

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013159.D
 Acq On : 19 Sep 2019 14:26
 Operator : SY/VA
 Sample : K4960-01
 Misc : 4.36G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Sep 20 08:19:55 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

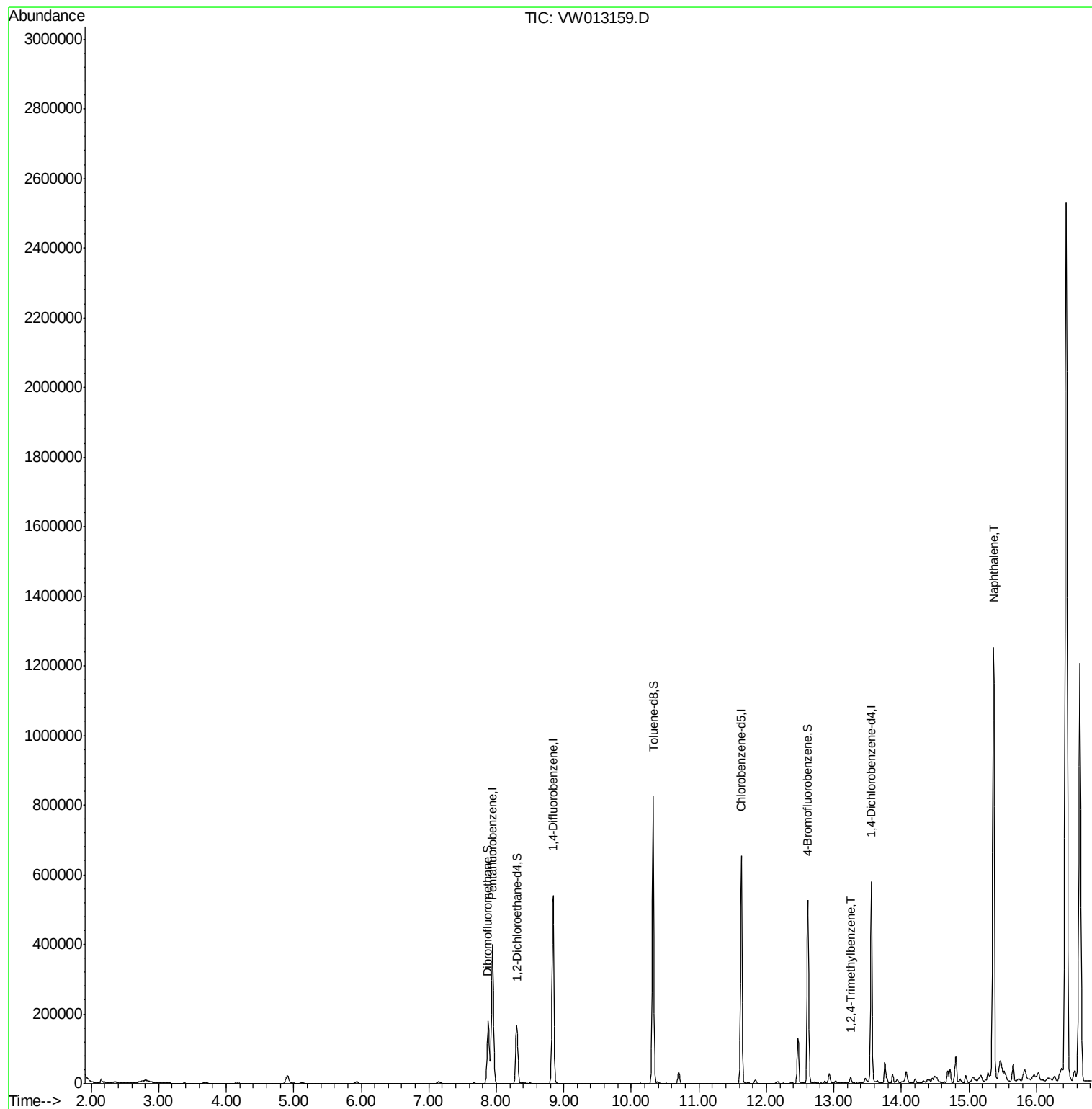
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481765	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	386478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161605	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	131176	43.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.80%	
35) Dibromofluoromethane	7.88	113	130515	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
50) Toluene-d8	10.32	98	546102	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.62	95	165144	44.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.80%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.25	105	10141	1.132	ug/l	95
95) Naphthalene	15.36	128	1093554	213.625	ug/l	99

