

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081619\
 Data File : VW011940.D
 Acq On : 15 Aug 2019 20:27
 Operator : SY/VA
 Sample : K4354-01
 Misc : 4.41G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-01-081319

Quant Time: Aug 16 05:17:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	202602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343582	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	114572	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	136541	58.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.38%	
35) Dibromofluoromethane	7.88	113	106063	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
50) Toluene-d8	10.32	98	420492	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.62	95	134302	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	

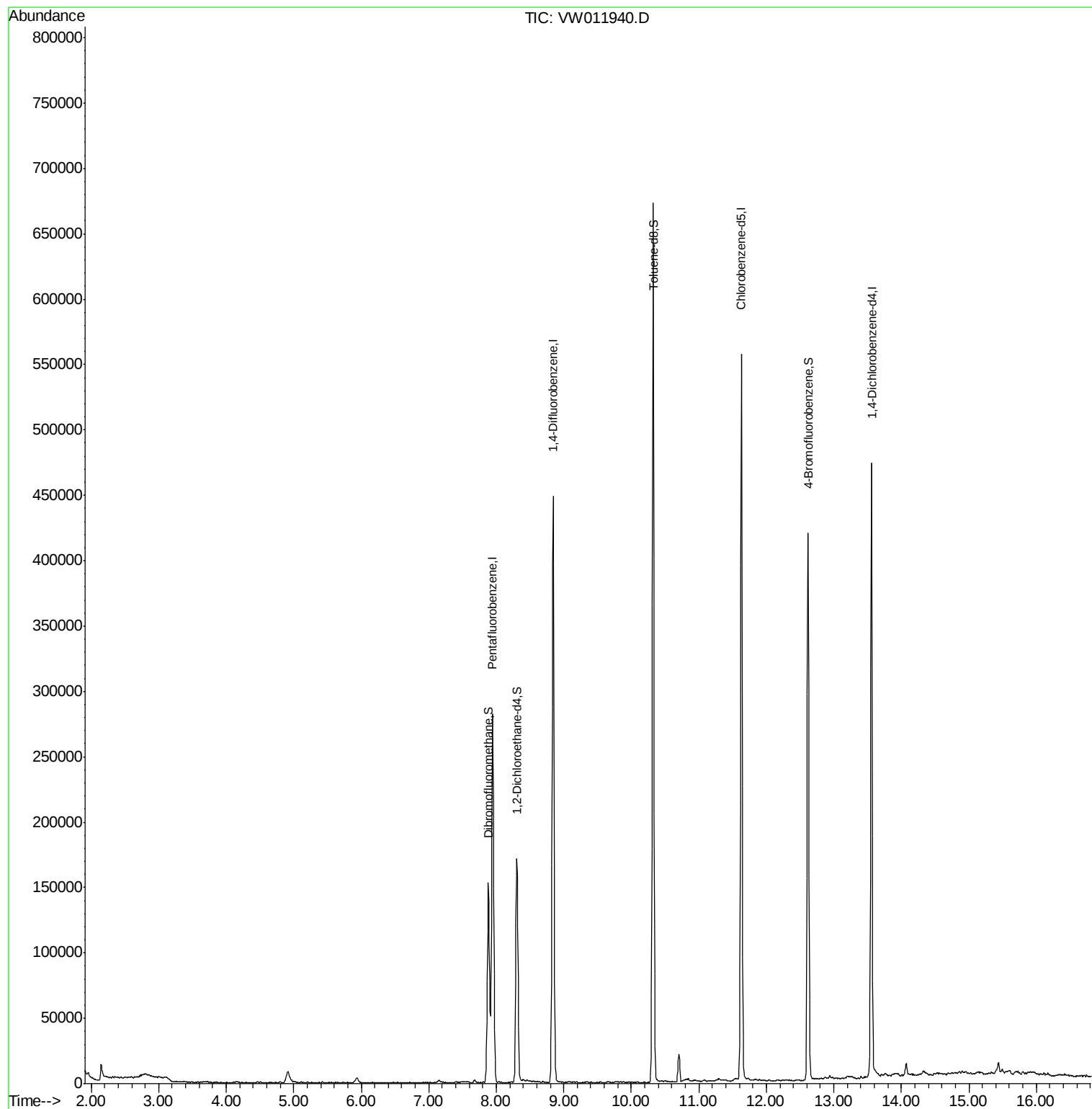
Target Compounds	Qvalue

(#) = 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: VW011940.D

Acq: 15 Aug 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

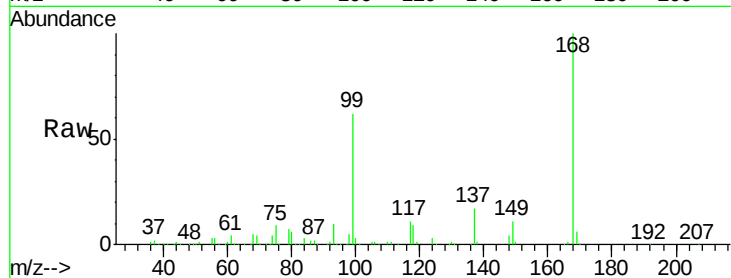
PX-01-081319

Tot Ion:168 Resp: 202602

Ion Ratio Lower Upper

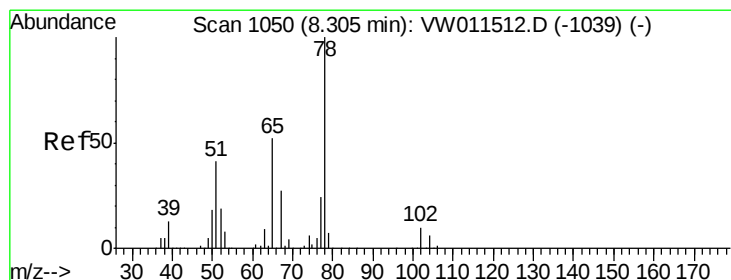
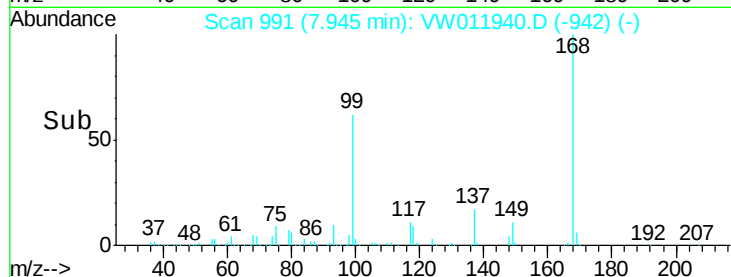
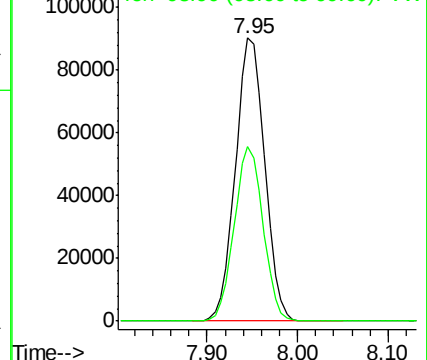
168 100

99 61.7 48.2 72.4



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: 58.691 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011940.D

