

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011338.D
 Acq On : 18 Jul 2019 17:09
 Operator : SY/VA
 Sample : K3813-02
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC026-SD-190712

Quant Time: Jul 19 07:28:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	186992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	323079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	277373	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117692	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	135166	57.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.06%	
35) Dibromofluoromethane	7.88	113	100361	52.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.24%	
50) Toluene-d8	10.32	98	402367	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	134347	47.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.18%	

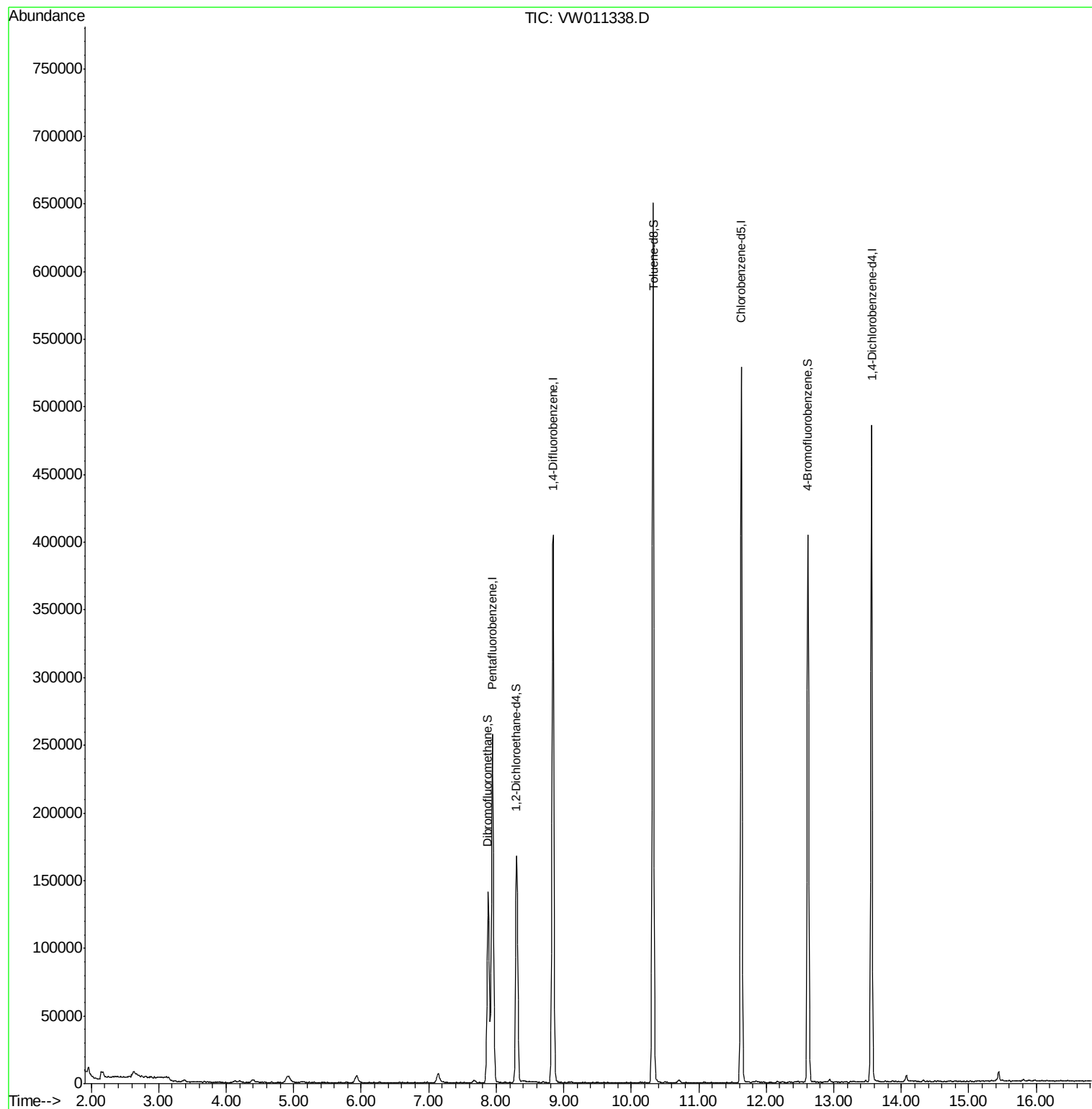
Target Compounds	Qvalue

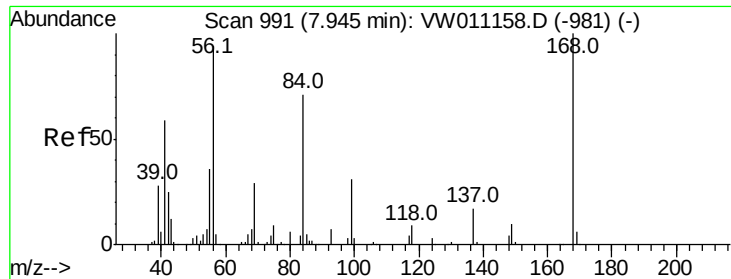
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

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Acq: 18 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

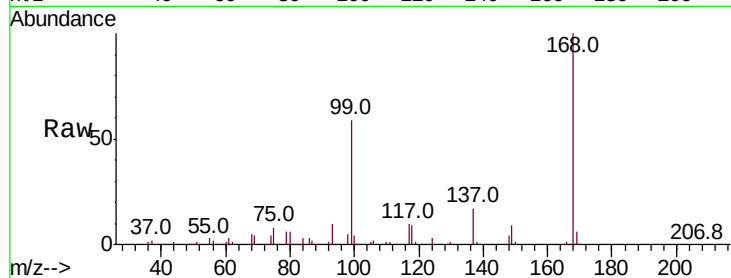
KY030LC026-SD-190712

Tot Ion:168 Resp: 186992

Ion Ratio Lower Upper

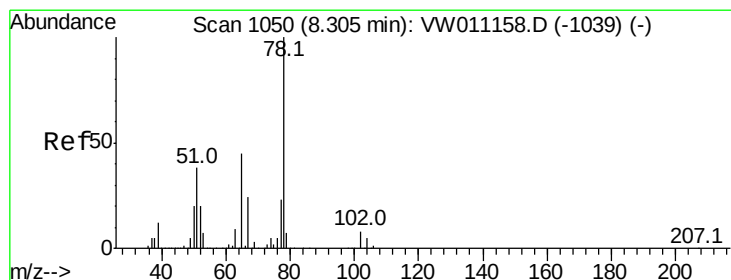
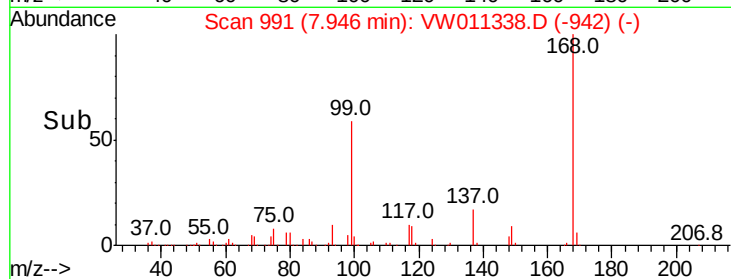
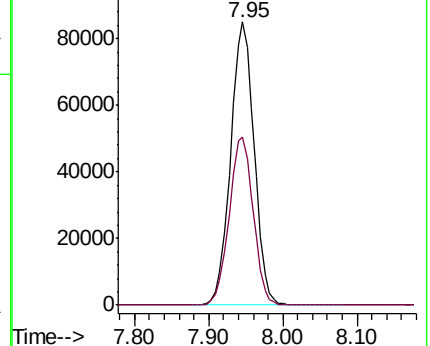
168 100

99 59.3 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.527 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW011338.D