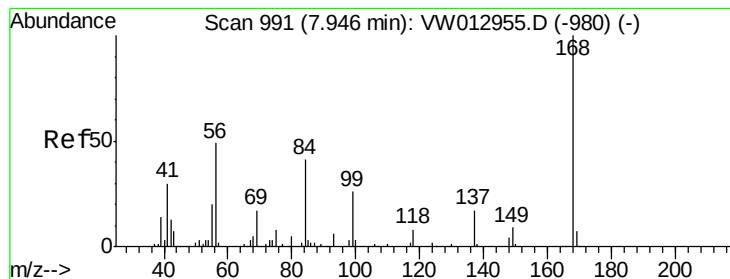
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013159.D

Acq: 19 Sep 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

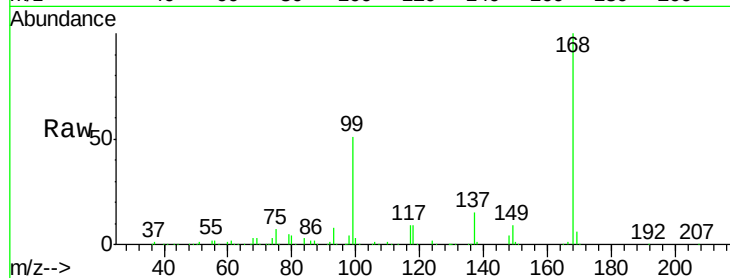
ROLL-OFF-COMP

Tot Ion:168 Resp: 323515

Ion Ratio Lower Upper

168 100

99 51.2 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

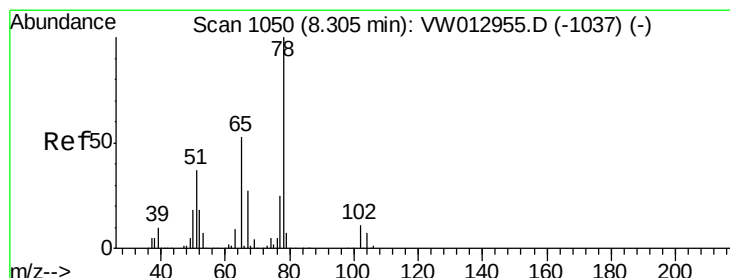
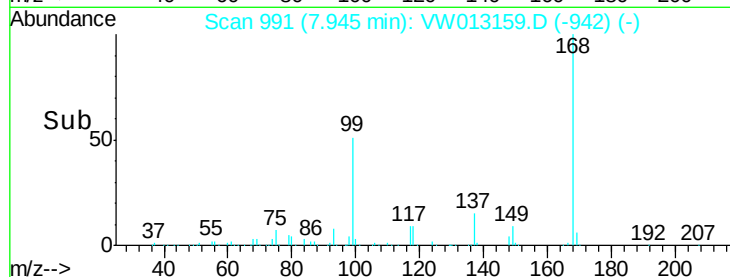
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.903 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013159.D

