

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100219\
 Data File : VW013379.D
 Acq On : 02 Oct 2019 15:38
 Operator : SY/VA
 Sample : K5083-04RE
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 20190705-RR-COMPOSITE-5RE

Quant Time: Oct 02 16:31:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100119S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 11:49:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	43035	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	59791	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	49521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	17353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	17806	55.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.82%	
35) Dibromofluoromethane	7.88	113	17409	55.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.98%	
50) Toluene-d8	10.32	98	69384	53.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.58%	
62) 4-Bromofluorobenzene	12.62	95	18916	43.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.02%	

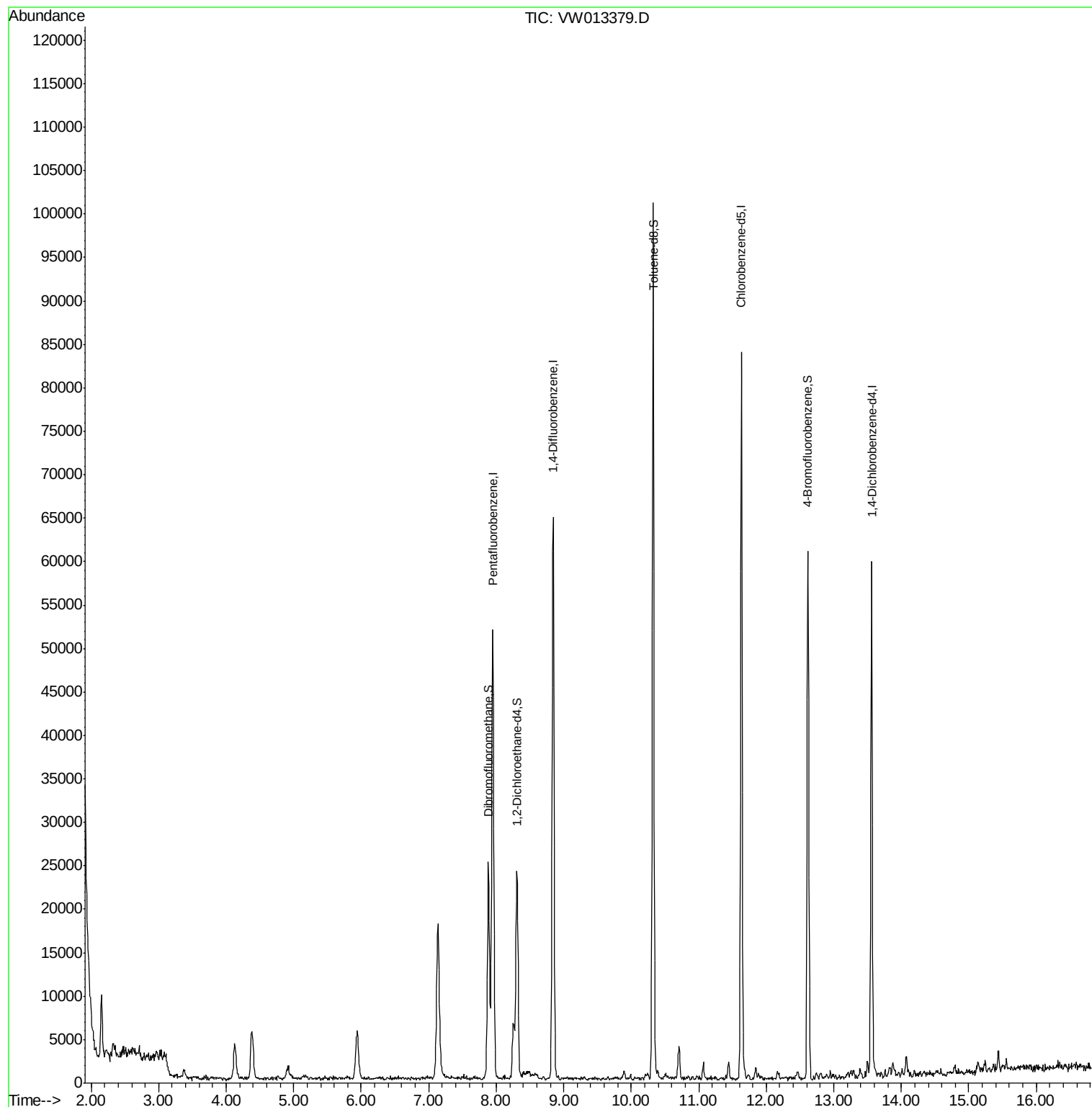
Target Compounds Qvalue

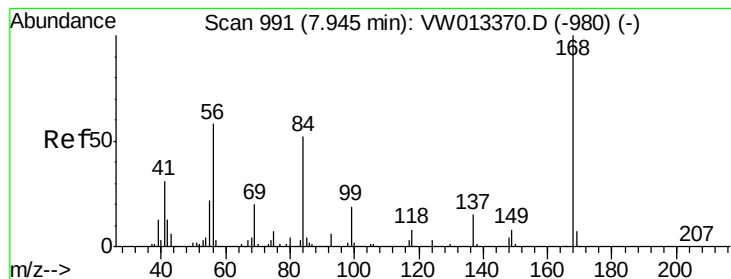
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW013379.D

Acq: 02 Oct 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

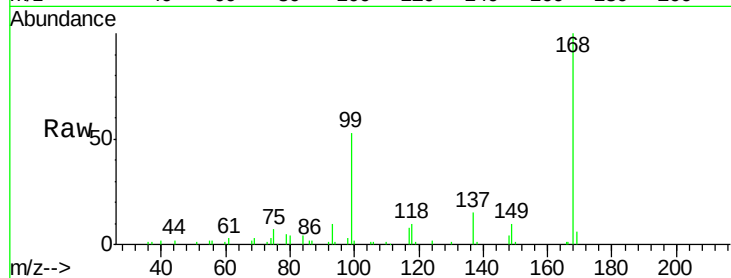
20190705-RR-COMPOSITE-5RE

Tot Ion:168 Resp: 43035

Ion Ratio Lower Upper

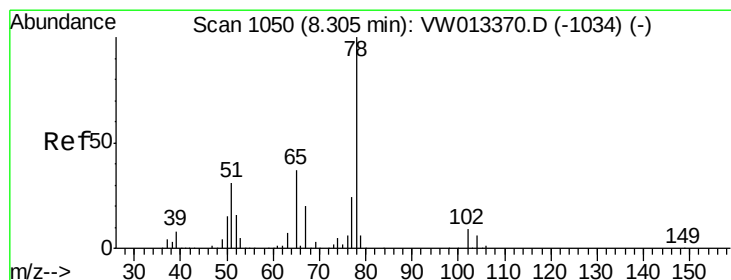
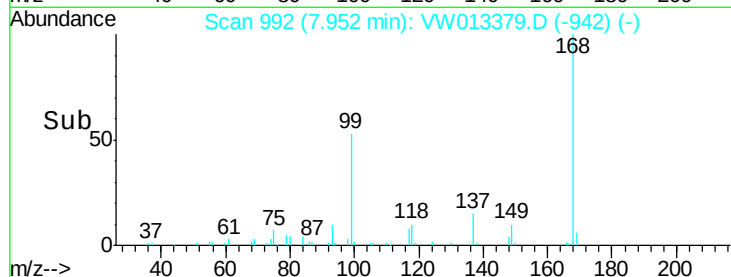
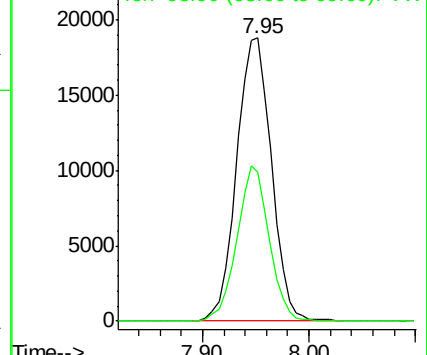
168 100

99 52.8 40.2 60.4



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: 55.413 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013379.D