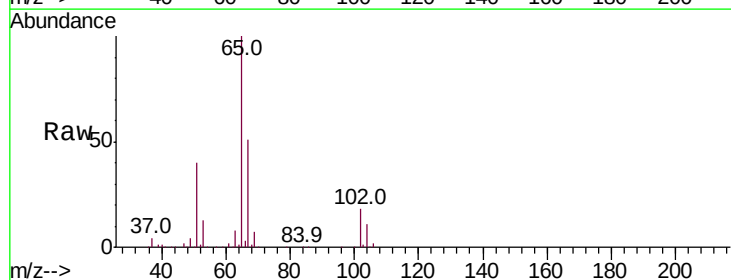
Acq: 18 Jul 2019 17:09

Tgt Ion: 65 Resp: 135166

Ion Ratio Lower Upper

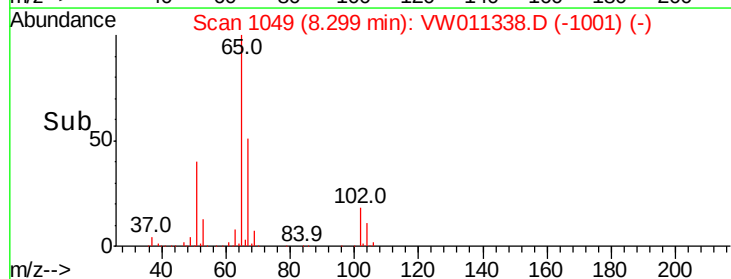
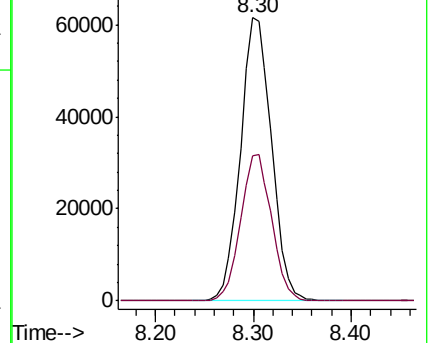
65 100

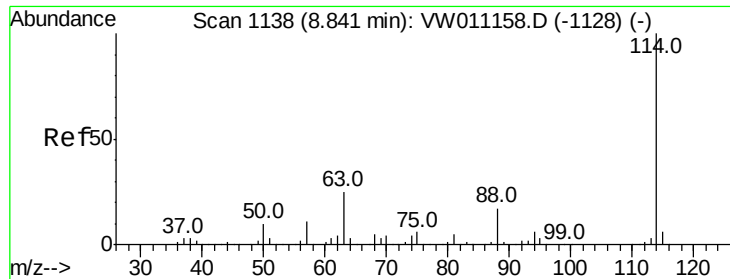
67 51.6 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

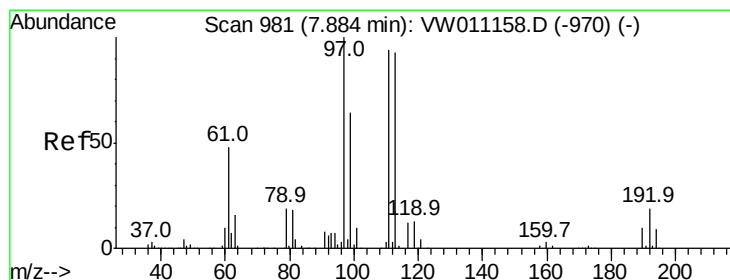
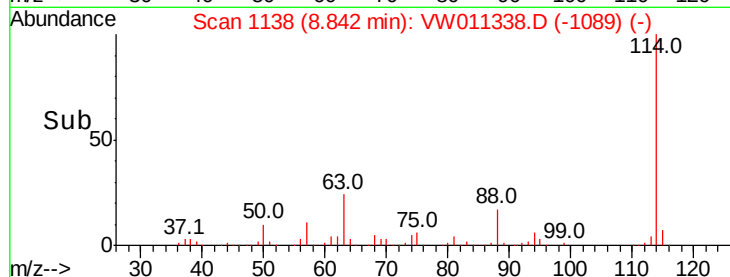
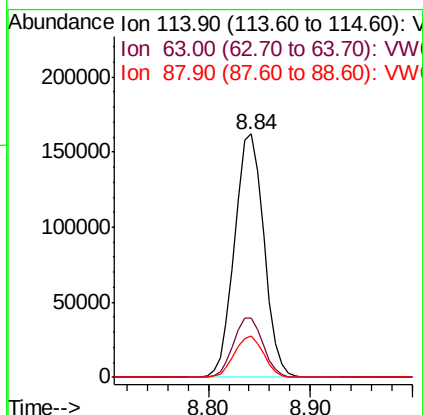
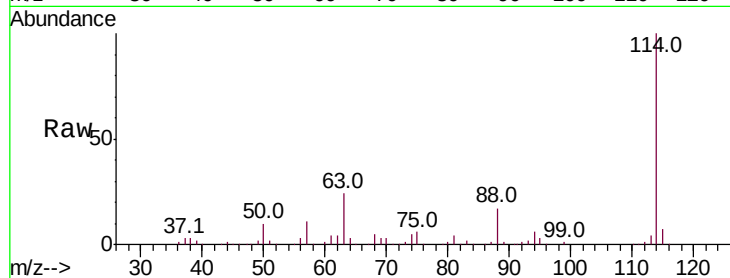