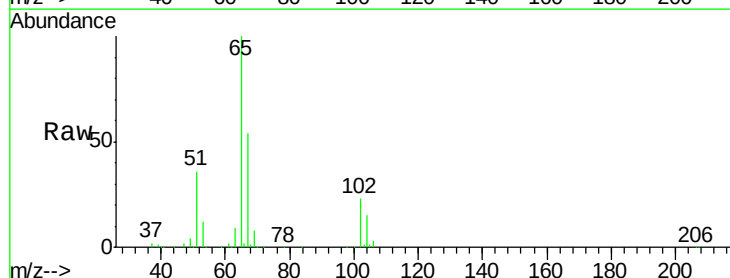
Acq: 19 Sep 2019 14:26

Tgt Ion: 65 Resp: 131176

Ion Ratio Lower Upper

65 100

67 53.2 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

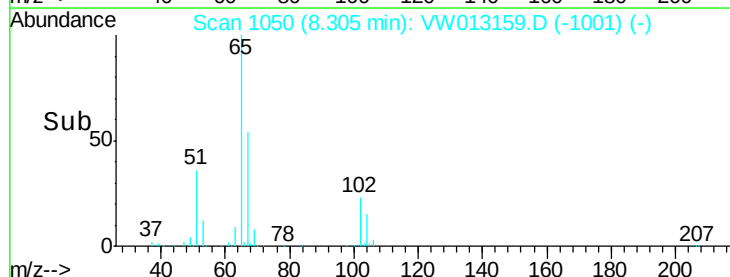
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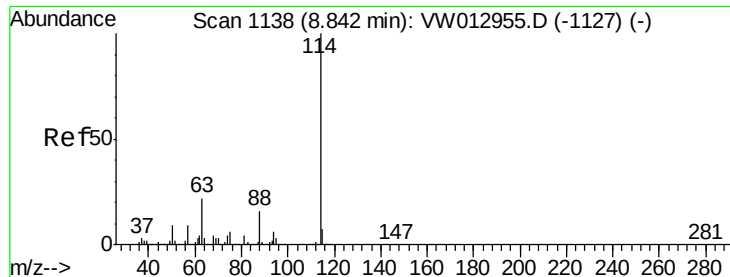
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Time-->

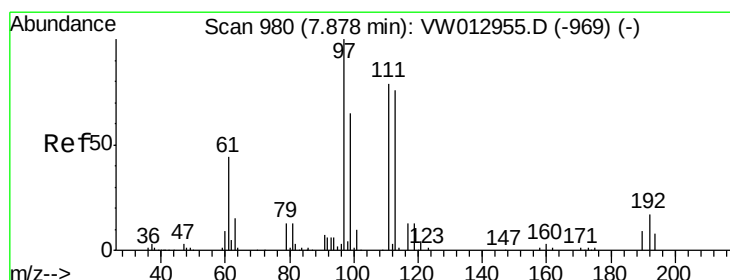
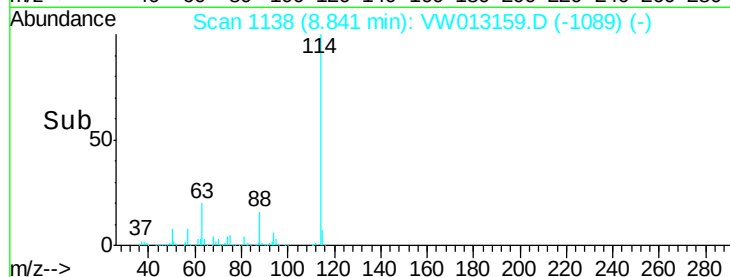
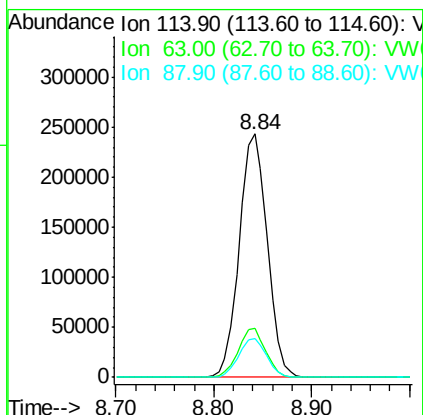
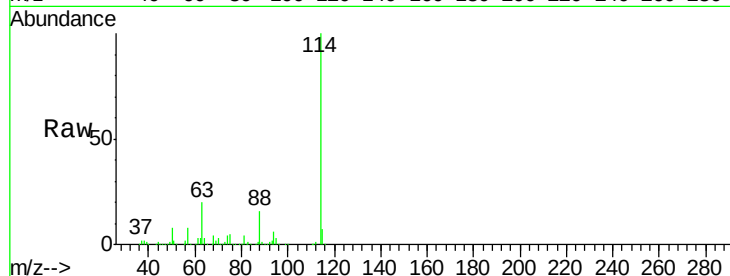




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013159.D
Acq: 19 Sep 2019 14:26