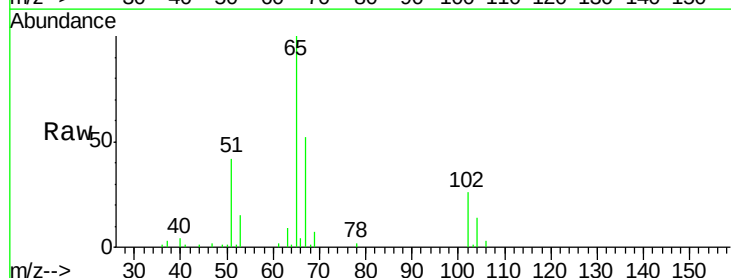
Acq: 02 Oct 2019 15:38

Tgt Ion: 65 Resp: 17806

Ion Ratio Lower Upper

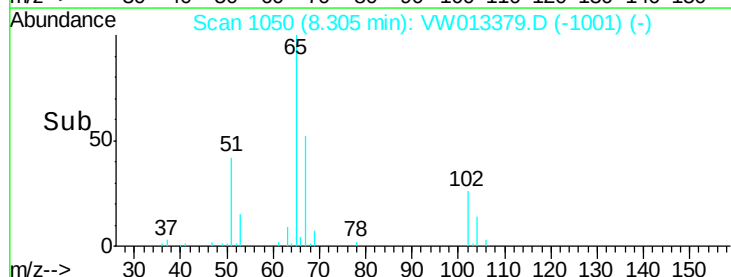
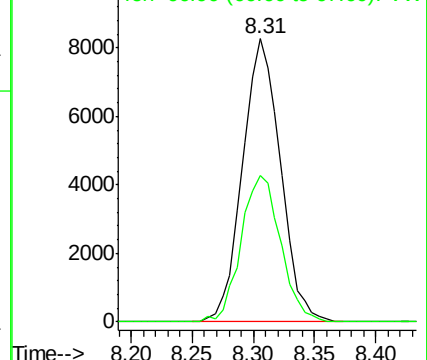
65 100

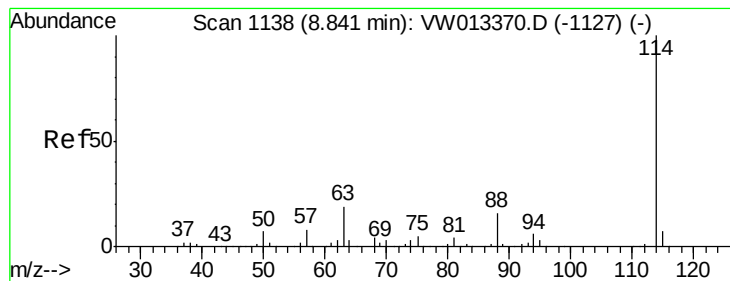
67 53.6 0.0 106.2



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: VW013379.D

Acq: 02 Oct 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

20190705-RR-COMPOSITE-5RE

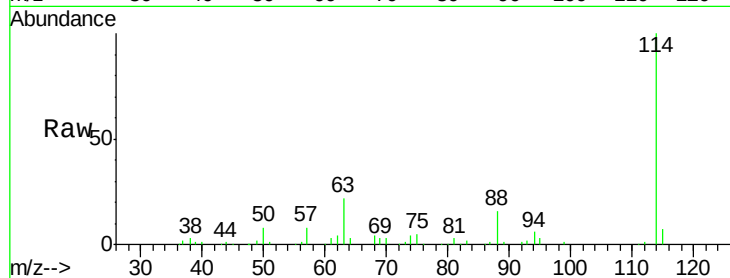
Tot Ion:114 Resp: 59791

Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.4

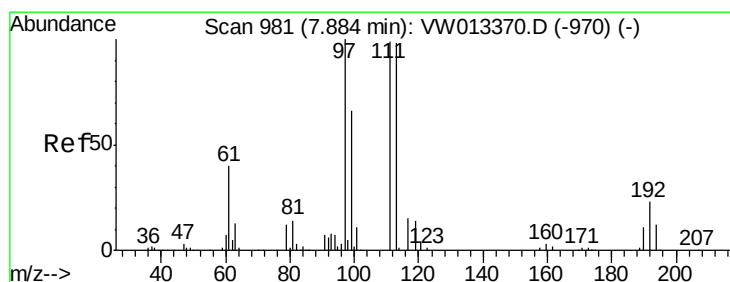
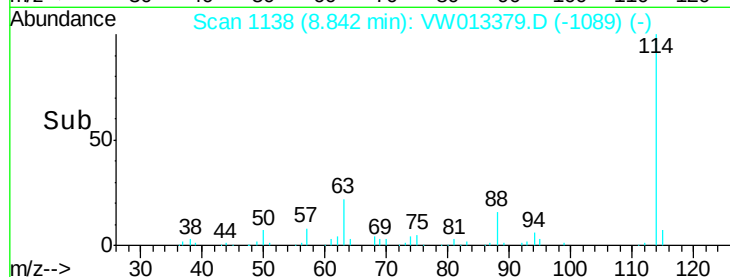
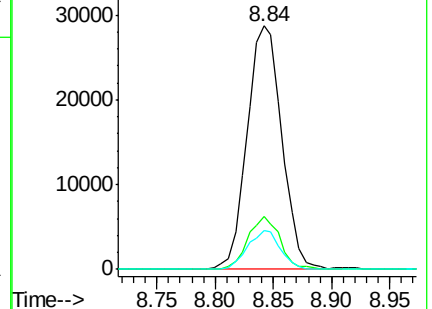
88 16.1 0.0 32.0