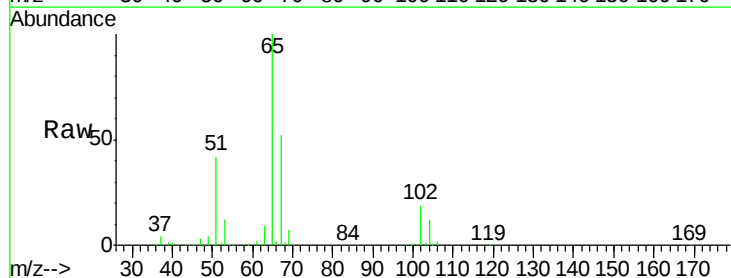
Acq: 15 Aug 2019 20:27

Tgt Ion: 65 Resp: 136541

Ion Ratio Lower Upper

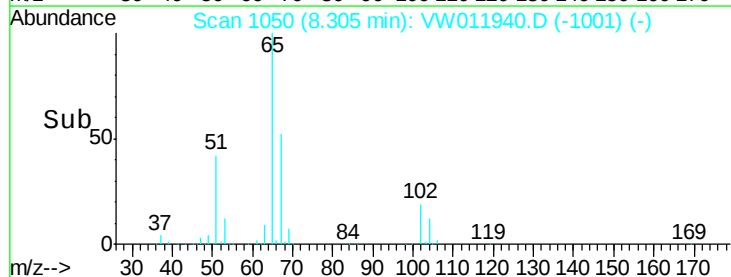
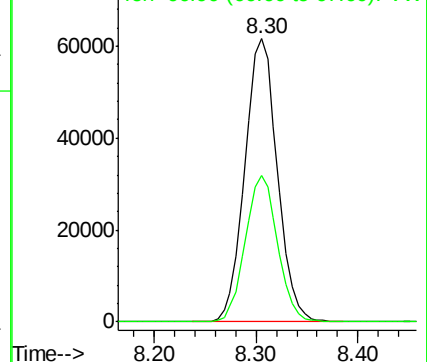
65 100

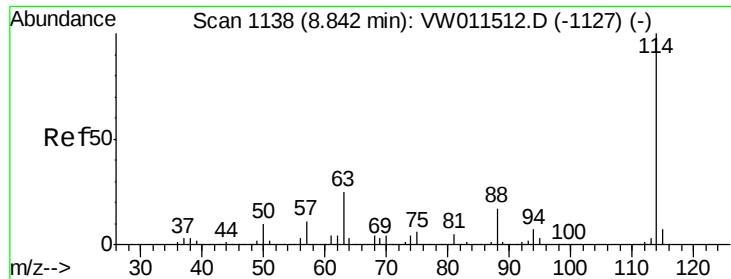
67 51.5 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

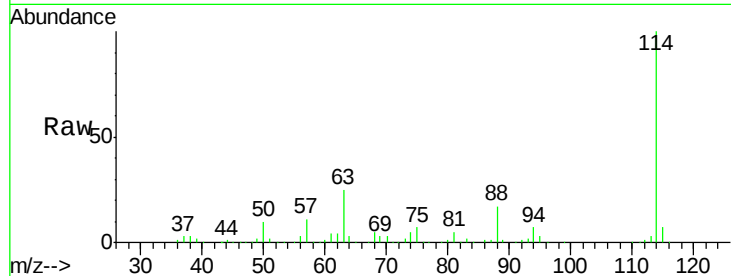




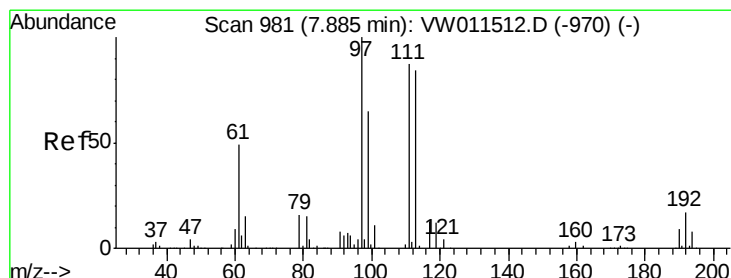
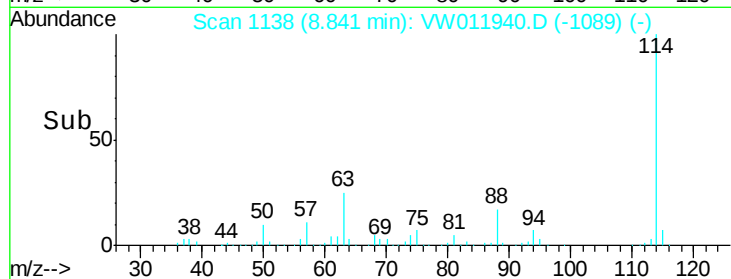
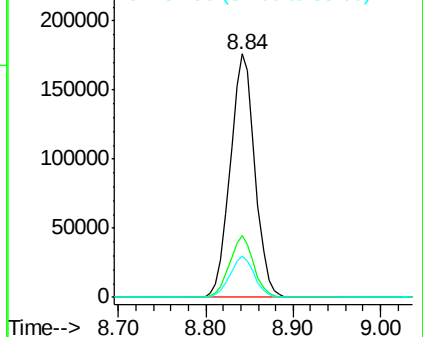
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011940.D
 Acq: 15 Aug 2019 20:27