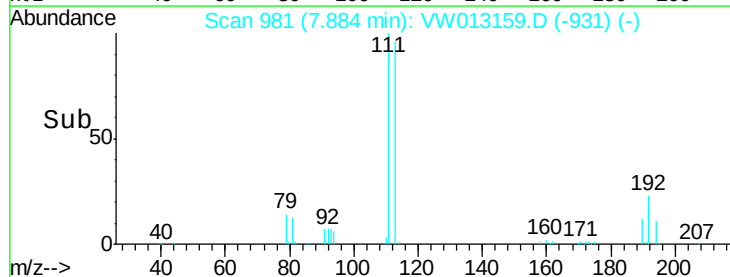
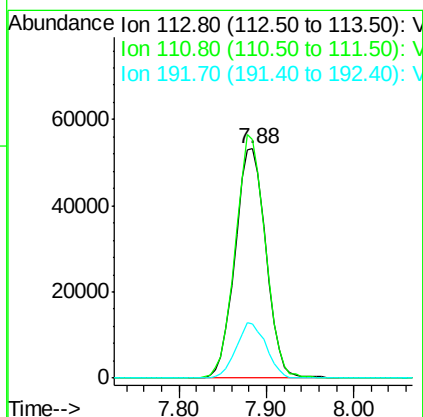
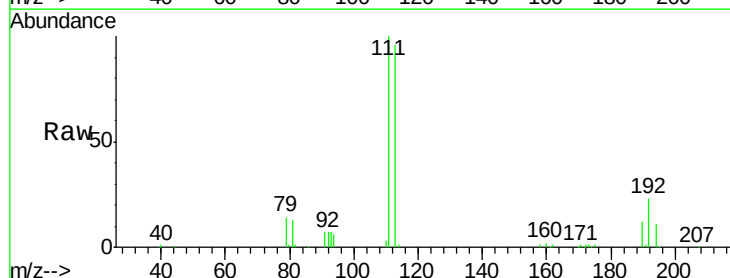
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

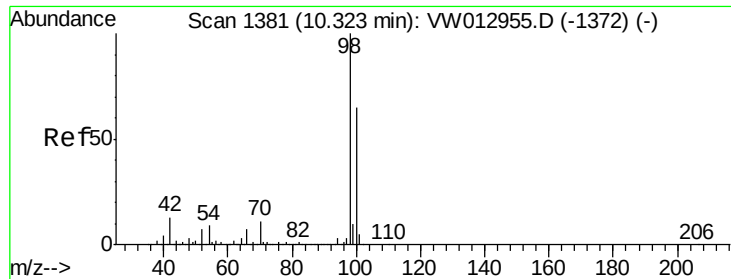
Tot Ion:114 Resp: 481765
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.4
88 15.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 49.927 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013159.D
Acq: 19 Sep 2019 14:26

Tgt Ion:113 Resp: 130515
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 23.5 17.8 26.8

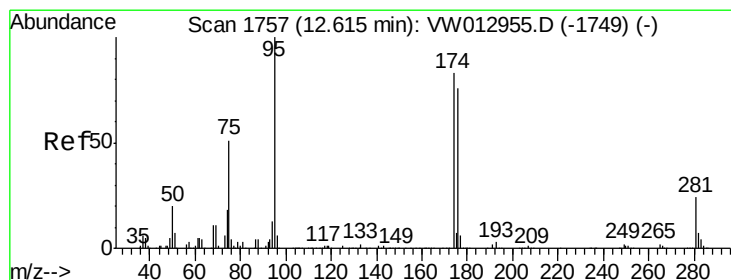
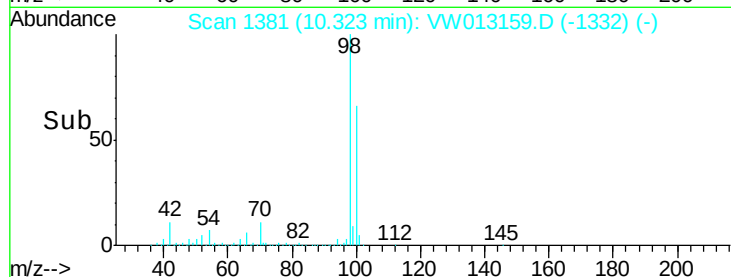
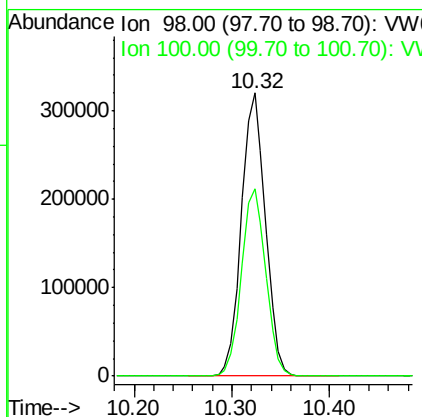
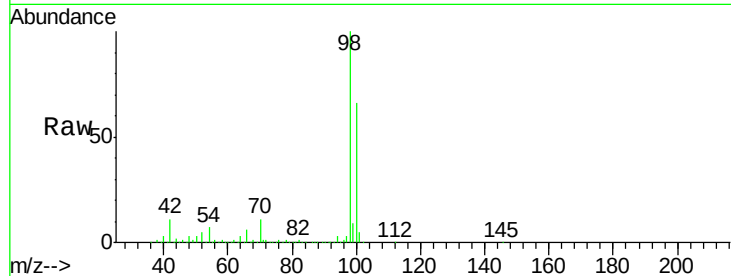




