

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013722.D
 Acq On : 24 Oct 2019 20:12
 Operator : SY/VA
 Sample : K5502-14
 Misc : 6.58G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 178-60-(2.1)

Quant Time: Oct 25 08:25:36 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	273600	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	417417	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	139025	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	113368	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
35) Dibromofluoromethane	7.88	113	120066	51.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.54%	
50) Toluene-d8	10.32	98	473816	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	12.62	95	139770	43.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.36%	

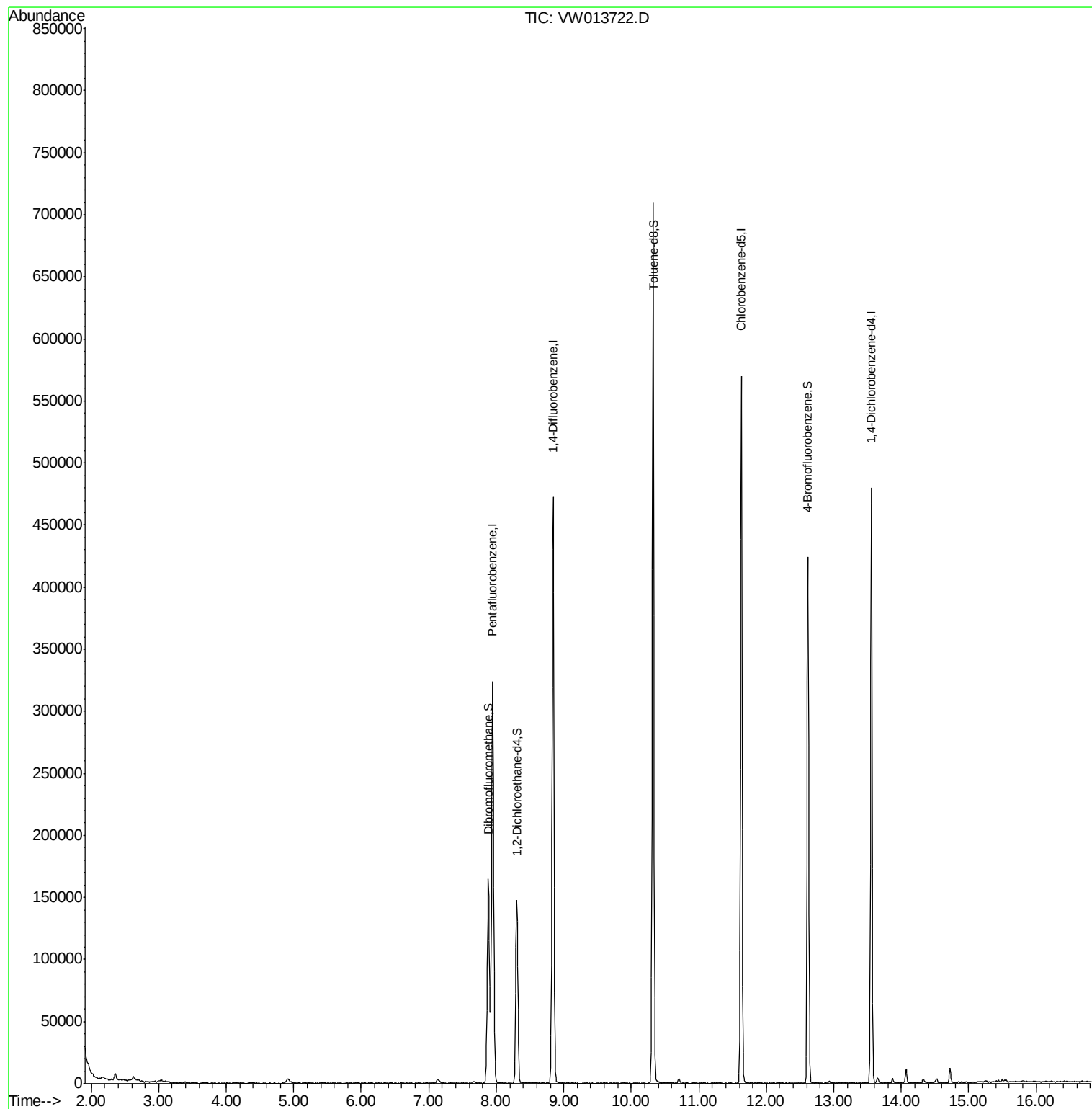
Target Compounds	Qvalue

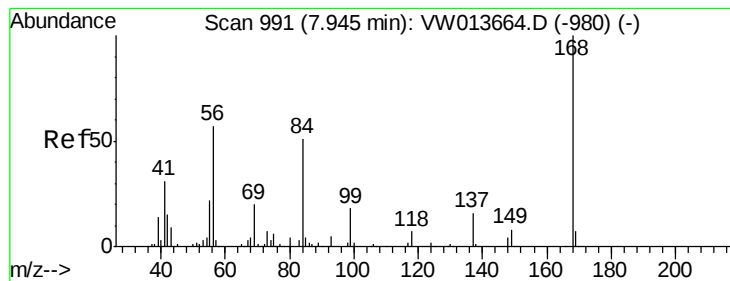
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013722.D

Acq: 24 Oct 2019 20:12

Instrument :

MSVOA_W

ClientSampled :

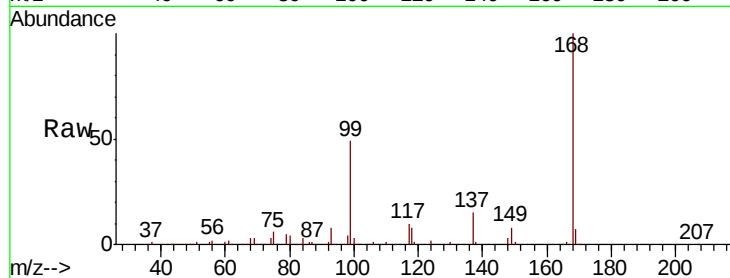
178-60-(2.1)

Tot Ion:168 Resp: 273600

Ion Ratio Lower Upper

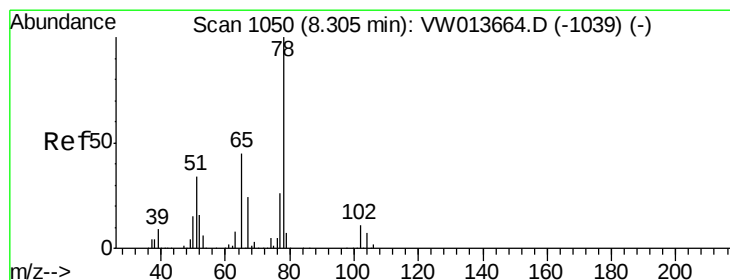
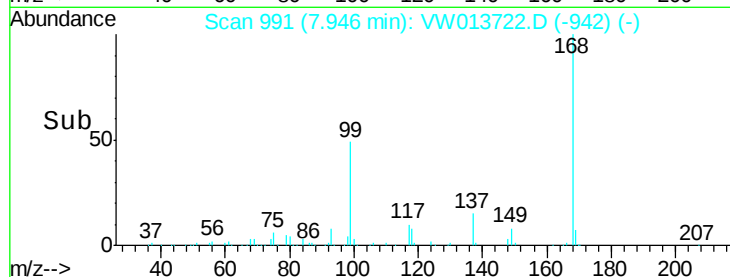
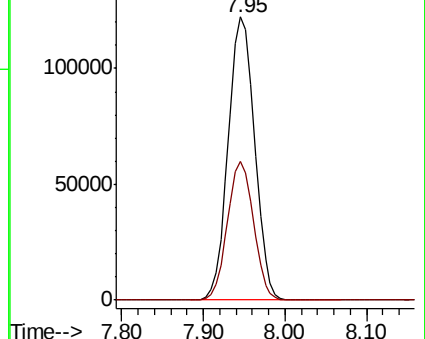
168 100

99 48.9 39.0 58.6



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: 55.236 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013722.D

