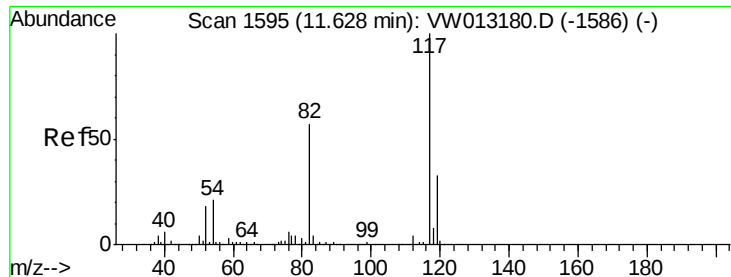
Tot Ion: 98 Resp: 593099
Ion Ratio Lower Upper
98 100
100 66.8 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 47.495 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013339.D
Acq: 30 Sep 2019 17:53

Tgt Ion: 95 Resp: 191757
Ion Ratio Lower Upper
95 100
174 90.4 0.0 178.4
176 87.6 0.0 172.2

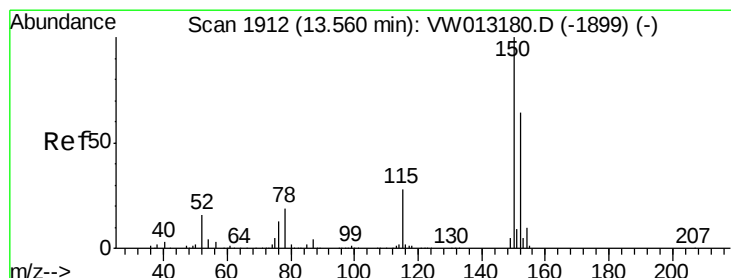
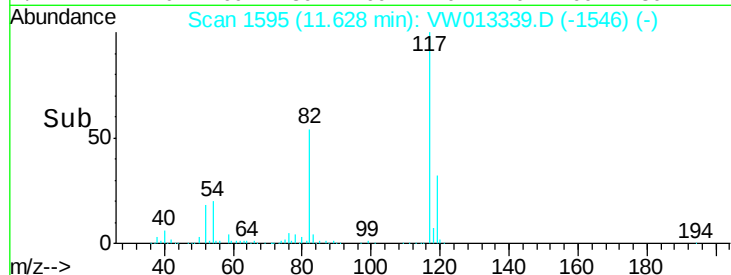
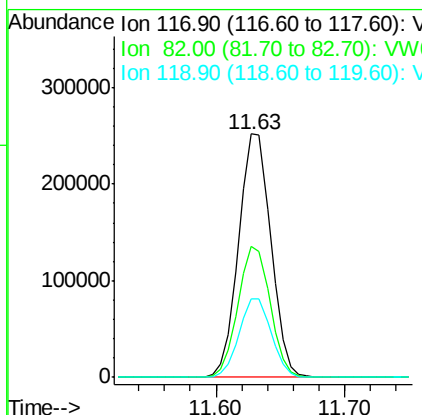
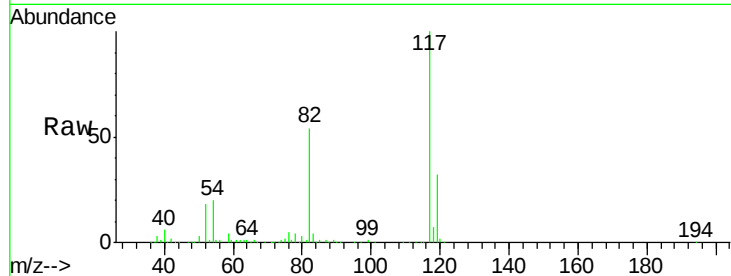




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013339.D
Acq: 30 Sep 2019 17:53

Instrument :
MSVOA_W
ClientSampleId :
20190701-RR-COMPOSITE-1

Tot Ion:117 Resp: 437676
Ion Ratio Lower Upper
117 100
82 54.0 45.9 68.9
119 32.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013339.D
Acq: 30 Sep 2019 17:53

Tgt Ion:152 Resp: 200372
Ion Ratio Lower Upper
152 100
115 54.3 27.3 81.9
150 156.9 0.0 349.0