#50
Toluene-d8
Concen: 53.386 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013159.D
Acq: 19 Sep 2019 14:26

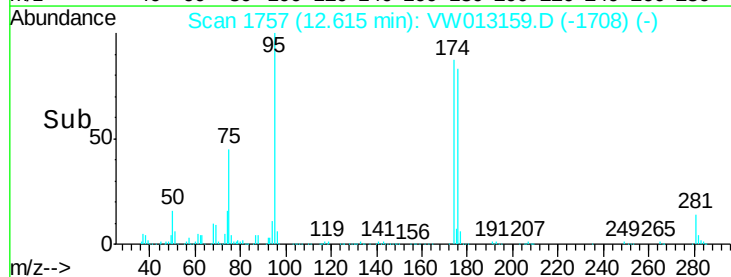
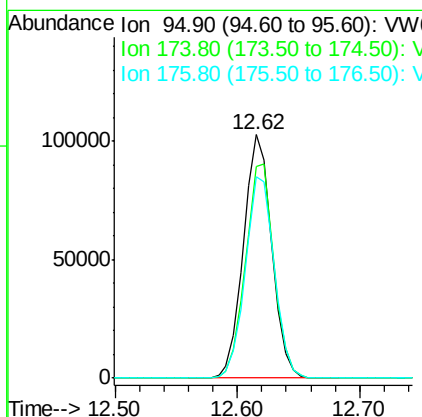
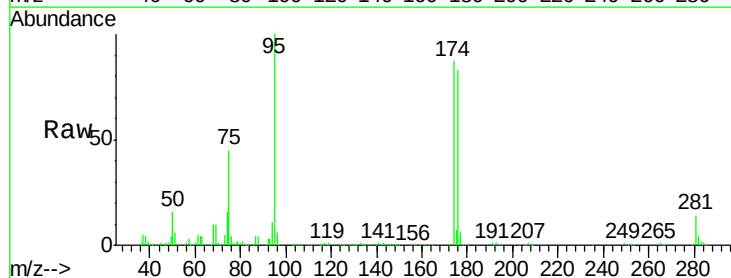
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

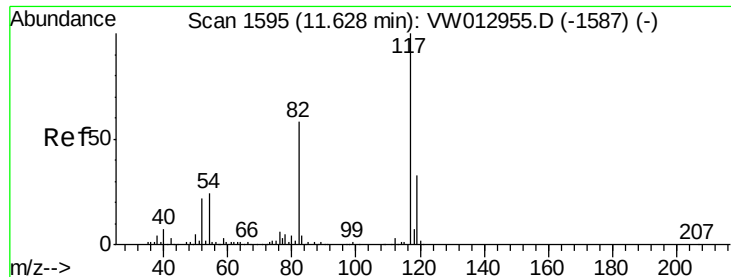
Tot Ion: 98 Resp: 546102
Ion Ratio Lower Upper
98 100
100 66.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 44.898 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013159.D
Acq: 19 Sep 2019 14:26

Tgt Ion: 95 Resp: 165144
Ion Ratio Lower Upper
95 100
174 88.8 0.0 170.4
176 84.6 0.0 164.6

