

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013236.D
 Acq On : 23 Sep 2019 17:22
 Operator : SY/VA
 Sample : K4863-11RE
 Misc : 4.34G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CSA-4-7-1RE

Quant Time: Sep 24 07:46:47 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	292453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	445304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	324696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	98630	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	126255	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	126190	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.32	98	484733	47.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.58%	
62) 4-Bromofluorobenzene	12.62	95	123415	35.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.50%	

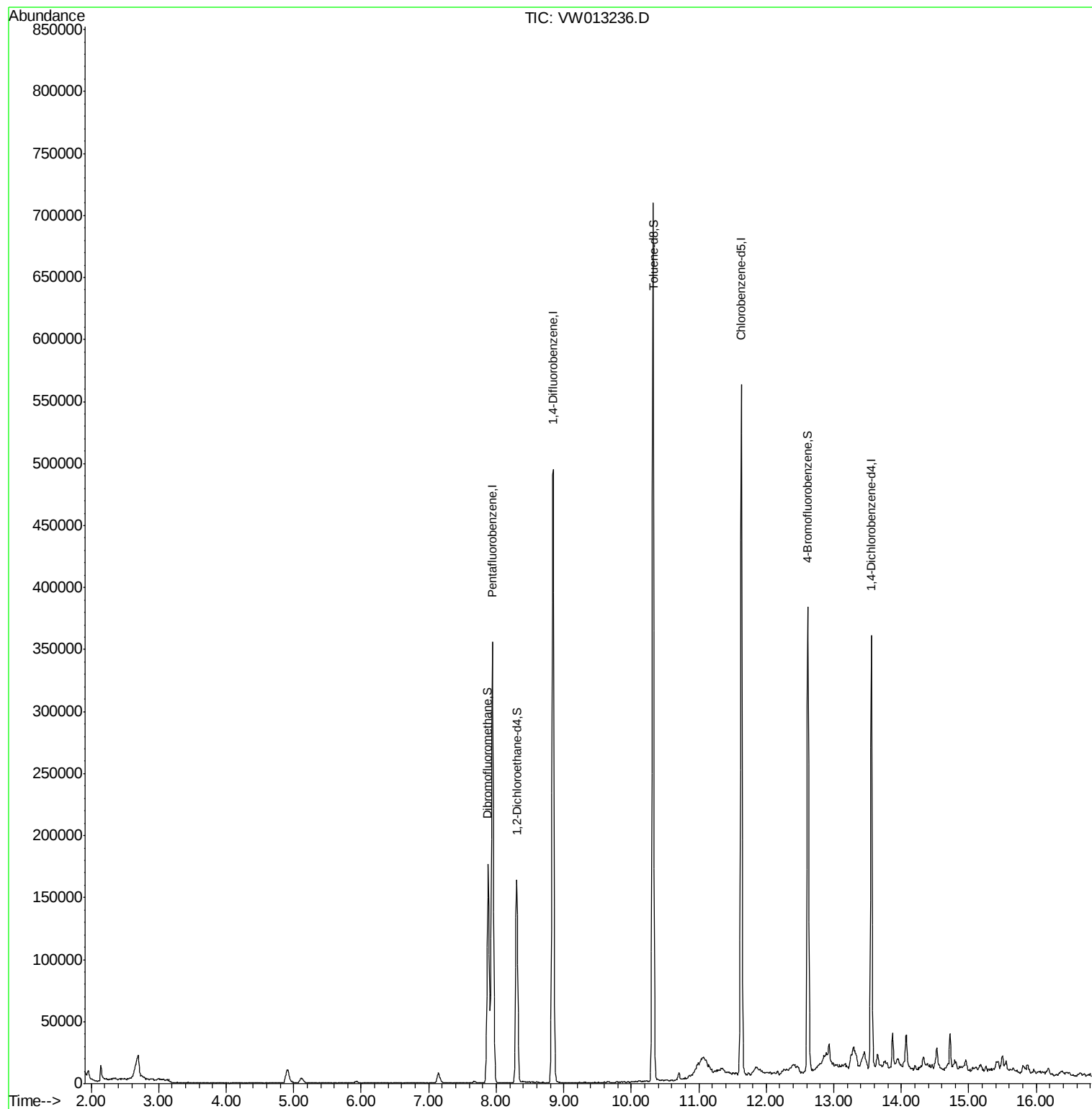
Target Compounds	Qvalue

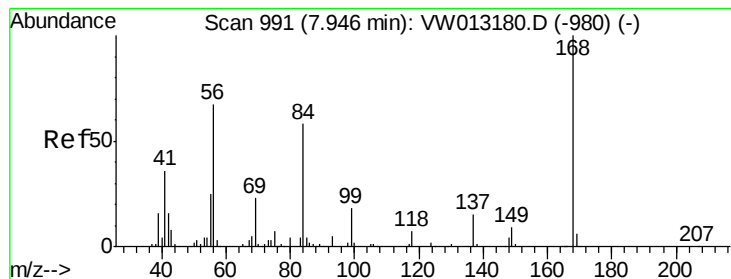
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

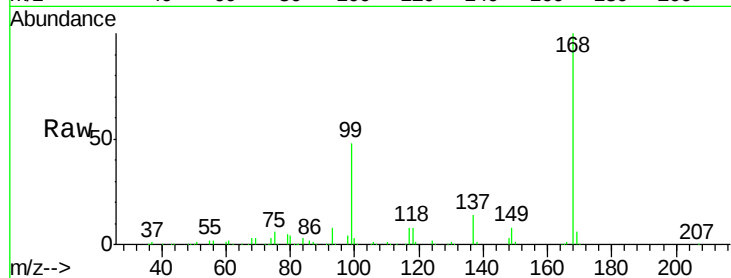
CSA-4-7-1RE

Tot Ion:168 Resp: 292453

Ion Ratio Lower Upper

168 100

99 47.9 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

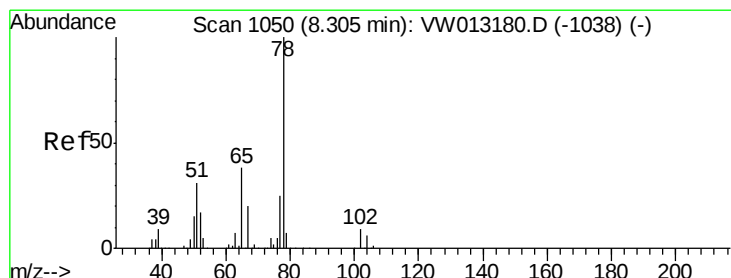
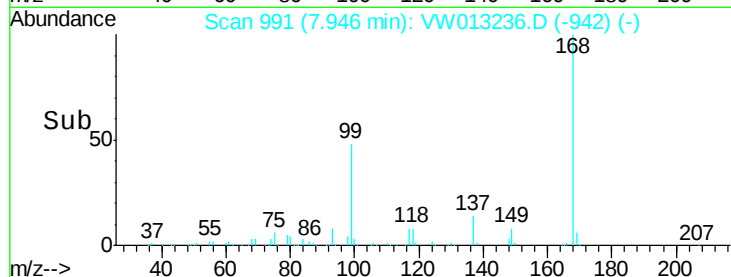
100000

50000

0

7.90 8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.896 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013236.D