Instrument :
 MSVOA_W
 ClientSampleId :
 PX-01-081319

Tot Ion	Ratio	Lower	Upper
114	100		
63	25.3	0.0	49.2
88	16.8	0.0	33.8

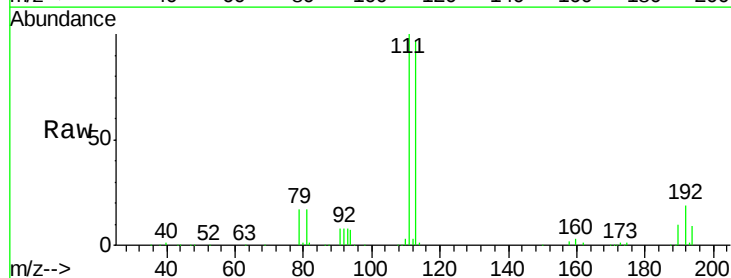


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

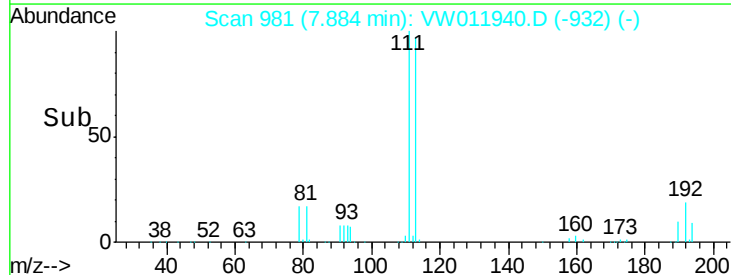
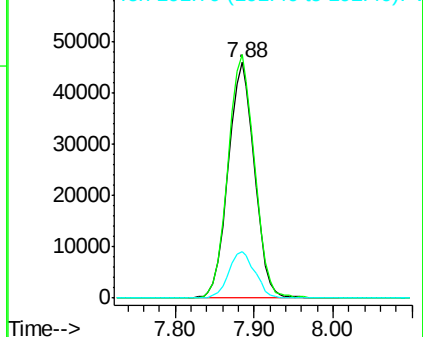


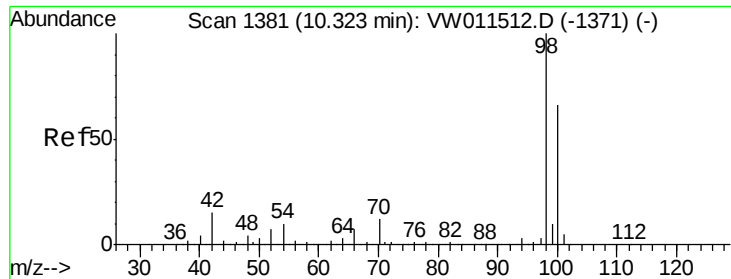
#35
 Dibromofluoromethane
 Concen: 55.025 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011940.D
 Acq: 15 Aug 2019 20:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	82.7	124.1
192	19.8	16.1	24.1



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: 53.281 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011940.D