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: 55.489 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013379.D

Acq: 02 Oct 2019 15:38

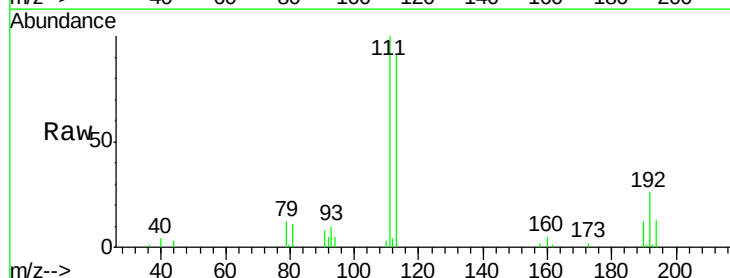
Tgt Ion:113 Resp: 17409

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

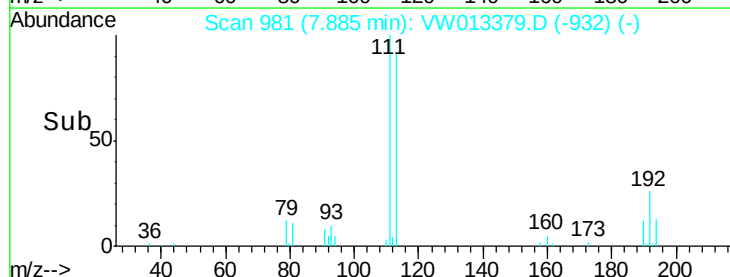
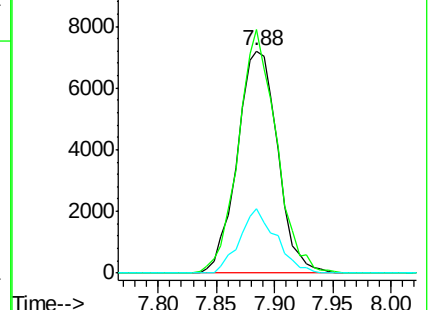
192 26.1 19.1 28.7