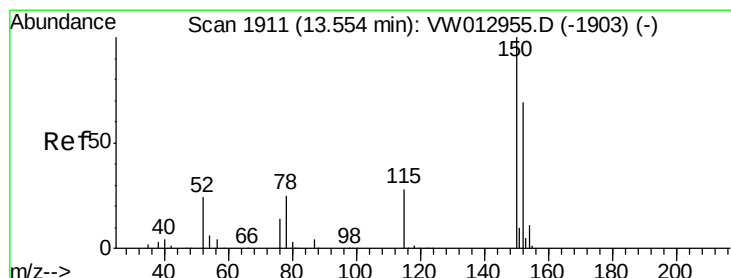
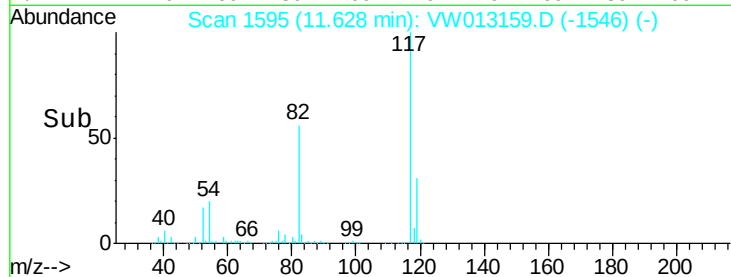
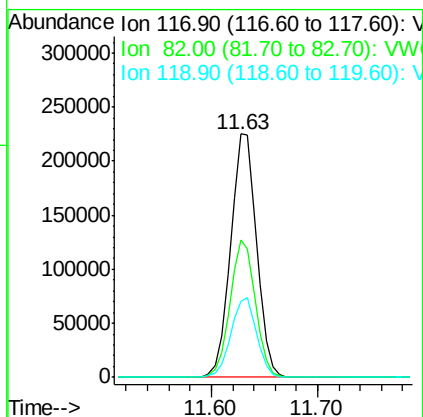
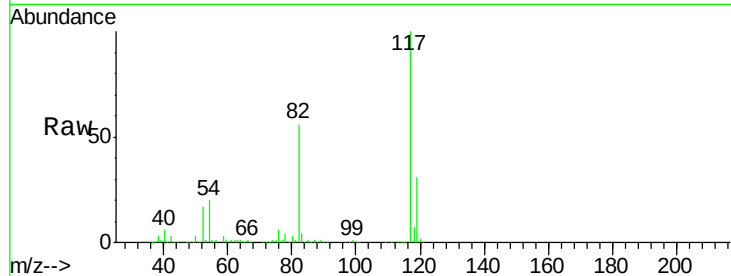




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013159.D
Acq: 19 Sep 2019 14:26

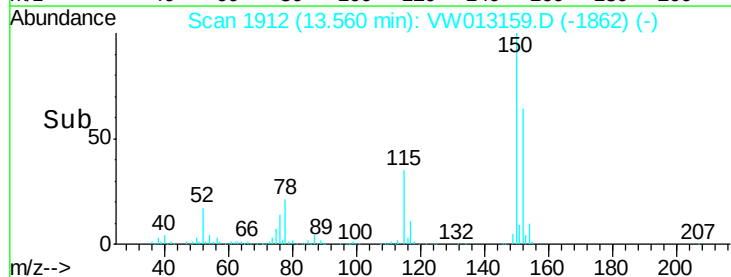
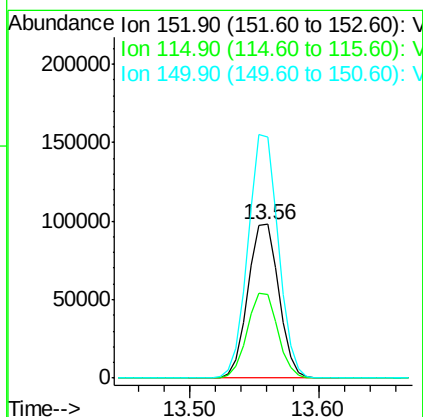
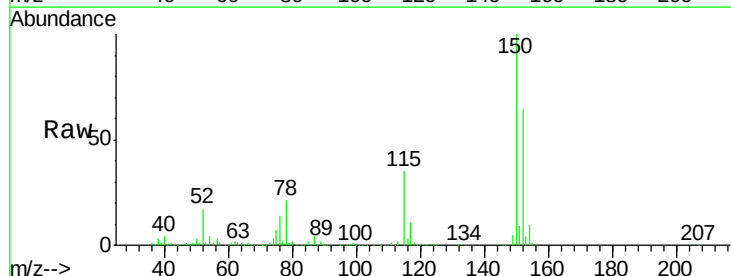
Instrument :
MSVOA_W
ClientSampleId :
ROLL-OFF-COMP