Acq: 15 Aug 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

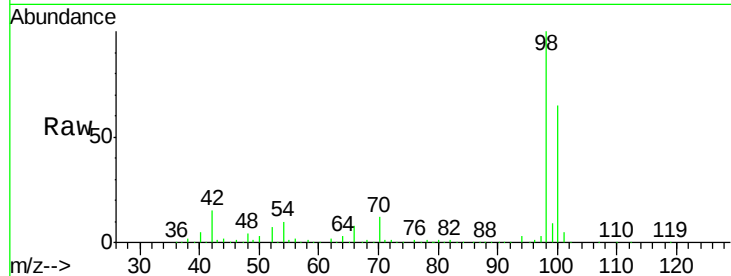
PX-01-081319

Tot Ion: 98 Resp: 420492

Ion Ratio Lower Upper

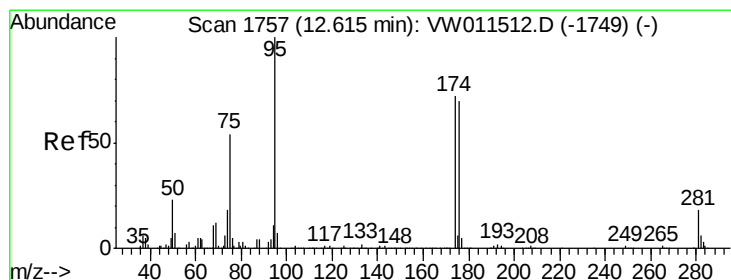
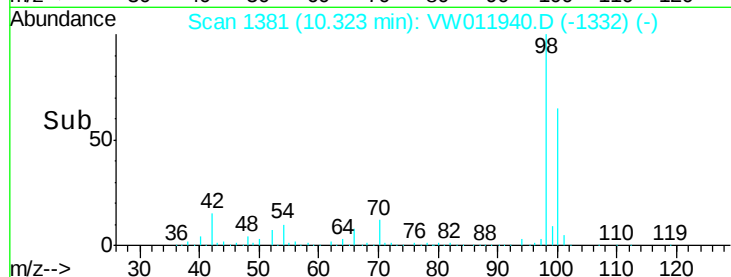
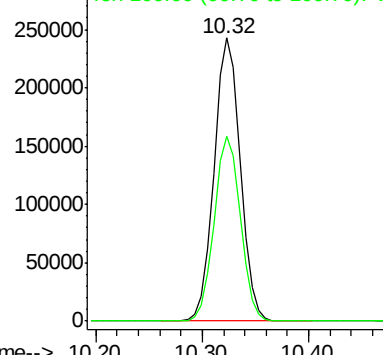
98 100

100 65.3 52.7 79.1



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.732 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011940.D

Acq: 15 Aug 2019 20:27

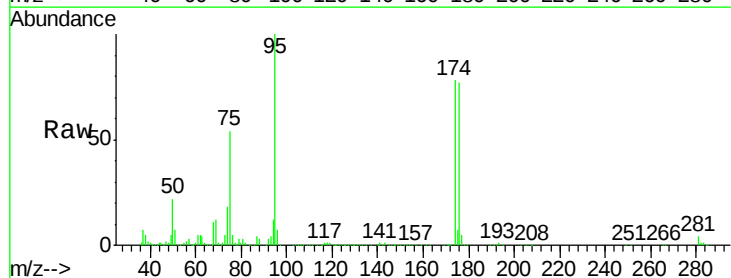
Tgt Ion: 95 Resp: 134302

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.2

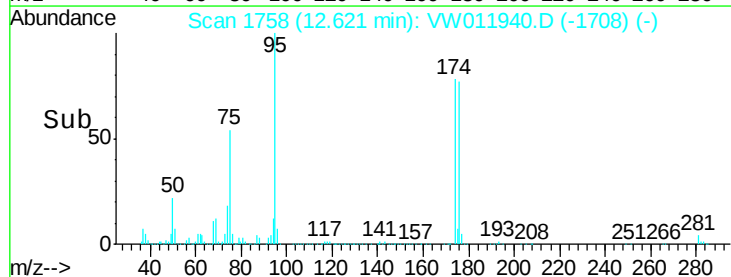
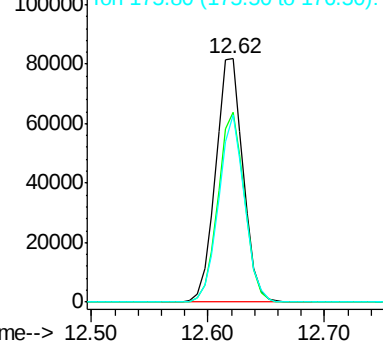
176 72.8 0.0 144.4