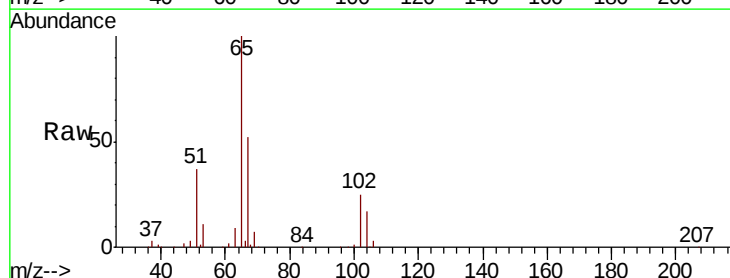
Acq: 24 Oct 2019 20:12

Tgt Ion: 65 Resp: 113368

Ion Ratio Lower Upper

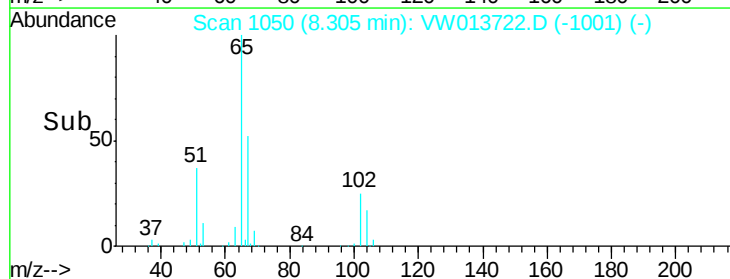
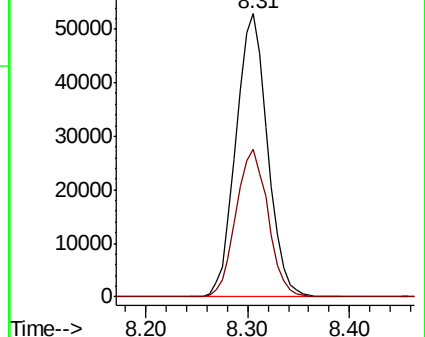
65 100

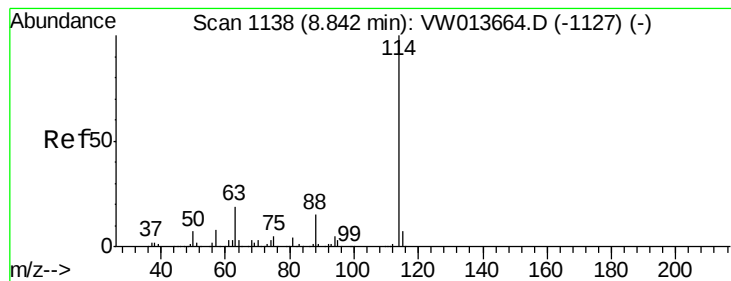
67 53.1 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

Instrument :

MSVOA_W

ClientSampleId :

178-60-(2.1)

