

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013976.D
 Acq On : 12 Nov 2019 15:38
 Operator : SY/VA
 Sample : K5791-01
 Misc : 4.99G/5.0ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FINES-NORTH-BERGEN

Quant Time: Nov 13 07:13:50 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	274929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419394	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150085	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125943	61.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.14%	
35) Dibromofluoromethane	7.88	113	123085	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
50) Toluene-d8	10.32	98	478733	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	12.62	95	154887	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	

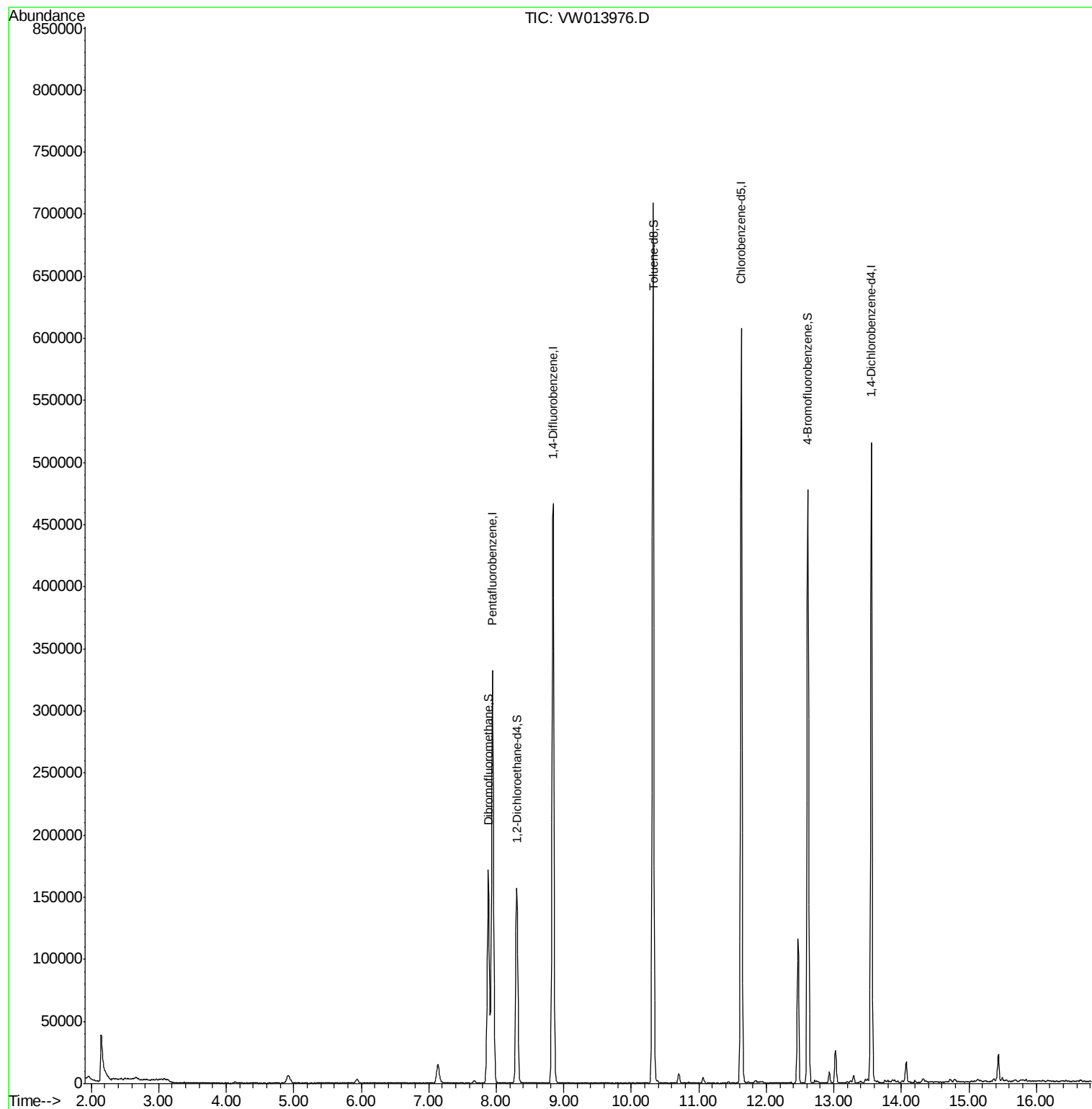
Target Compounds	Qvalue

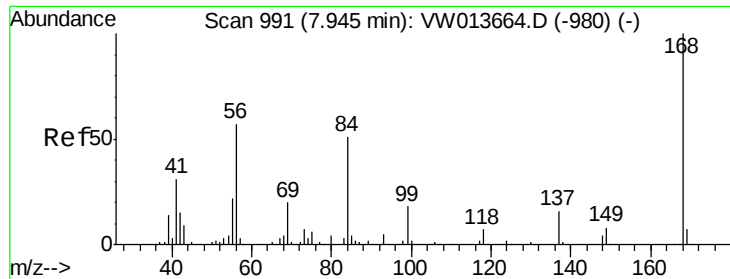
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW013976.D

Acq: 12 Nov 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

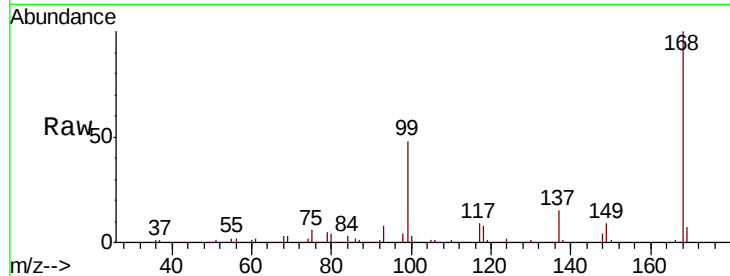
FINES-NORTH-BERGEN

Tot Ion:168 Resp: 274929

Ion Ratio Lower Upper

168 100

99 48.3 39.0 58.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

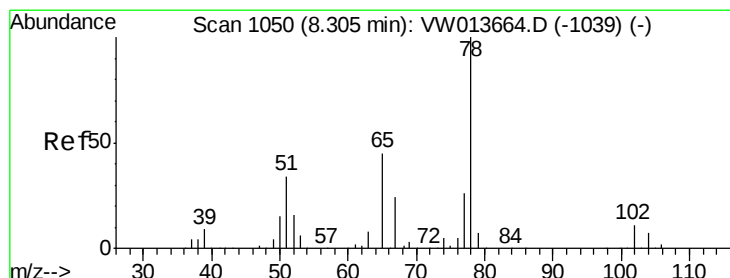
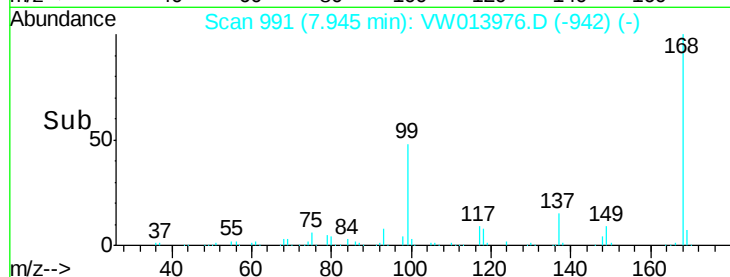
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#33

