

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102319\
 Data File : VW013698.D
 Acq On : 24 Oct 2019 06:08
 Operator : SY/VA
 Sample : K5503-02
 Misc : 5.77G/5ML/MSVOA W/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 176-28-(2.5)

Quant Time: Oct 24 08:54:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	293087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	450373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	362155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	132569	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	126220	57.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.82%	
35) Dibromofluoromethane	7.88	113	133338	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
50) Toluene-d8	10.32	98	515242	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
62) 4-Bromofluorobenzene	12.62	95	143306	41.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.00%	

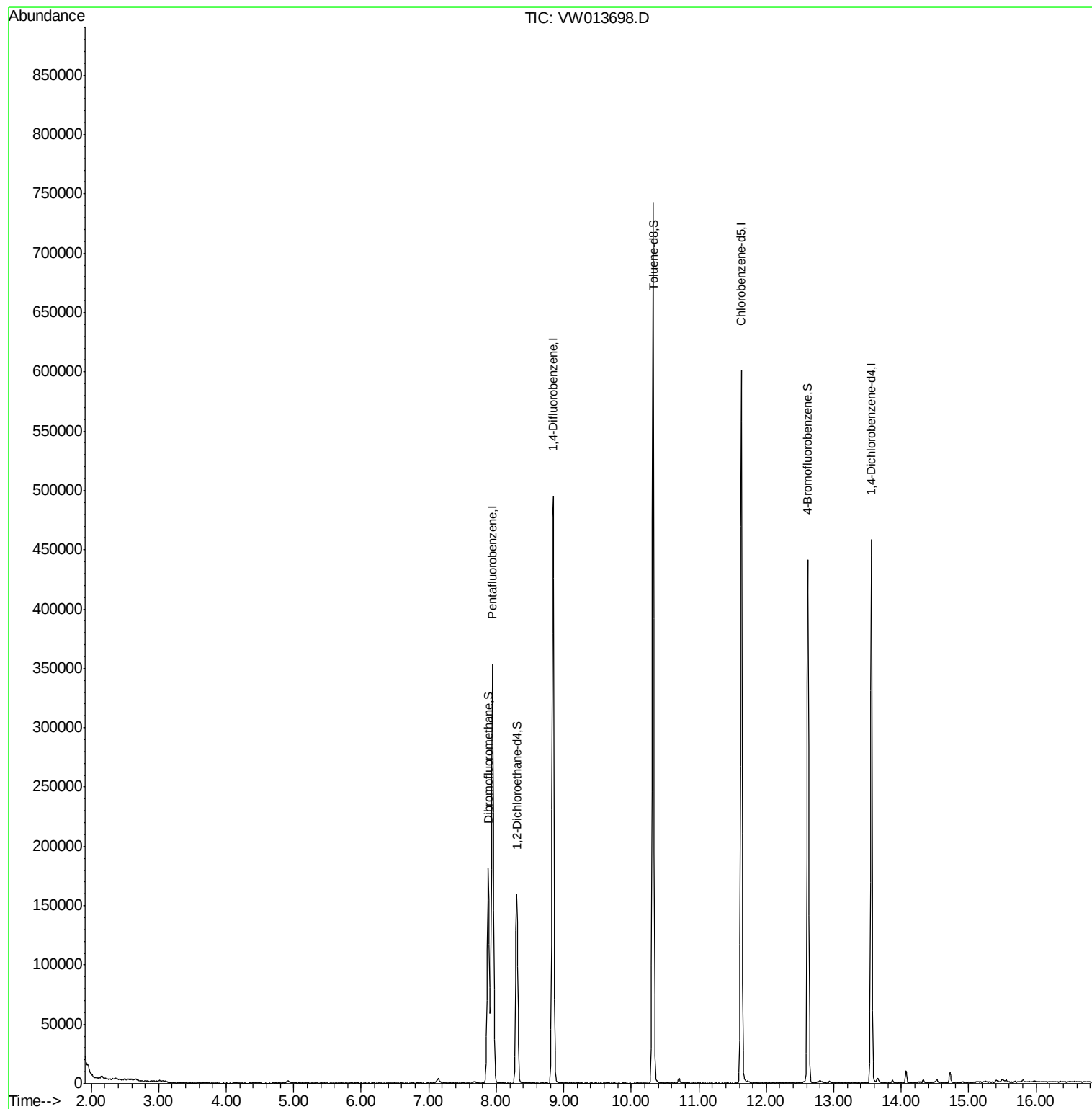
Target Compounds	Qvalue

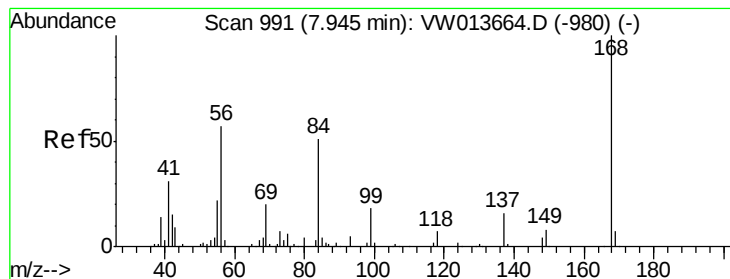
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013698.D

Acq: 24 Oct 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

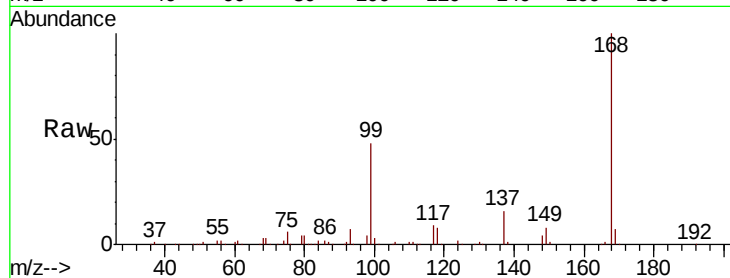
176-28-(2.5)

Tot Ion:168 Resp: 293087

Ion Ratio Lower Upper

168 100

99 47.6 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

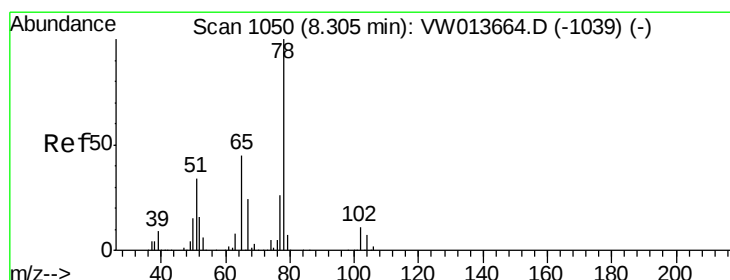
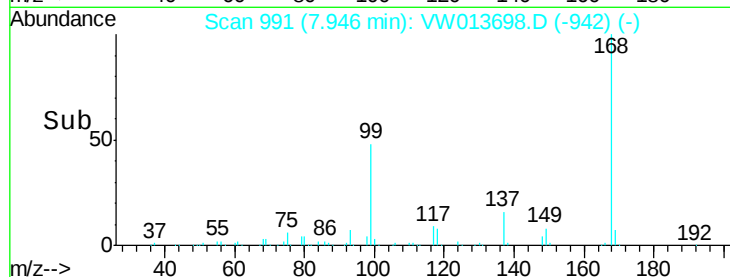
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 57.408 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013698.D