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

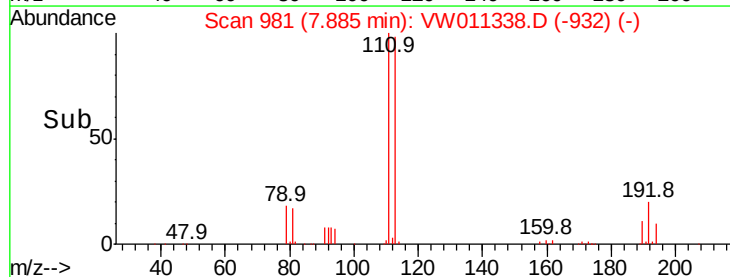
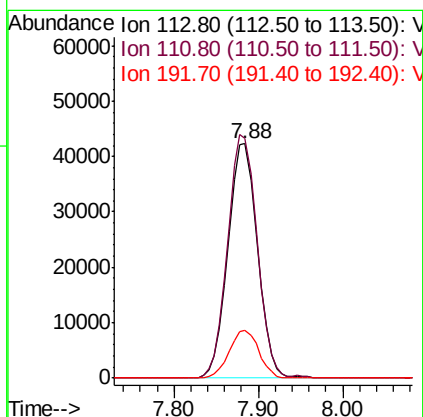
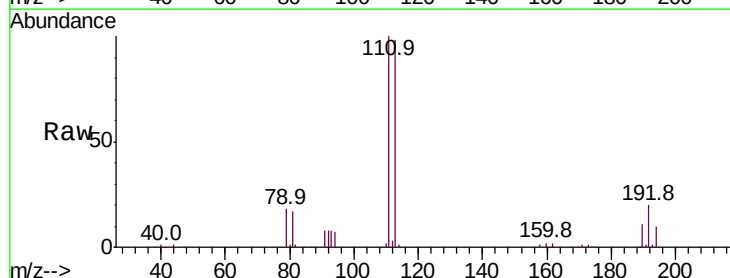
Instrument :
 MSVOA_W
 ClientSampleId :
 KY030LC026-SD-190712

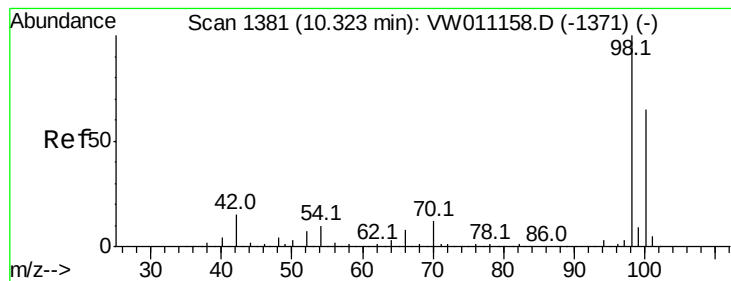
Tot Ion	Ratio	Lower	Upper
114	100		
63	24.2	0.0	50.8
88	16.8	0.0	34.2



#35
 Dibromofluoromethane
 Concen: 52.117 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011338.D
 Acq: 18 Jul 2019 17:09