1,2-Dichloroethane-d4

Concen: 61.066 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013976.D

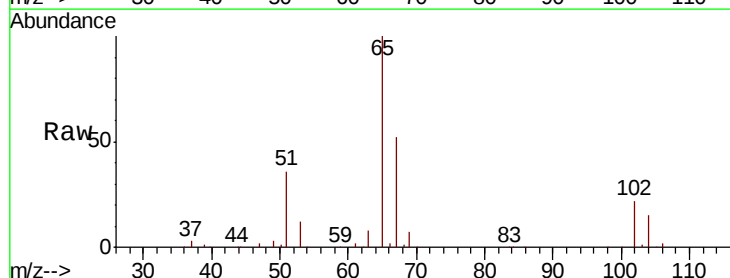
Acq: 12 Nov 2019 15:38

Tgt Ion: 65 Resp: 125943

Ion Ratio Lower Upper

65 100

67 52.3 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

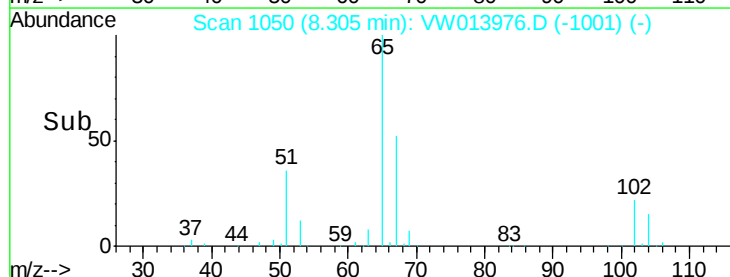
60000

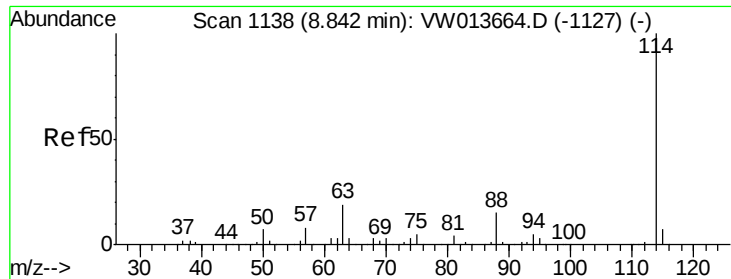
40000

20000

0

Time--> 8.20 8.30 8.40 8.50

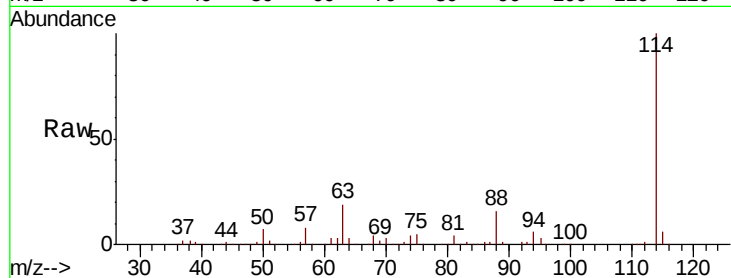




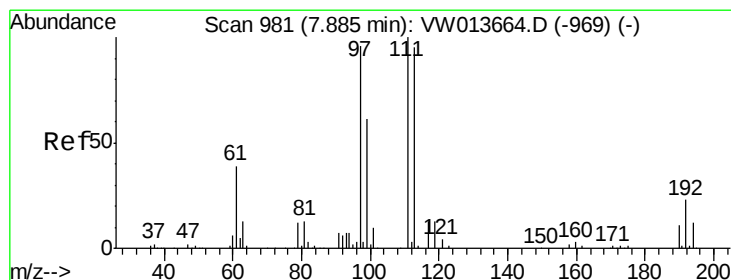
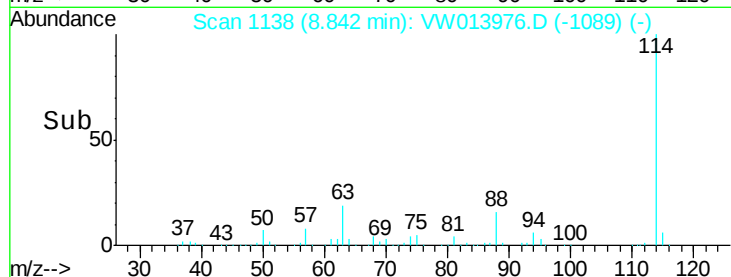
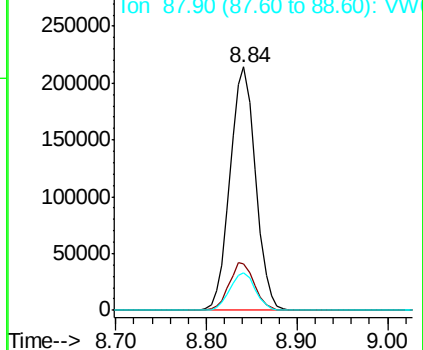
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
FINES-NORTH-BERGEN

