

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102419\
 Data File : VW013714.D
 Acq On : 24 Oct 2019 16:44
 Operator : SY/VA
 Sample : K5501-02
 Misc : 8.08G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 187-88-(2)

Quant Time: Oct 25 08:10:55 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	273493	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	418702	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	340614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	136419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	110203	53.71	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	107.42%	
35) Dibromofluoromethane	7.88	113	118637	50.99	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.98%	
50) Toluene-d8	10.32	98	474940	50.10	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.20%	
62) 4-Bromofluorobenzene	12.62	95	136822	42.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.24%	

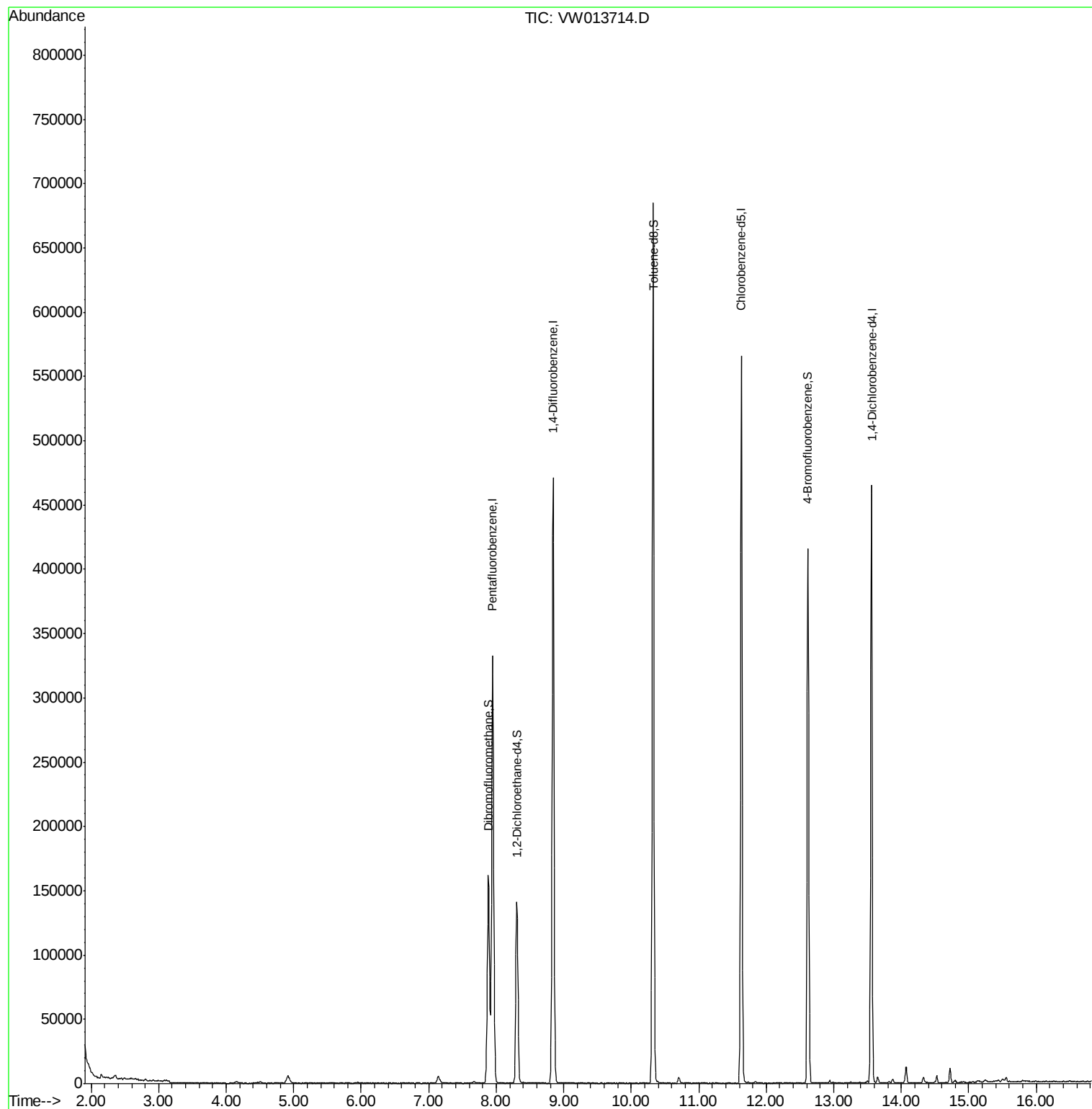
Target Compounds	Qvalue
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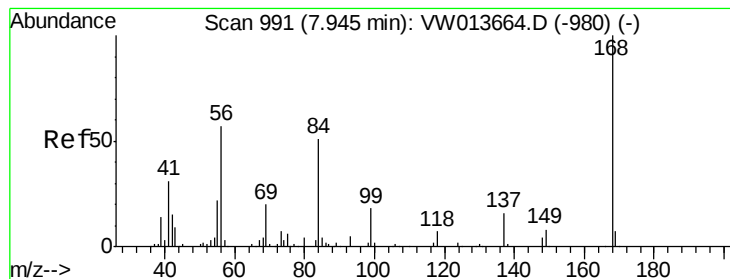
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