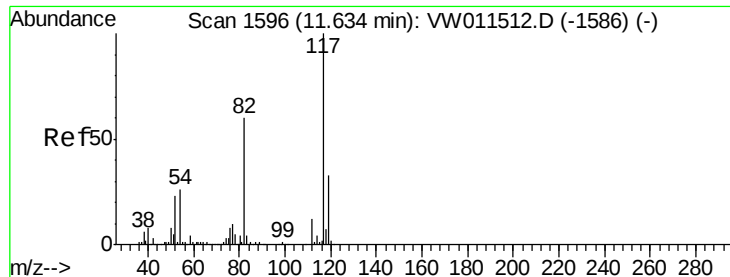


Abundance Ion 94.90 (94.60 to 95.60): VW

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# 1596

Delta R.T. -0.00 min

Lab File: VW011940.D

Acq: 15 Aug 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

PX-01-081319

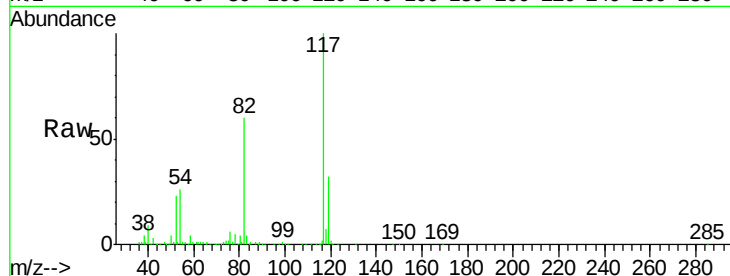
Tot Ion:117 Resp: 285594

Ion Ratio Lower Upper

117 100

82 59.7 47.9 71.9

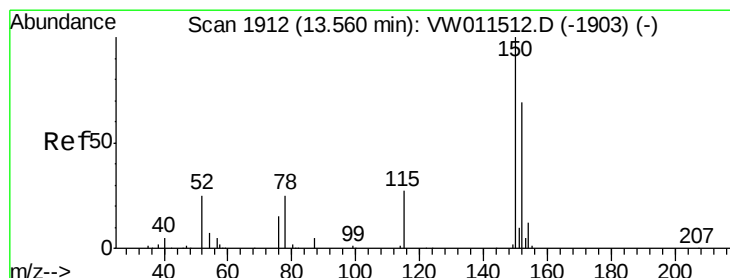
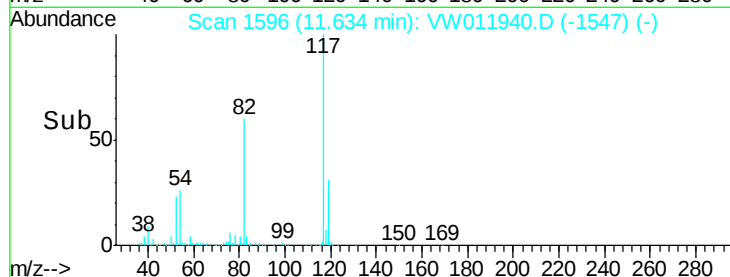
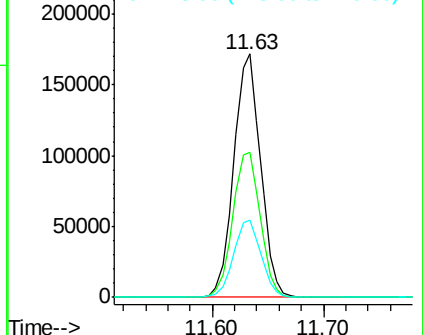
119 31.4 26.2 39.2



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: VW011940.D

Acq: 15 Aug 2019 20:27

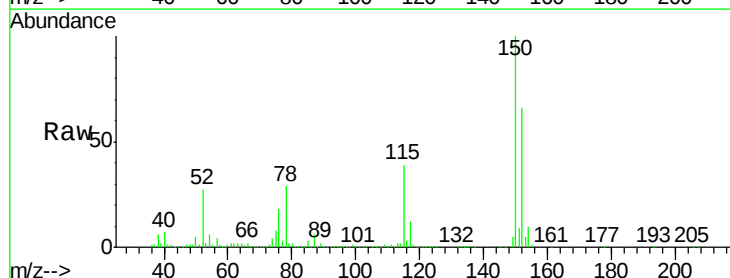
Tgt Ion:152 Resp: 114572

Ion Ratio Lower Upper

152 100

115 61.0 30.5 91.5

150 156.9 0.0 352.6



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