Tot Ion:114 Resp: 419394
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.6
88 15.6 0.0 30.2

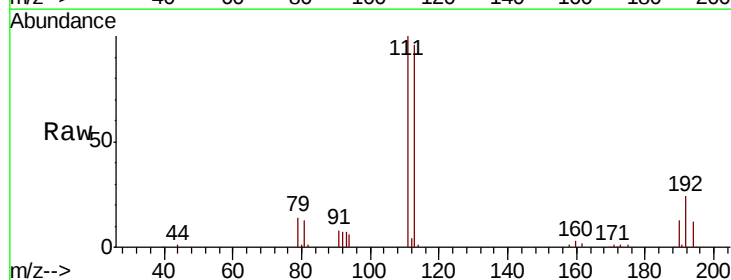


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

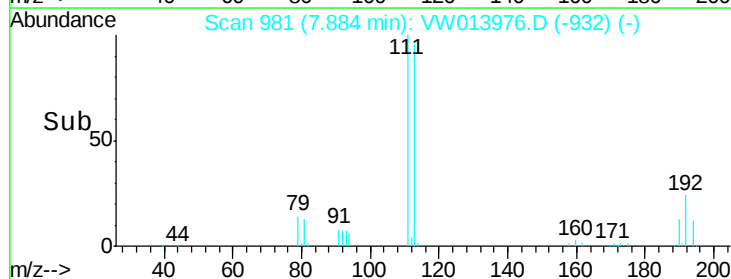
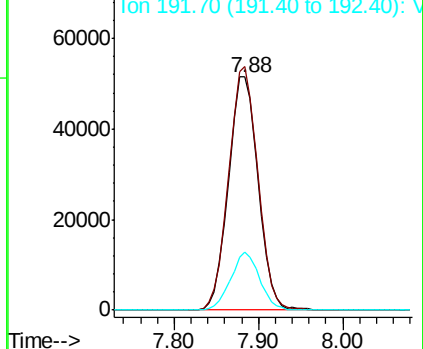


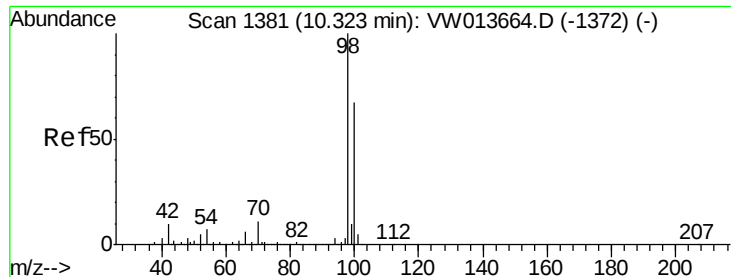
#35
Dibromofluoromethane
Concen: 52.817 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW013976.D
Acq: 12 Nov 2019 15:38

Tgt Ion:113 Resp: 123085
Ion Ratio Lower Upper
113 100
111 102.7 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: 50.416 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