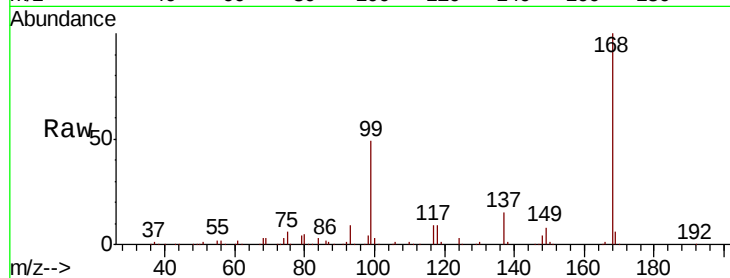
187-88-(2)

Tot Ion:168 Resp: 273493

Ion Ratio Lower Upper

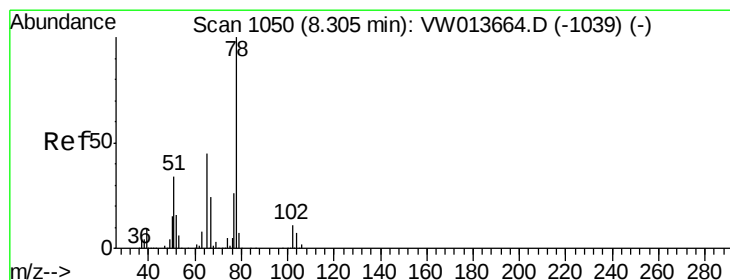
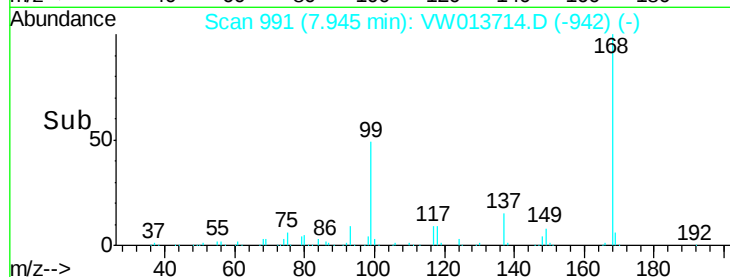
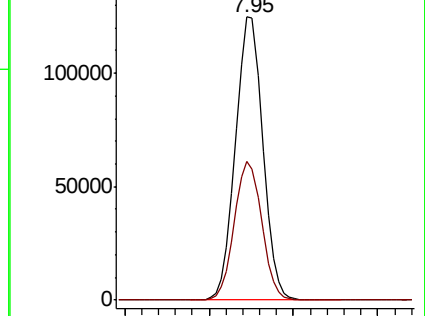
168 100

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: 53.714 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013714.D