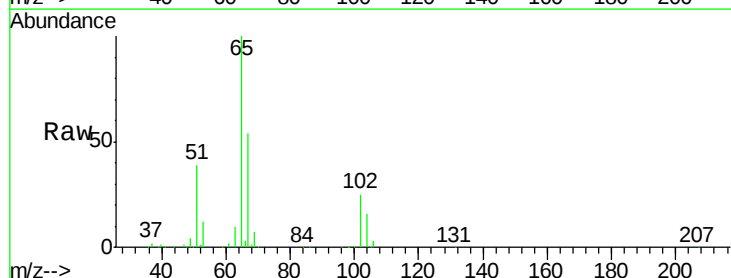
Acq: 23 Sep 2019 17:22

Tgt Ion: 65 Resp: 126255

Ion Ratio Lower Upper

65 100

67 54.8 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

60000

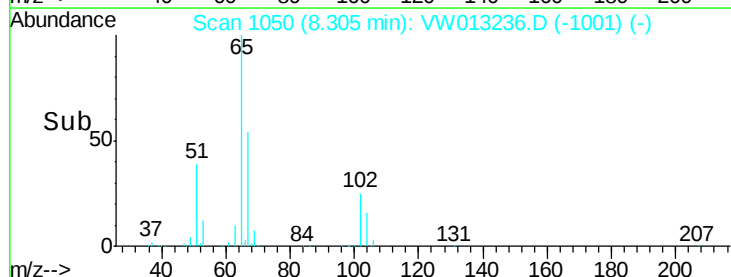
40000

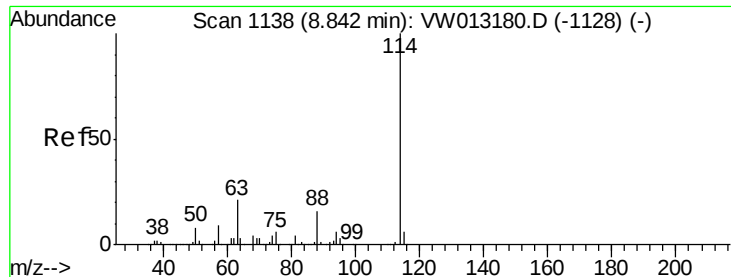
20000

0

8.20 8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

CSA-4-7-1RE

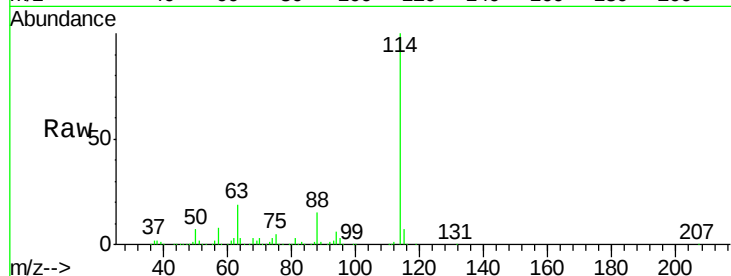
Tot Ion:114 Resp: 445304

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

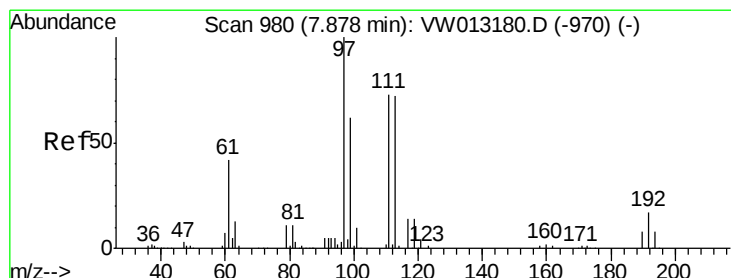
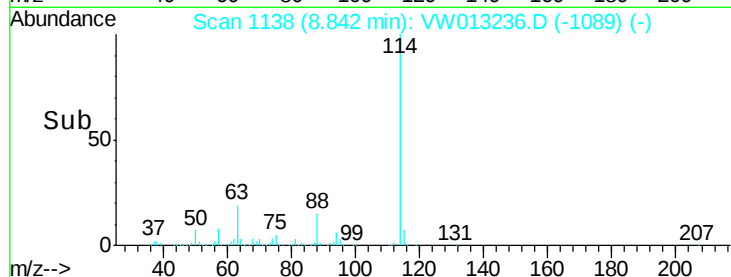
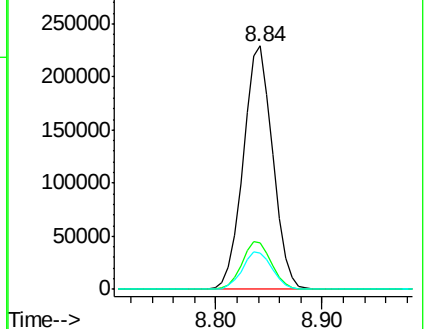
88 15.0 0.0 32.0