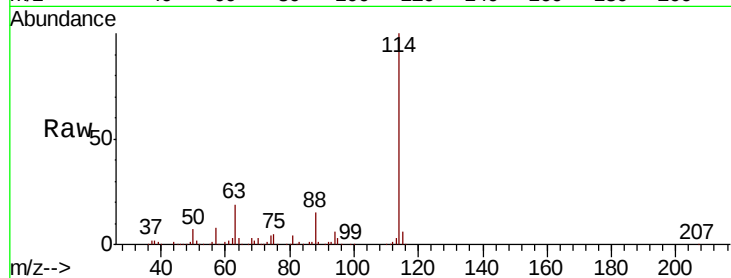
Tot Ion:114 Resp: 417417

Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.6

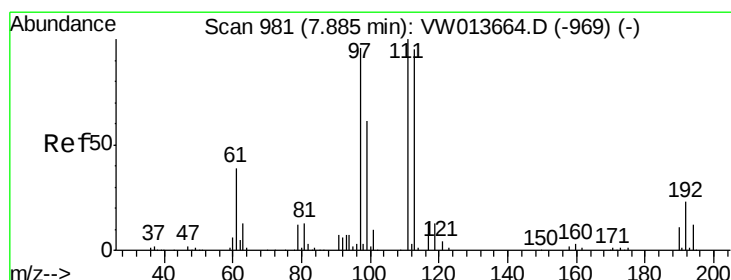
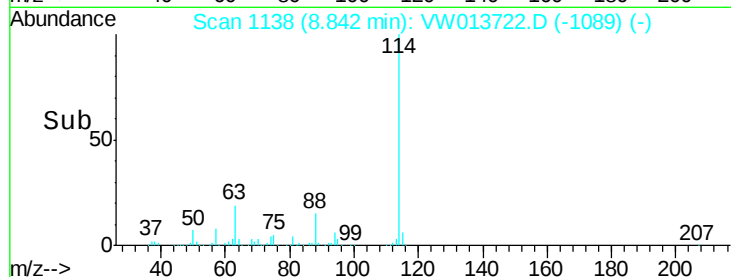
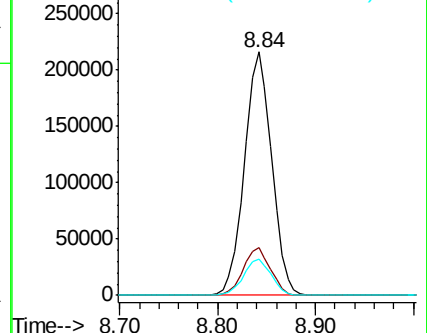
88 14.7 0.0 30.2



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: 51.766 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

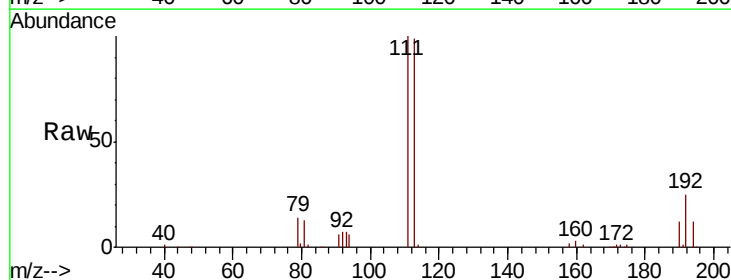
Tgt Ion:113 Resp: 120066

Ion Ratio Lower Upper

113 100

111 103.2 83.0 124.6

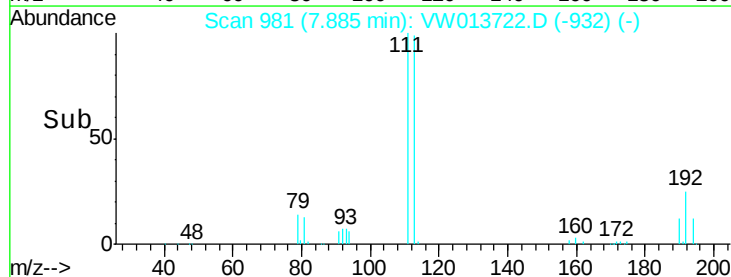
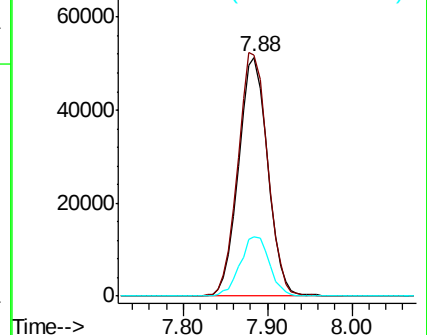
192 25.0 19.4 29.2

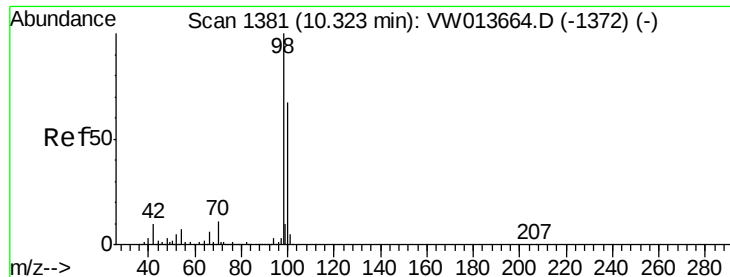


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.134 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