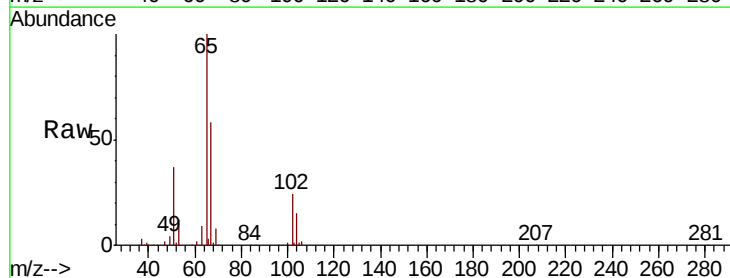
Acq: 24 Oct 2019 16:44

Tgt Ion: 65 Resp: 110203

Ion Ratio Lower Upper

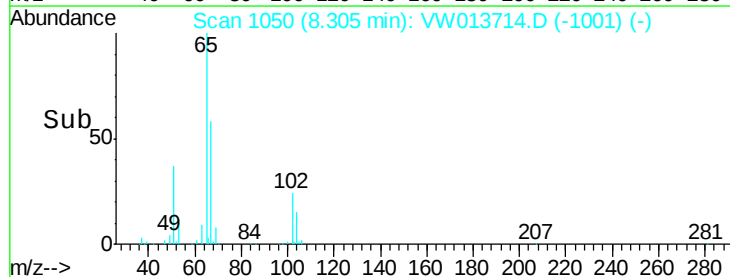
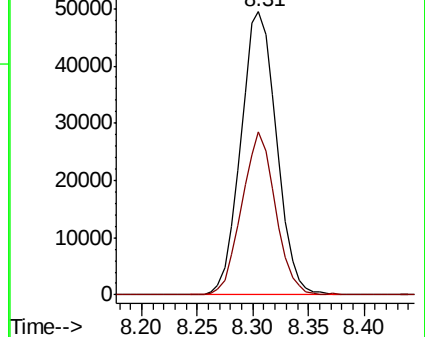
65 100

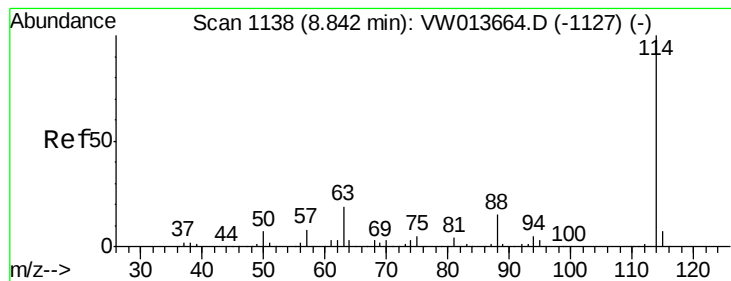
67 54.4 0.0 109.4



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: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

187-88-(2)