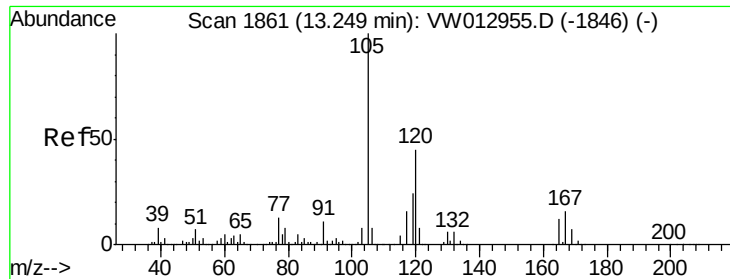
Tot Ion:117 Resp: 386478
Ion Ratio Lower Upper
117 100
82 56.3 46.3 69.5
119 31.2 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.01 min
Lab File: VW013159.D
Acq: 19 Sep 2019 14:26

Tgt Ion:152 Resp: 161605
Ion Ratio Lower Upper
152 100
115 55.0 28.8 86.4
150 155.3 0.0 340.2

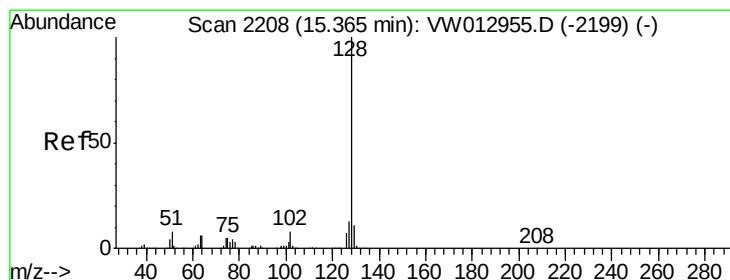
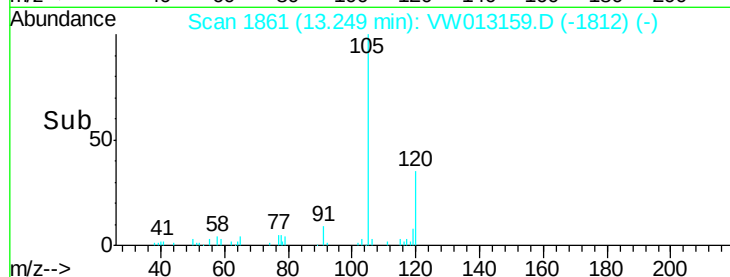
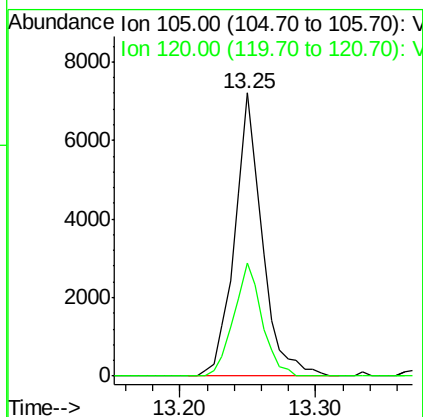
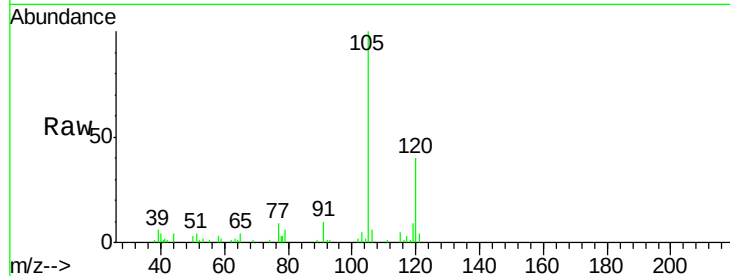




#84
 1,2,4-Trimethylbenzene
 Concen: 1.132 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013159.D
 Acq: 19 Sep 2019 14:26

Instrument :
 MSVOA_W
 ClientSampleId :
 ROLL-OFF-COMP

Tot Ion:105 Resp: 10141
 Ion Ratio Lower Upper
 105 100
 120 40.8 21.9 65.7



#95
 Naphthalene
 Concen: 213.625 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. -0.00 min
 Lab File: VW013159.D
 Acq: 19 Sep 2019 14:26

Tgt Ion:128 Resp: 1093554
 Ion Ratio Lower Upper
 128 100
 127 13.3 11.0 16.6
 129 10.9 8.6 12.8