Instrument :

MSVOA_W

ClientSampleId :

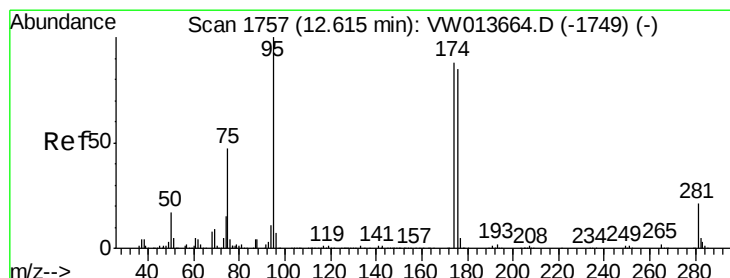
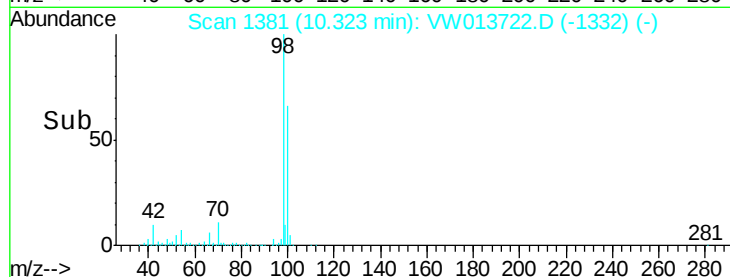
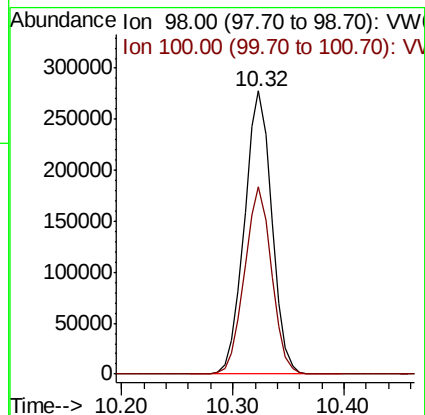
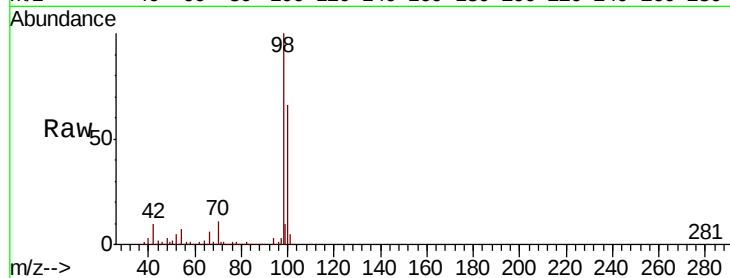
178-60-(2.1)

Tot Ion: 98 Resp: 473816

Ion Ratio Lower Upper

98 100

100 65.5 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 43.676 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013722.D