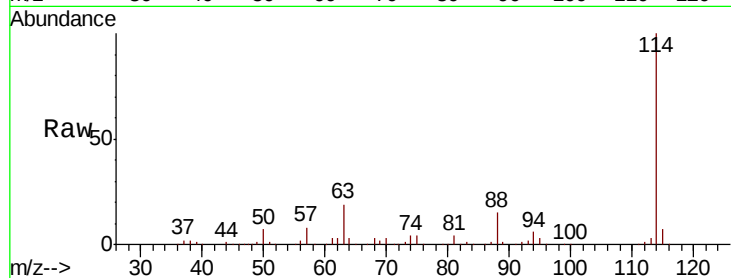
Tot Ion:114 Resp: 418702

Ion Ratio Lower Upper

114 100

63 18.8 0.0 37.6

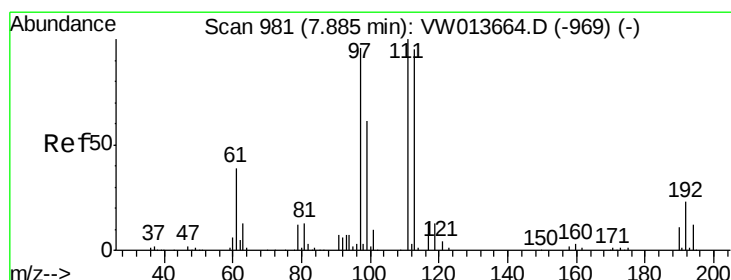
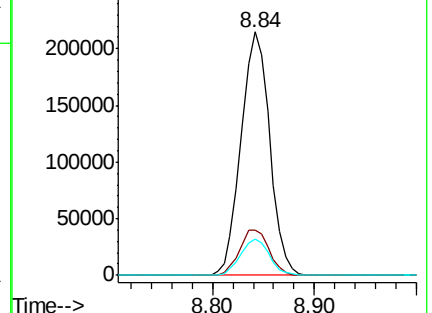
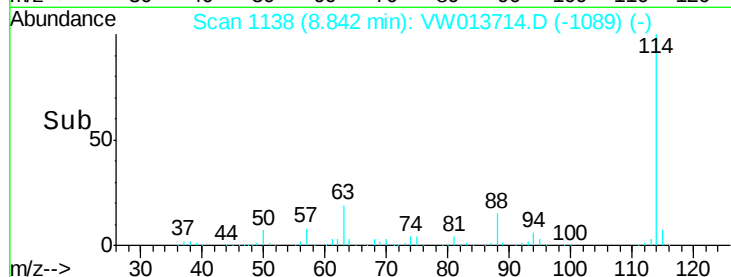
88 15.0 0.0 30.2



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: 50.993 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

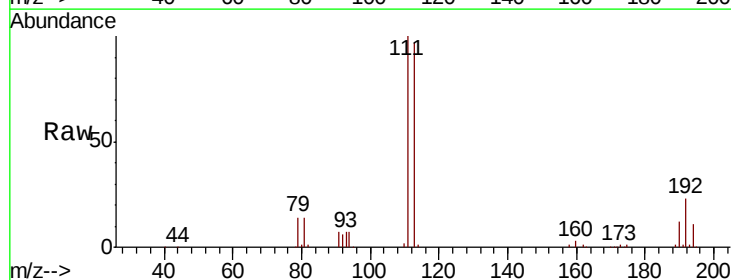
Tgt Ion:113 Resp: 118637

Ion Ratio Lower Upper

113 100

111 103.8 83.0 124.6

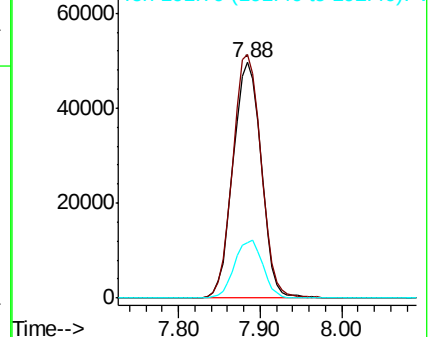
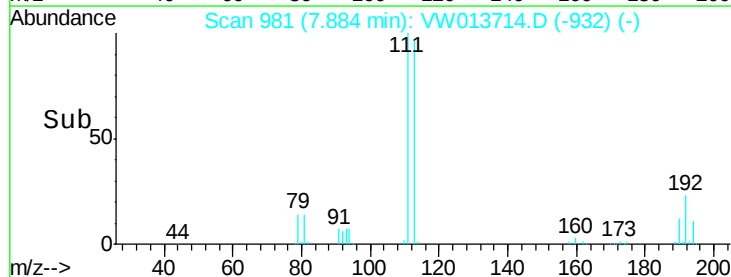
192 24.6 19.4 29.2