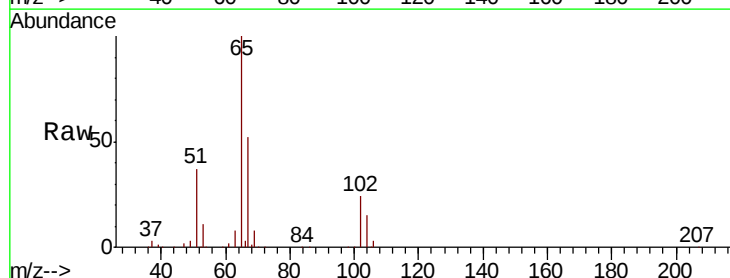
Acq: 24 Oct 2019 06:08

Tgt Ion: 65 Resp: 126220

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.30

60000

50000

40000

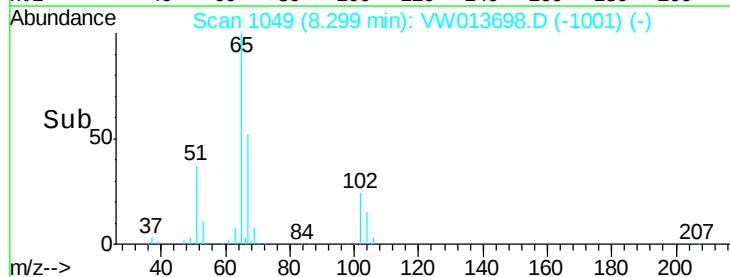
30000

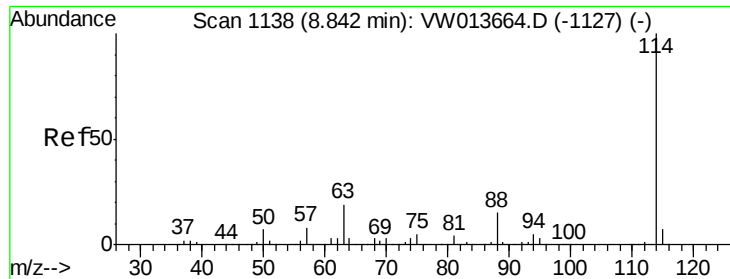
20000

10000

0

Time--> 8.20 8.30 8.40

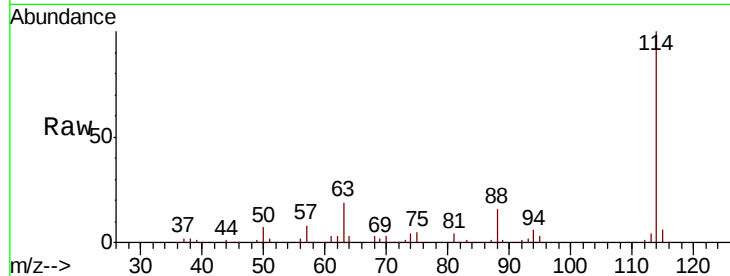




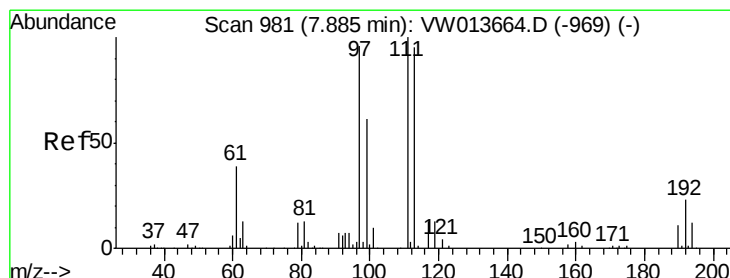
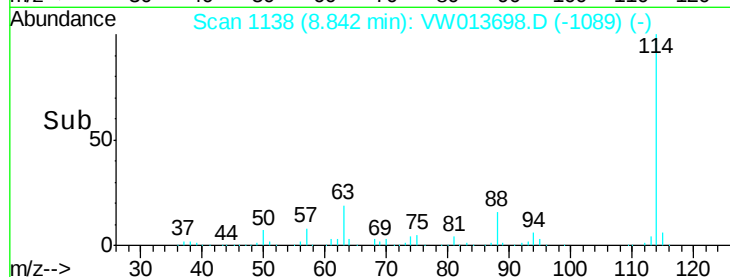
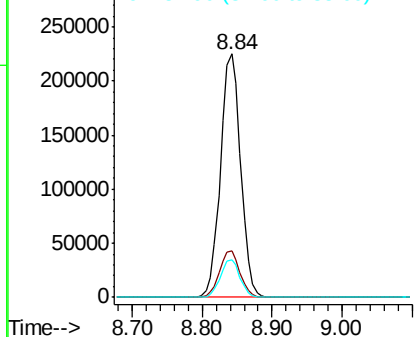
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Instrument :
MSVOA_W
ClientSampleId :
176-28-(2.5)