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	20.4	15.8	23.8





#50

Toluene-d8

Concen: 51.692 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011338.D

Acq: 18 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

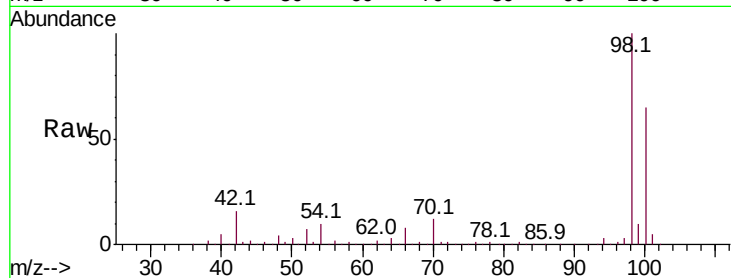
KY030LC026-SD-190712

Tot Ion: 98 Resp: 402367

Ion Ratio Lower Upper

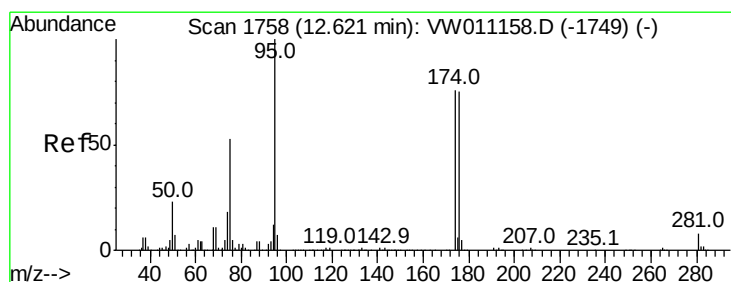
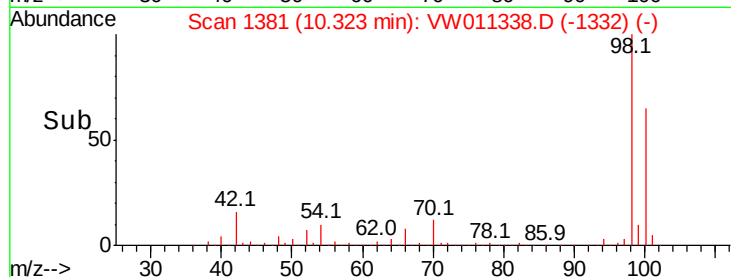
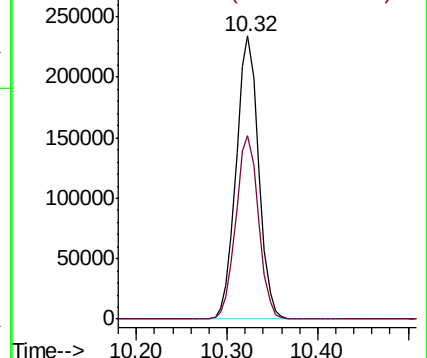
98 100

100 65.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 47.088 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011338.D

Acq: 18 Jul 2019 17:09

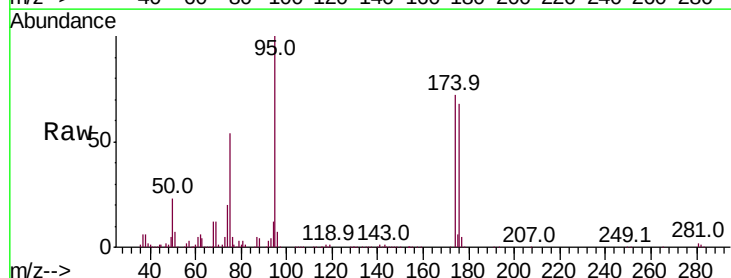
Tgt Ion: 95 Resp: 134347

Ion Ratio Lower Upper

95 100

174 74.6 0.0 147.6

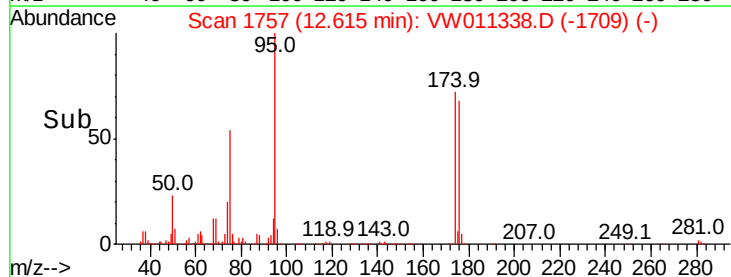
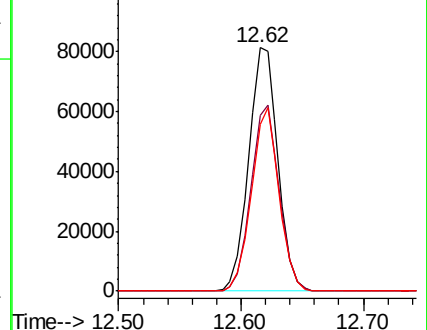
176 71.6 0.0 144.6