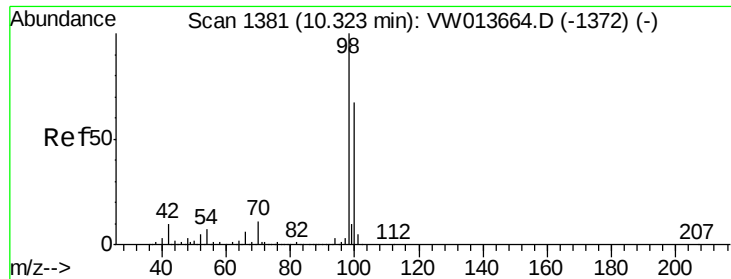


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.099 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

Instrument :

MSVOA_W

ClientSampleId :

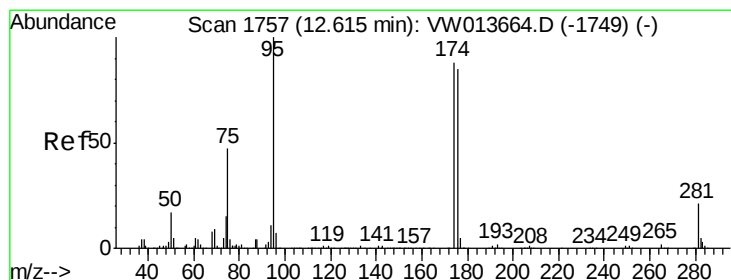
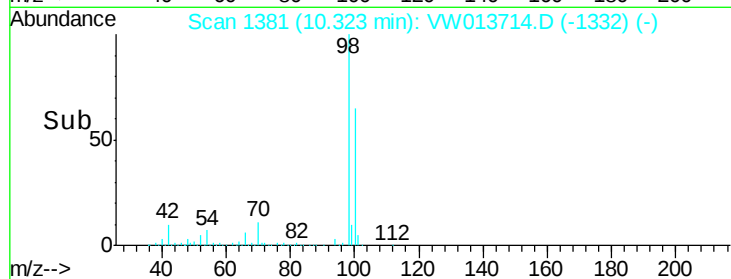
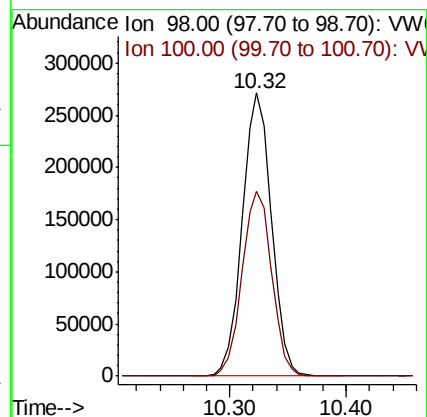
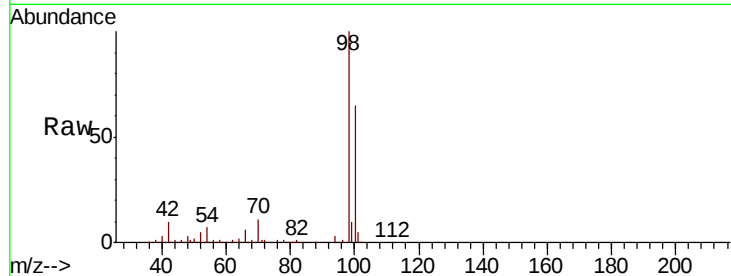
187-88-(2)