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: 51.523 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013236.D

Acq: 23 Sep 2019 17:22

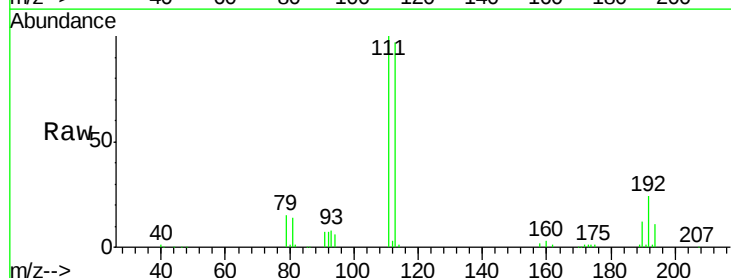
Tgt Ion:113 Resp: 126190

Ion Ratio Lower Upper

113 100

111 101.3 81.9 122.9

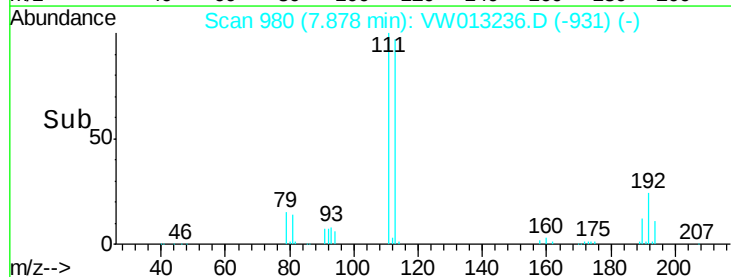
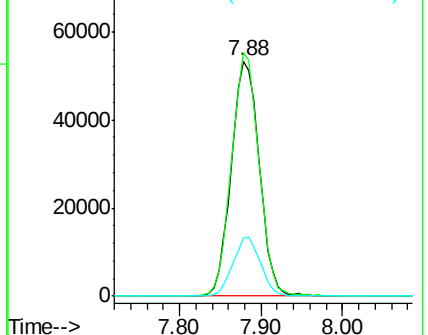
192 24.4 19.1 28.7