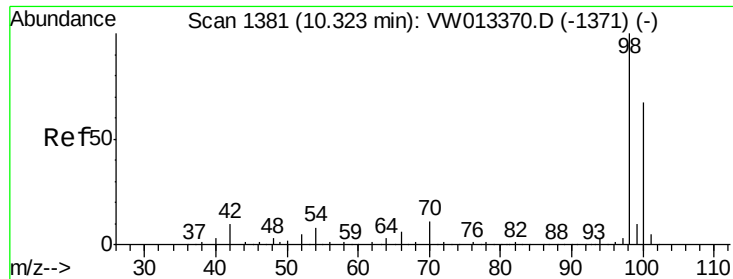


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

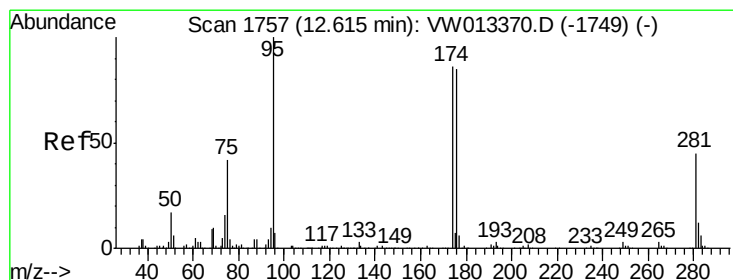
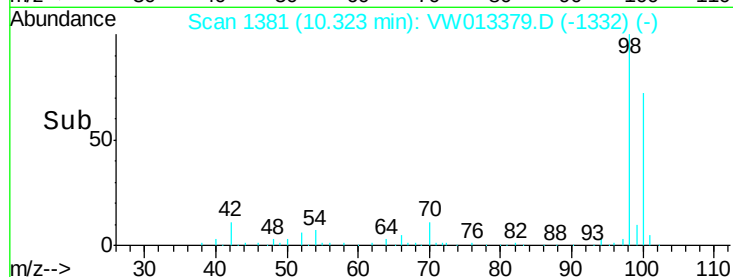
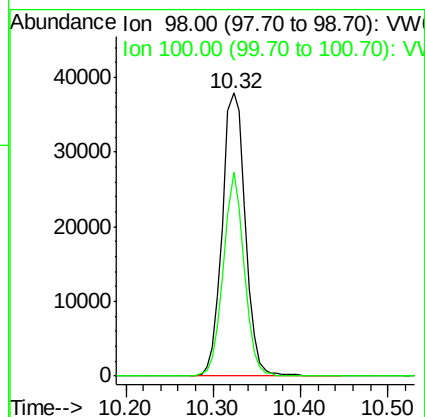
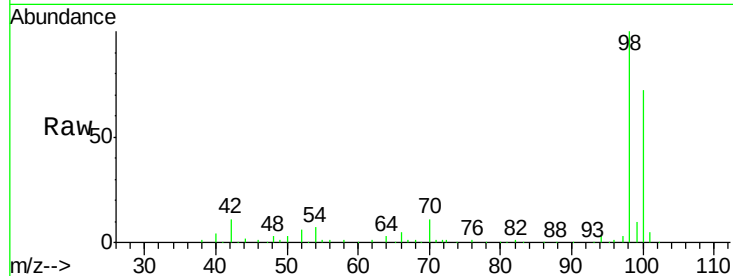




#50
Toluene-d8
Concen: 53.292 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013379.D
Acq: 02 Oct 2019 15:38

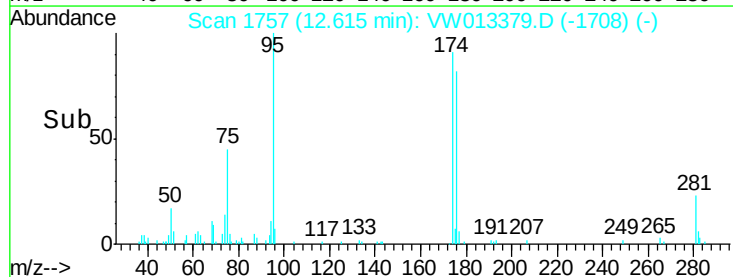
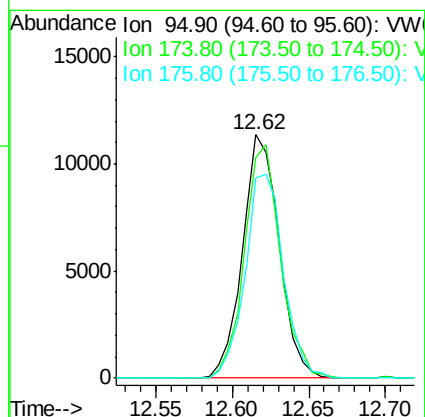
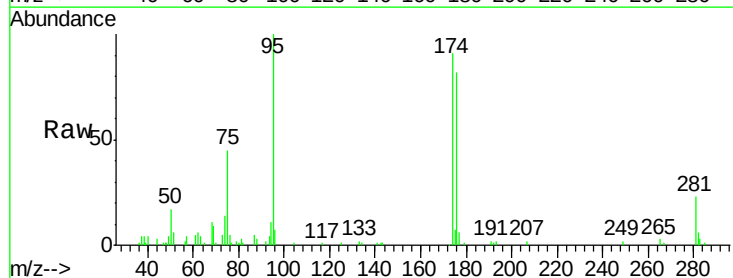
Instrument :
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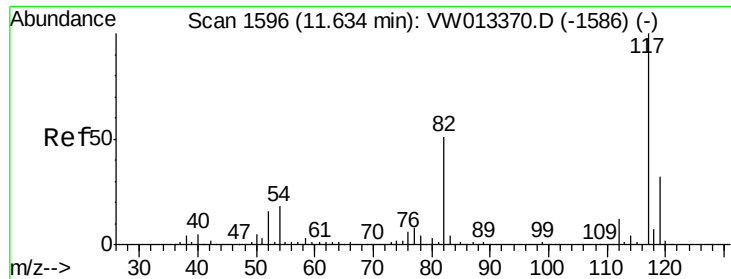
Tot Ion: 98 Resp: 69384
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 43.508 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013379.D
Acq: 02 Oct 2019 15:38