Tot Ion: 98 Resp: 474940

Ion Ratio Lower Upper

98 100

100 66.4 53.4 80.0



#62

4-Bromofluorobenzene

Concen: 42.624 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013714.D

Acq: 24 Oct 2019 16:44

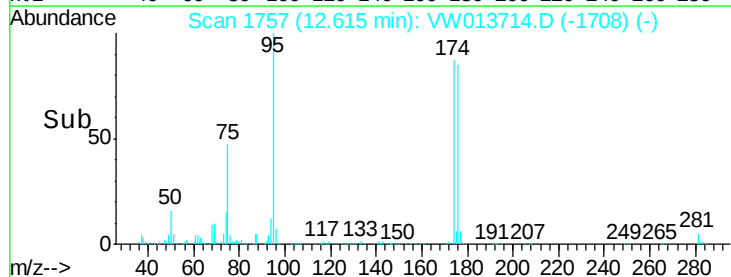
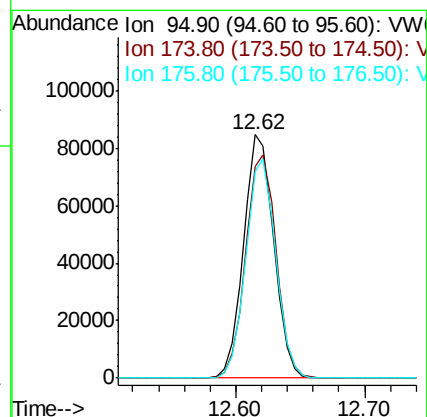
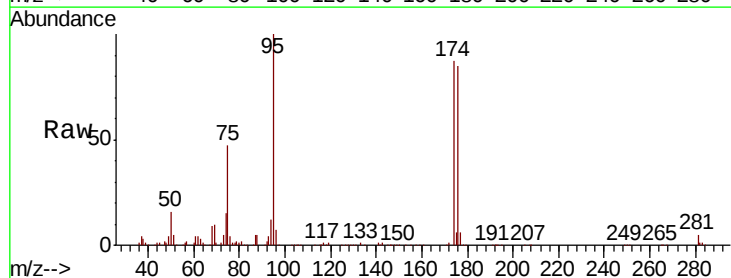
Tgt Ion: 95 Resp: 136822

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.6

176 89.2 0.0 178.0

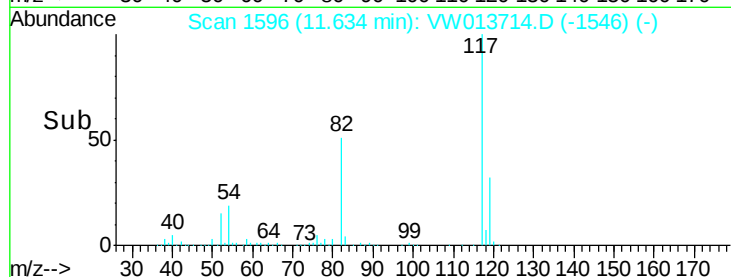
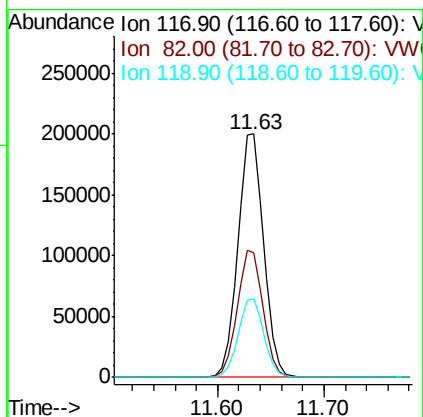
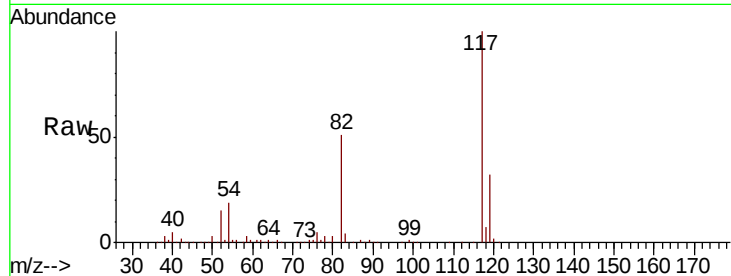




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW013714.D
Acq: 24 Oct 2019 16:44

Instrument :
MSVOA_W
ClientSampleId :
187-88-(2)

Tot Ion:117 Resp: 340614
Ion Ratio Lower Upper
117 100
82 51.0 43.6 65.4
119 32.4 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: VW013714.D
Acq: 24 Oct 2019 16:44

Tgt Ion:152 Resp: 136419
Ion Ratio Lower Upper
152 100
115 53.8 27.4 82.2
150 154.8 0.0 345.4