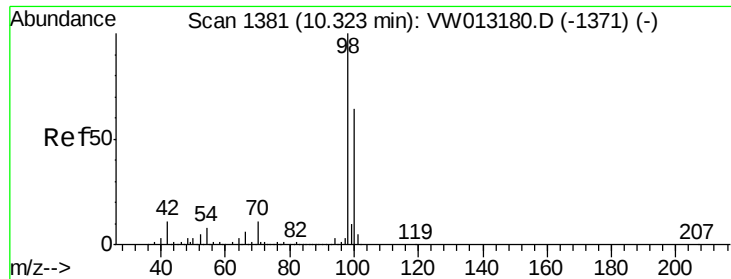


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

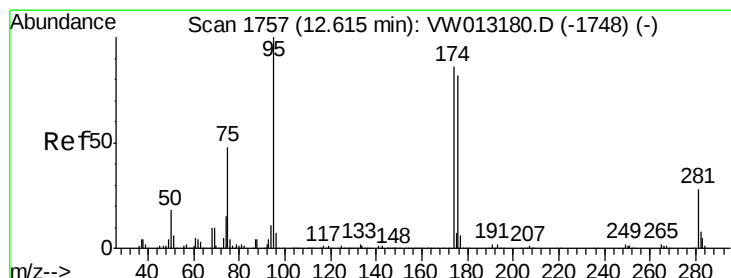
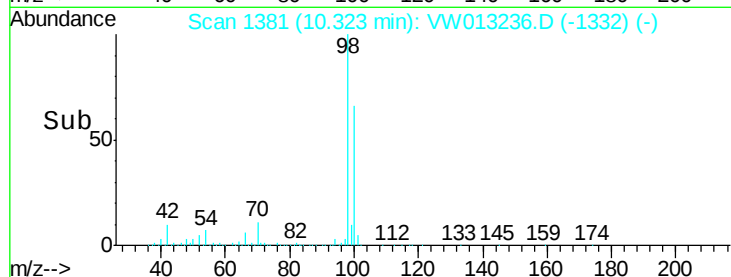
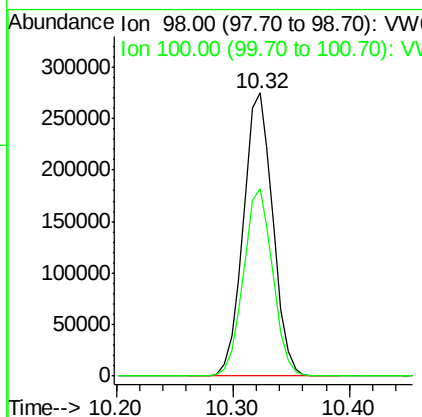
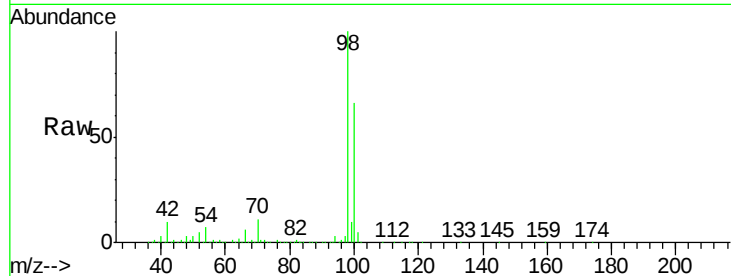




#50
Toluene-d8
Concen: 47.291 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013236.D
Acq: 23 Sep 2019 17:22

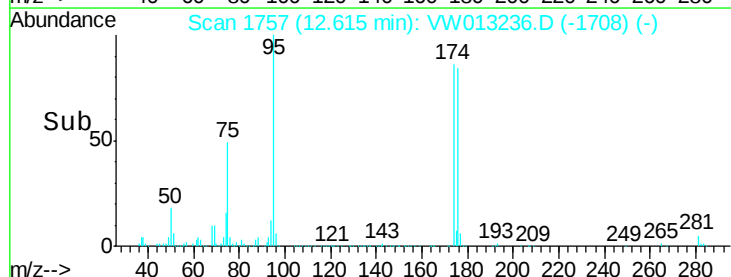
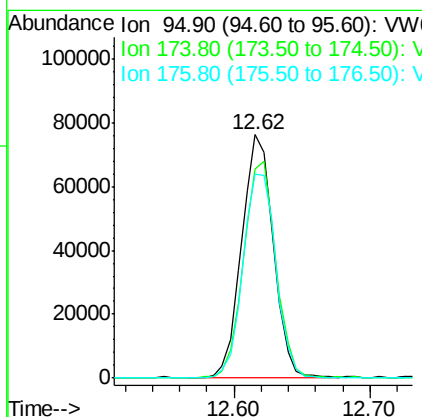
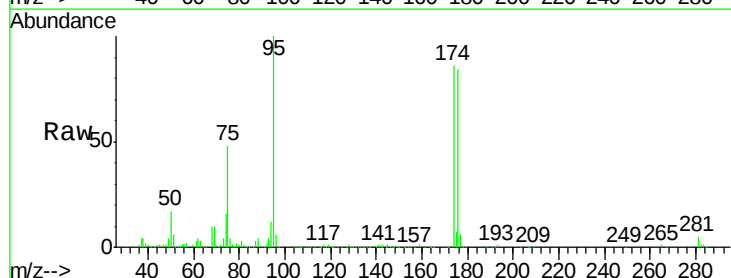
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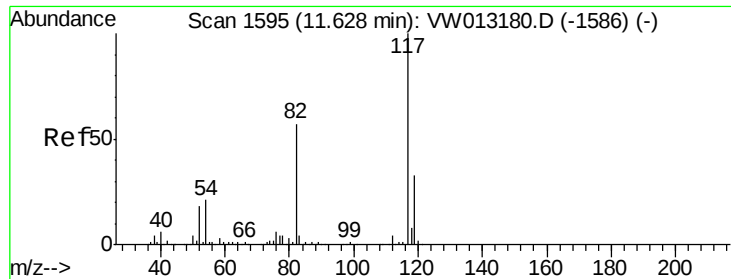
Tot Ion: 98 Resp: 484733
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 35.248 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013236.D
Acq: 23 Sep 2019 17:22