Tgt Ion: 95 Resp: 18916
Ion Ratio Lower Upper
95 100
174 94.6 0.0 178.4
176 87.3 0.0 172.2

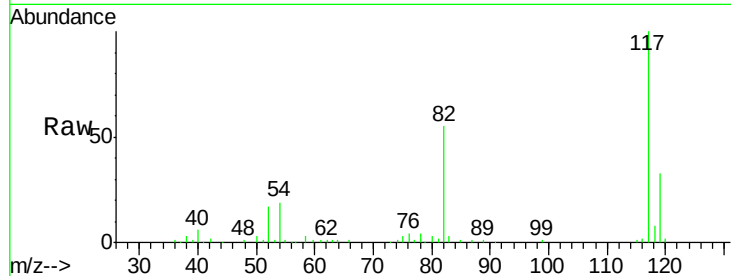




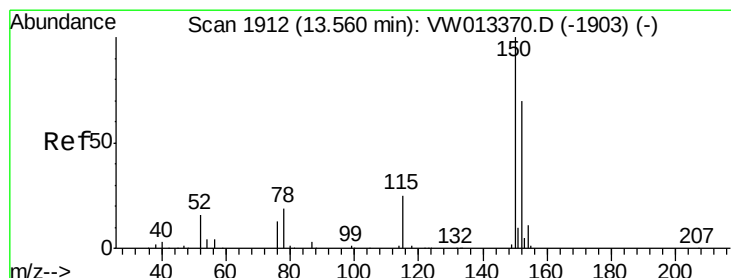
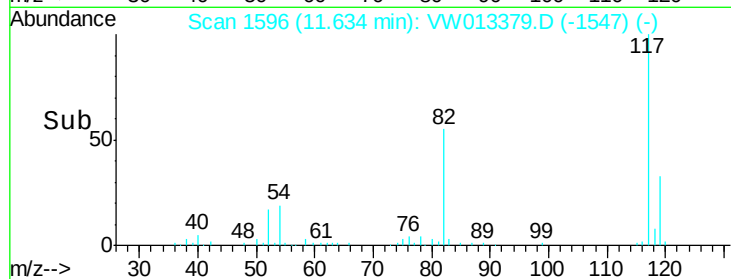
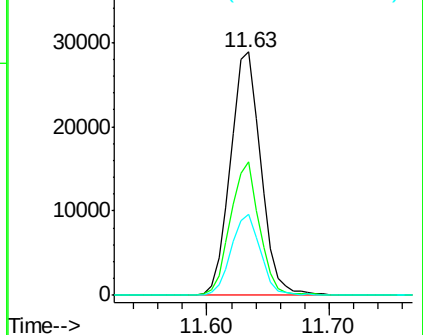
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW013379.D
Acq: 02 Oct 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
20190705-RR-COMPOSITE-5RE

Tot Ion:117 Resp: 49521
Ion Ratio Lower Upper
117 100
82 55.0 45.9 68.9
119 33.1 26.2 39.2

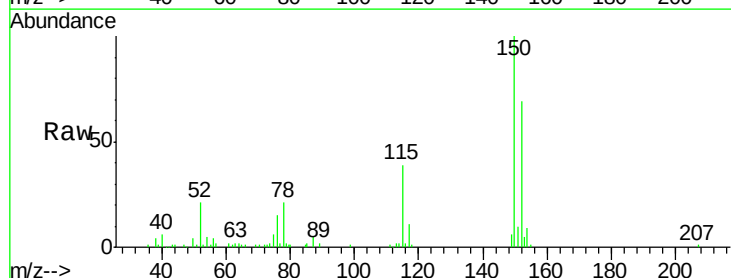


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013379.D
Acq: 02 Oct 2019 15:38

Tgt Ion:152 Resp: 17353
Ion Ratio Lower Upper
152 100
115 53.7 27.3 81.9
150 152.3 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