Tot Ion:114 Resp: 450373
Ion Ratio Lower Upper
114 100
63 19.1 0.0 37.6
88 15.5 0.0 30.2

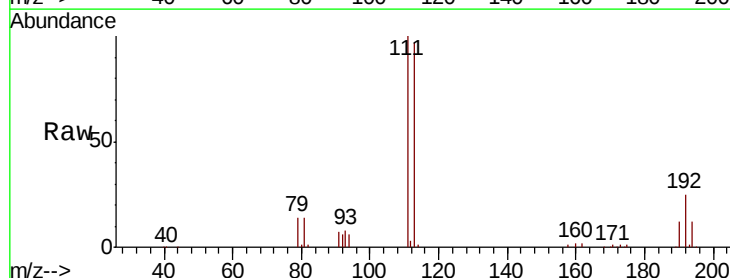


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

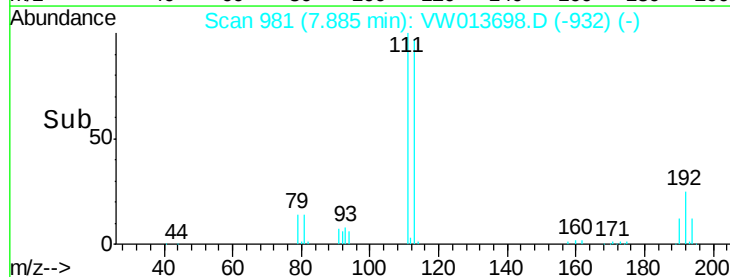
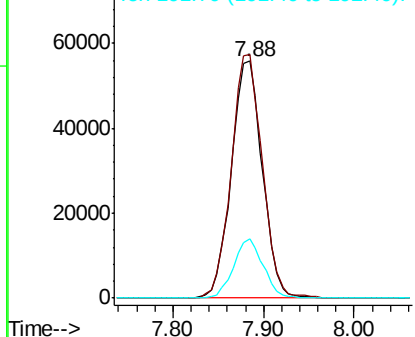


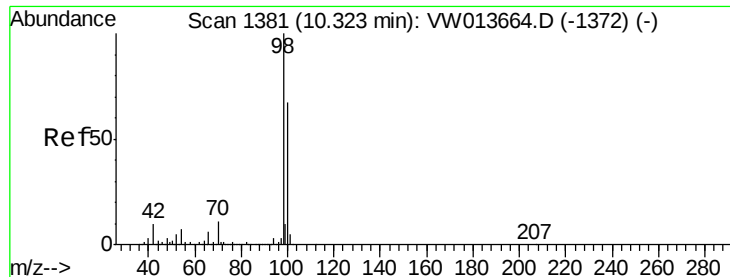
#35
Dibromofluoromethane
Concen: 53.281 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Tgt Ion:113 Resp: 133338
Ion Ratio Lower Upper
113 100
111 103.0 83.0 124.6
192 23.9 19.4 29.2



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: 50.528 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

Instrument :

MSVOA_W

ClientSampleId :

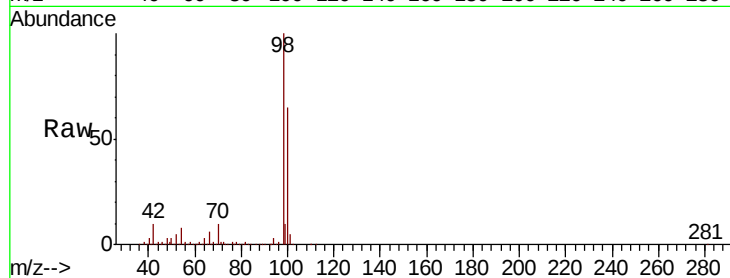
176-28-(2.5)