Tgt Ion: 95 Resp: 123415
Ion Ratio Lower Upper
95 100
174 90.9 0.0 178.4
176 88.0 0.0 172.2

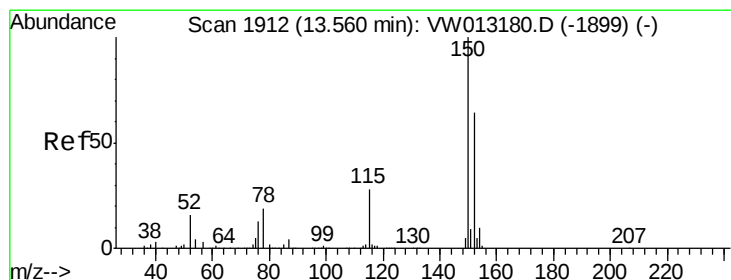
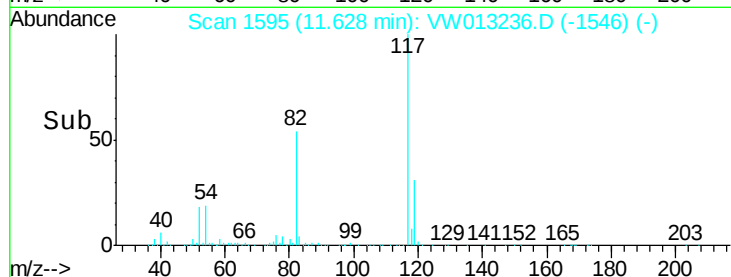
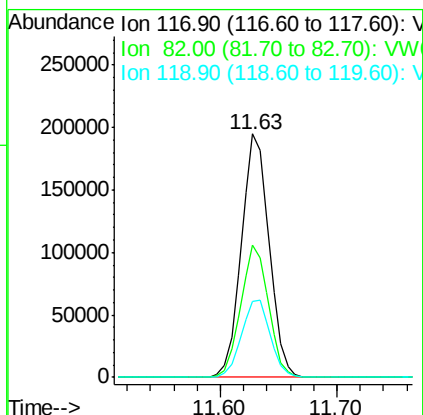
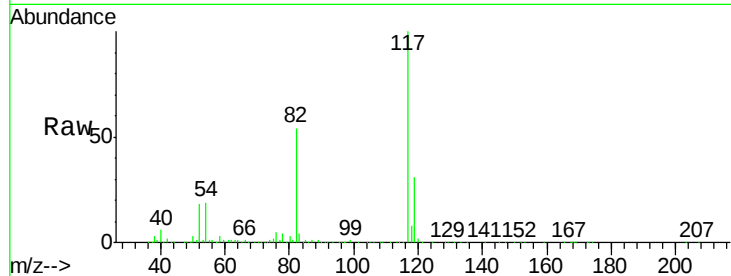




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013236.D
Acq: 23 Sep 2019 17:22

Instrument :
MSVOA_W
ClientSampleId :
CSA-4-7-1RE

Tot Ion:117 Resp: 324696
Ion Ratio Lower Upper
117 100
82 54.1 45.9 68.9
119 31.1 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: VW013236.D
Acq: 23 Sep 2019 17:22

Tgt Ion:152 Resp: 98630
Ion Ratio Lower Upper
152 100
115 55.0 27.3 81.9
150 159.9 0.0 349.0