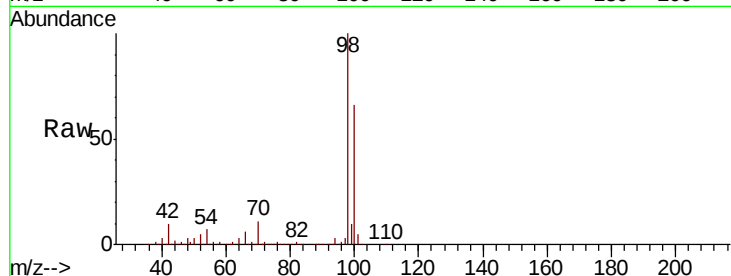
FINES-NORTH-BERGEN

Tot Ion: 98 Resp: 478733

Ion Ratio Lower Upper

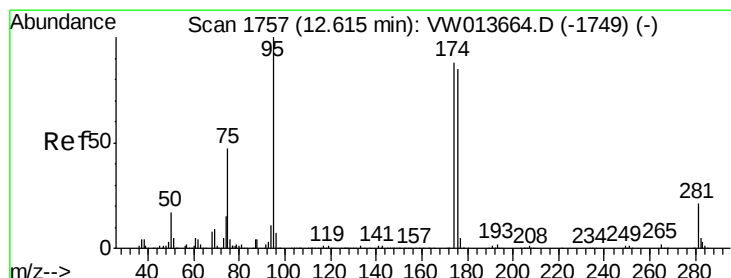
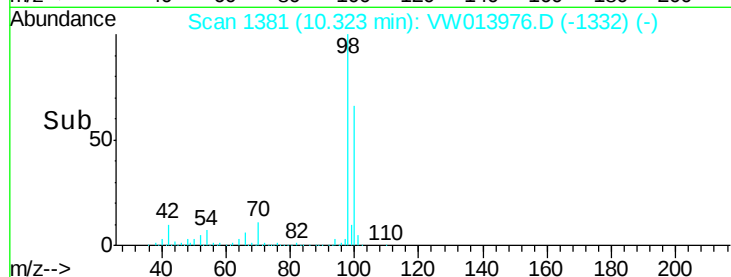
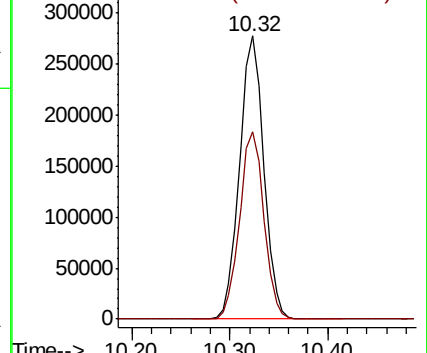
98 100

100 66.4 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: 48.172 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

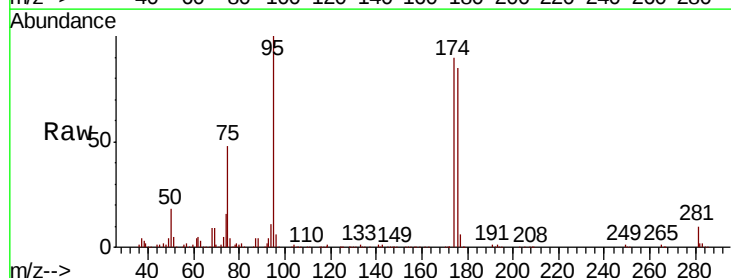
Tgt Ion: 95 Resp: 154887

Ion Ratio Lower Upper

95 100

174 91.6 0.0 183.6

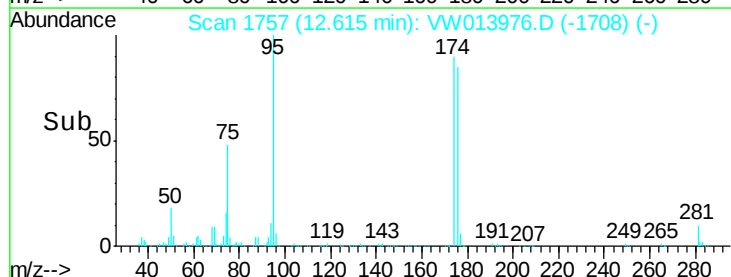
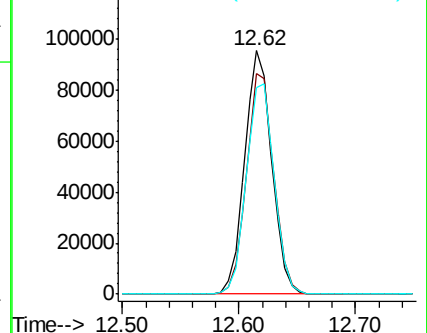
176 89.2 0.0 178.0