Tot Ion: 98 Resp: 515242

Ion Ratio Lower Upper

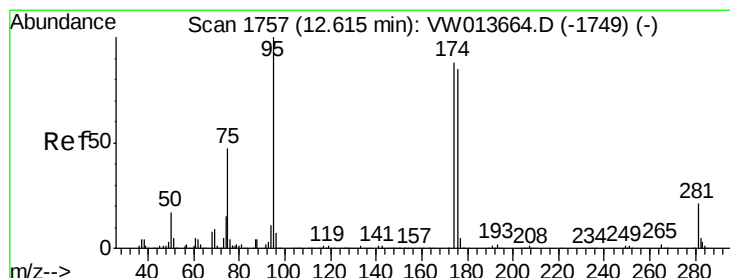
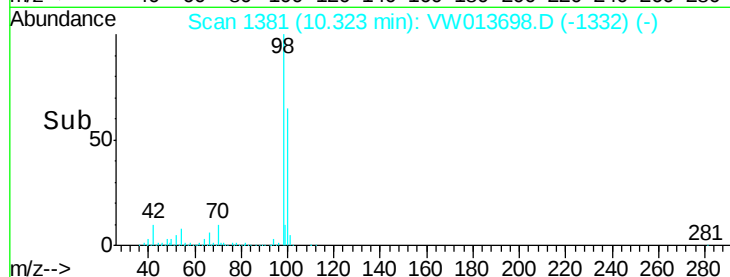
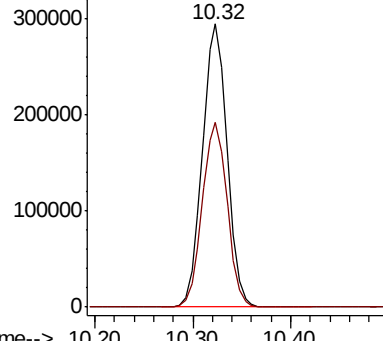
98 100

100 65.9 53.4 80.0



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 41.504 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013698.D

Acq: 24 Oct 2019 06:08

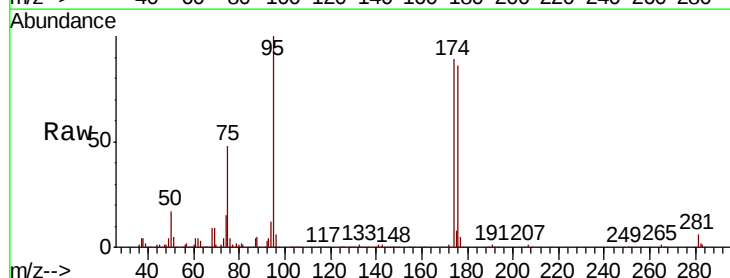
Tgt Ion: 95 Resp: 143306

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

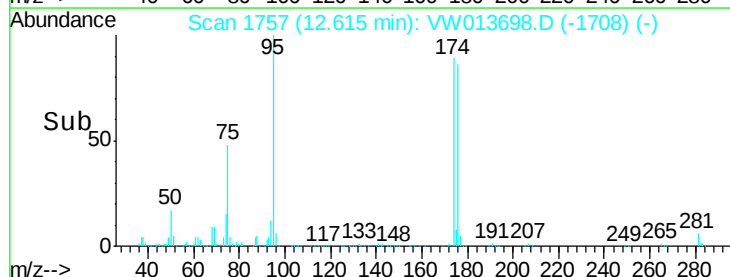
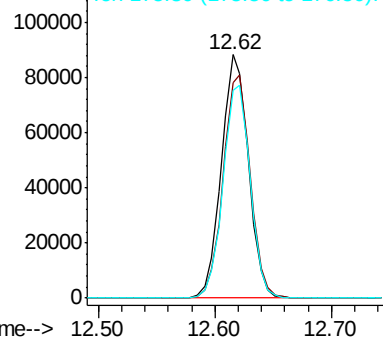
176 88.1 0.0 178.0