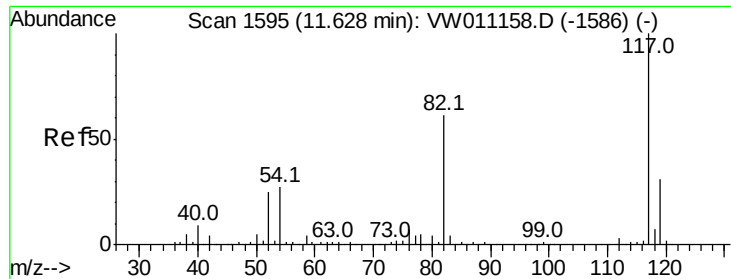


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW011338.D

Acq: 18 Jul 2019 17:09

Instrument :

MSVOA_W

ClientSampleId :

KY030LC026-SD-190712

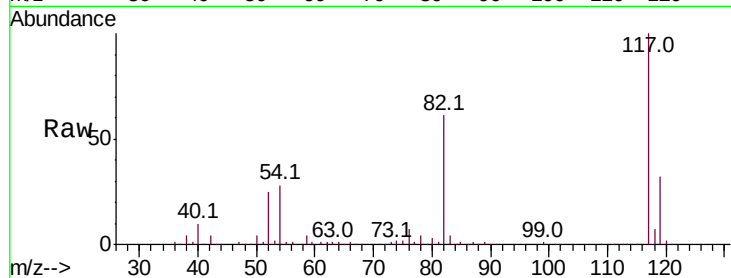
Tot Ion:117 Resp: 277373

Ion Ratio Lower Upper

117 100

82 60.5 48.9 73.3

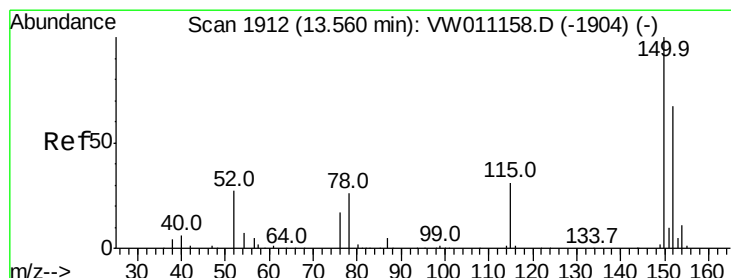
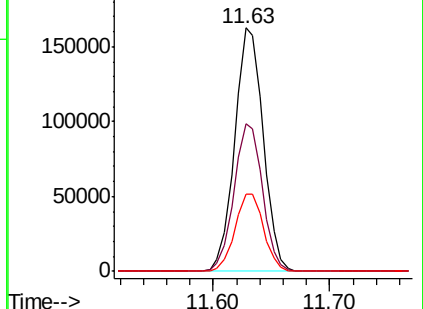
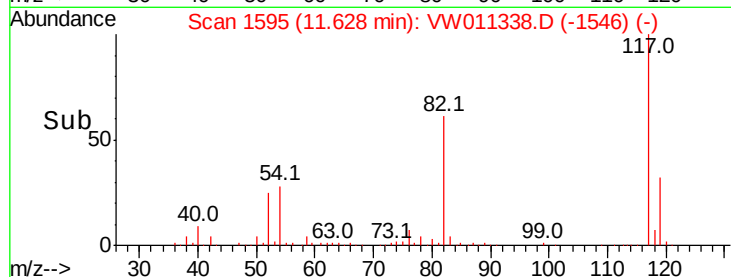
119 31.7 25.0 37.6



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: VW011338.D

Acq: 18 Jul 2019 17:09

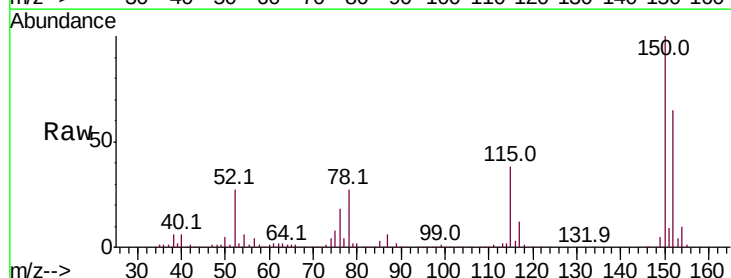
Tgt Ion:152 Resp: 117692

Ion Ratio Lower Upper

152 100

115 60.6 30.1 90.3

150 158.8 0.0 346.0



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