Acq: 24 Oct 2019 20:12

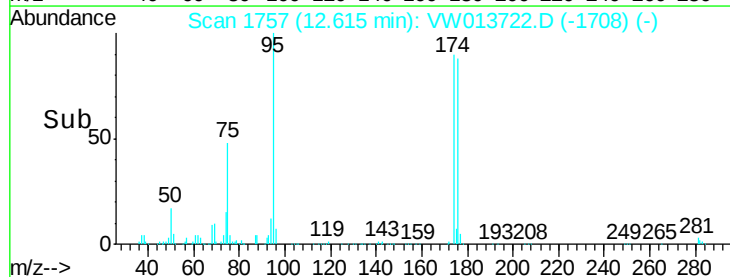
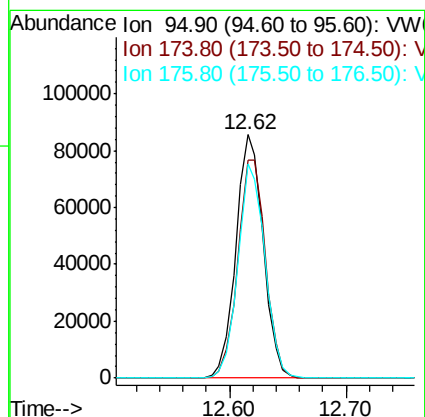
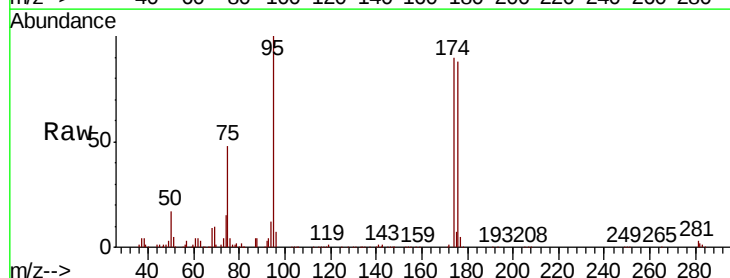
Tgt Ion: 95 Resp: 139770

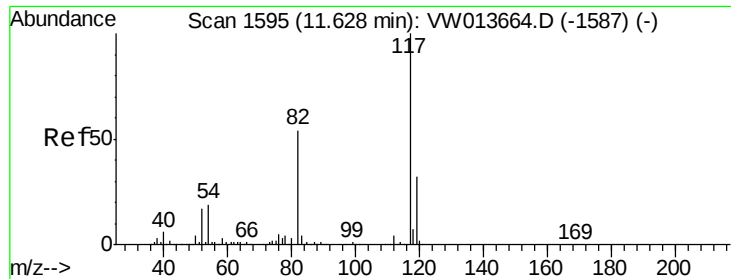
Ion Ratio Lower Upper

95 100

174 91.3 0.0 183.6

176 87.0 0.0 178.0

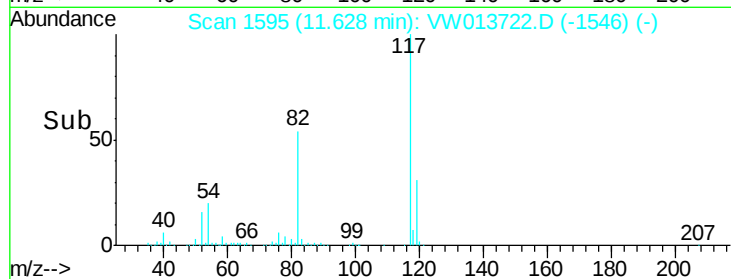
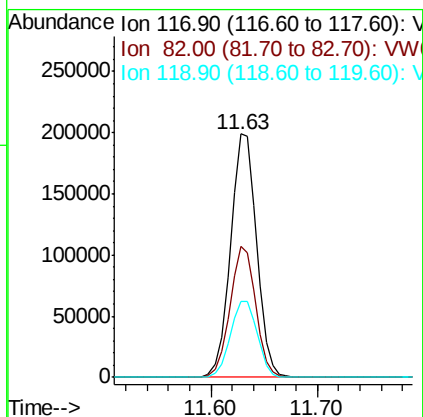
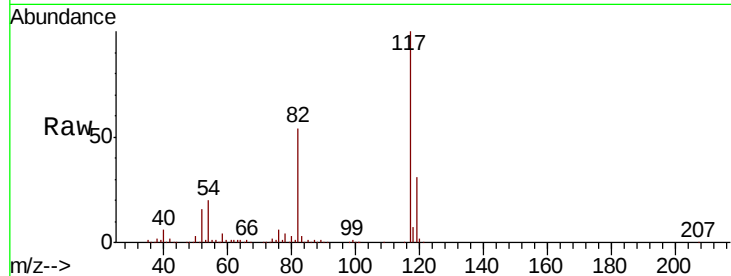




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Instrument :
MSVOA_W
ClientSampleId :
178-60-(2.1)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.6	65.4
119	31.3	25.4	38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013722.D
Acq: 24 Oct 2019 20:12

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.0	27.4	82.2
150	155.8	0.0	345.4