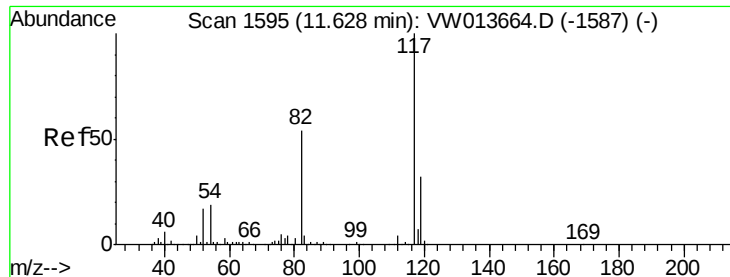


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

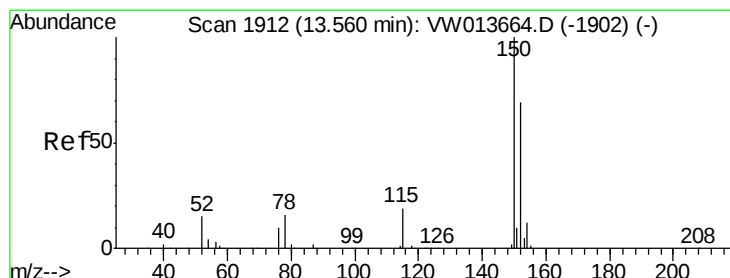
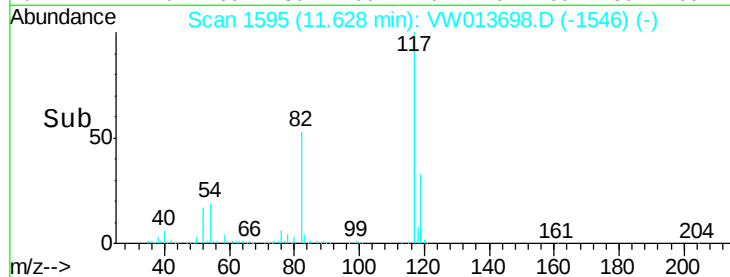
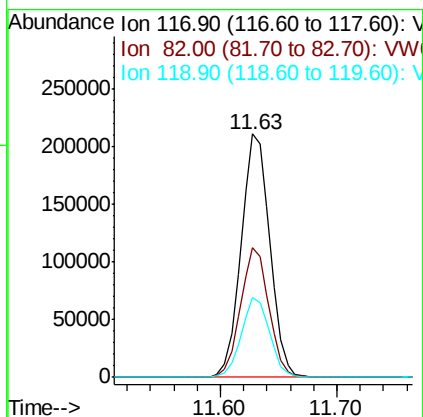
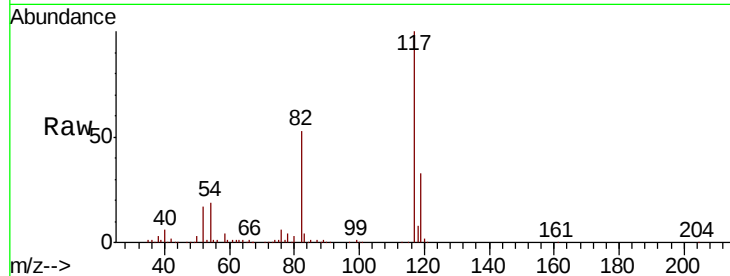




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Instrument :
MSVOA_W
ClientSampled :
176-28-(2.5)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	43.6	65.4
119	32.8	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013698.D
Acq: 24 Oct 2019 06:08

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.4	82.2
150	157.0	0.0	345.4