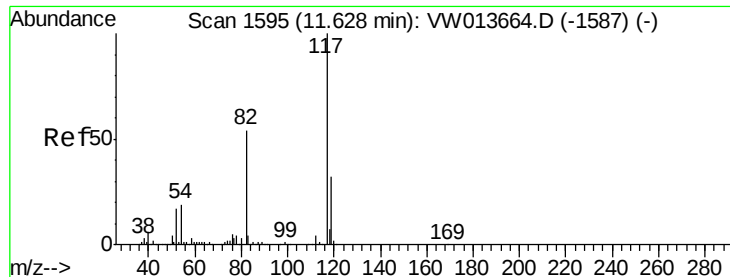


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013976.D

Acq: 12 Nov 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

FINES-NORTH-BERGEN

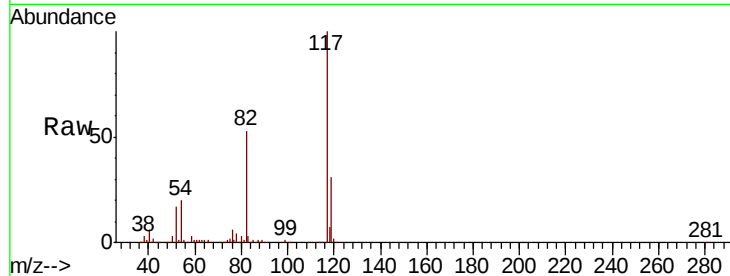
Tot Ion:117 Resp: 360161

Ion Ratio Lower Upper

117 100

82 52.7 43.6 65.4

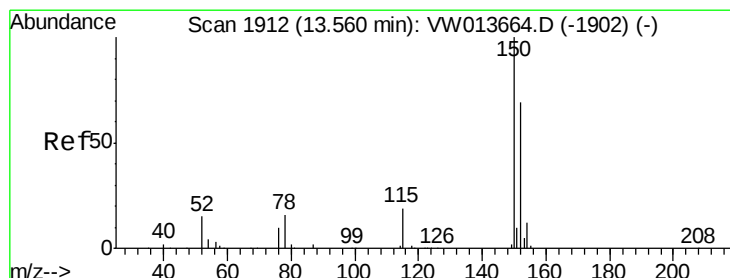
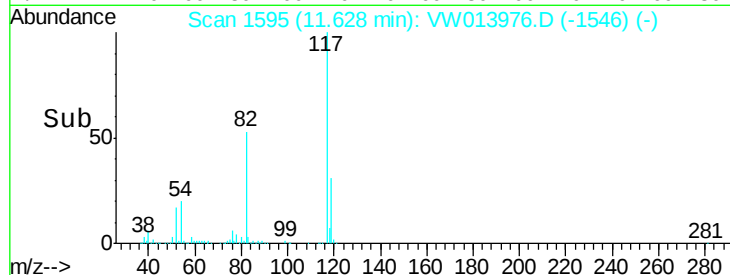
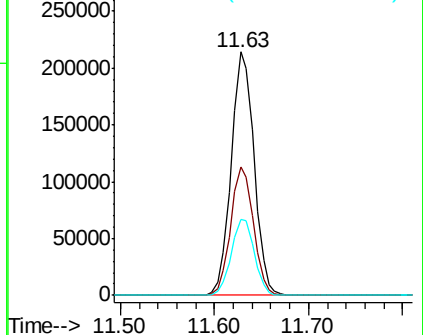
119 31.3 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

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: VW013976.D

Acq: 12 Nov 2019 15:38

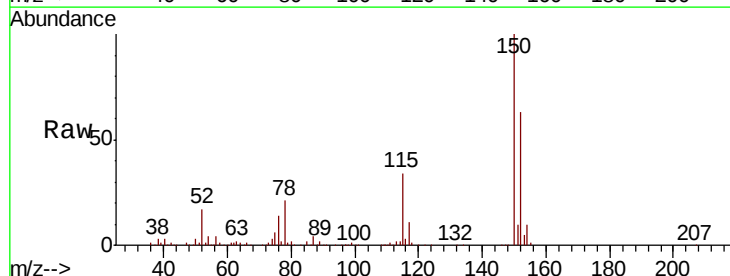
Tgt Ion:152 Resp: 150085

Ion Ratio Lower Upper

152 100

115 54.7 27.4 82.2

150 157.3 0.0 345.4



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

