

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007510.D
 Acq On : 14 Dec 2018 02:50
 Operator : SY/AP
 Sample : J6340-03RE
 Misc : 2.05G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03ARE

Quant Time: Dec 14 06:36:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	6669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	11383	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	5562	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	624	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	2228	30.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.22%	
35) Dibromofluoromethane	7.88	113	2084	30.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.48%	
50) Toluene-d8	10.32	98	4485	17.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	34.72%	
62) 4-Bromofluorobenzene	12.63	95	568	5.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.96%	

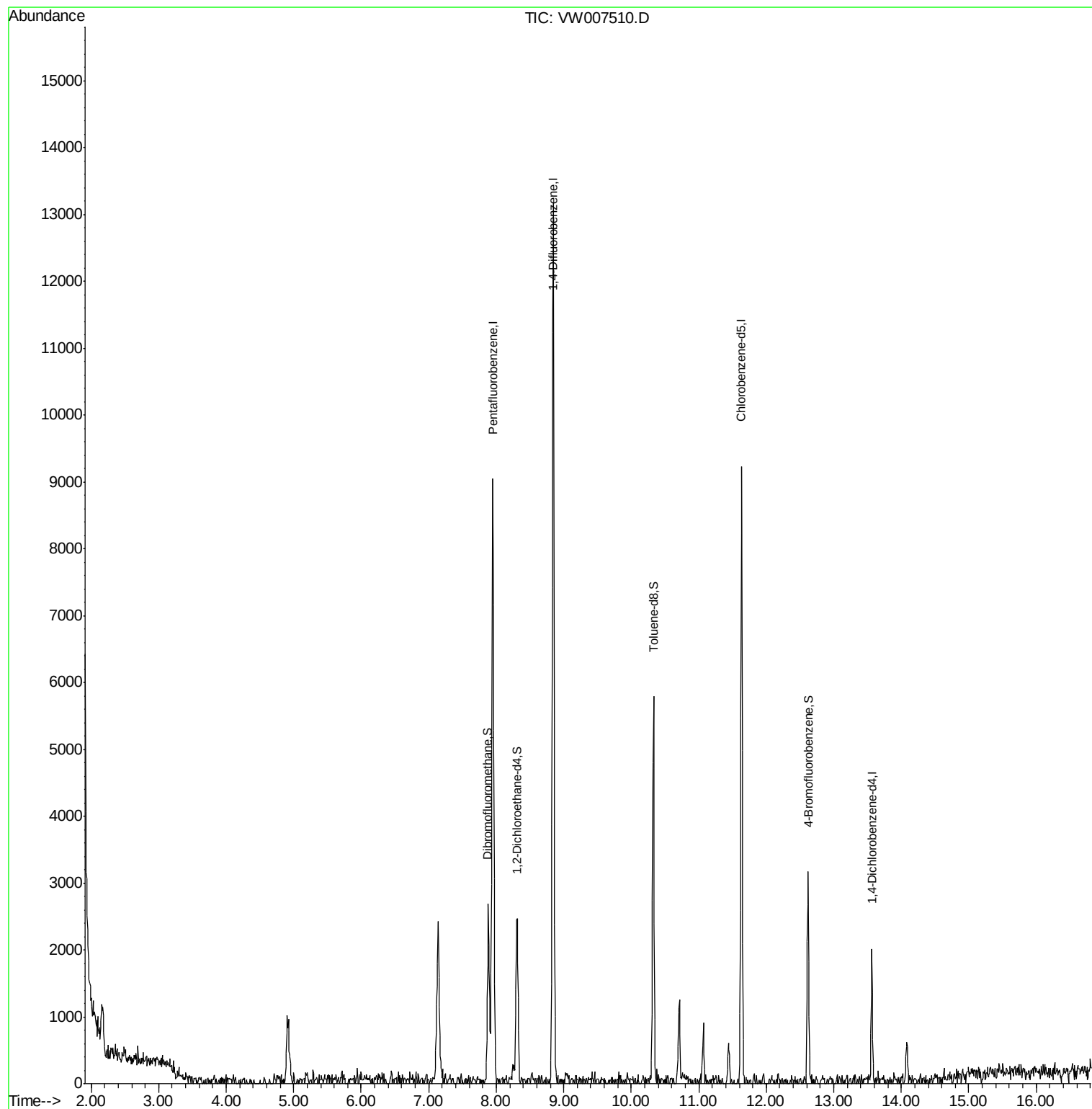
Target Compounds	Qvalue
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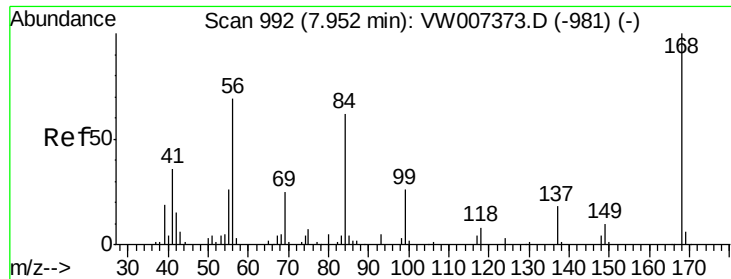
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 02:58:16 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

Instrument :

MSVOA_W

ClientSampleId :

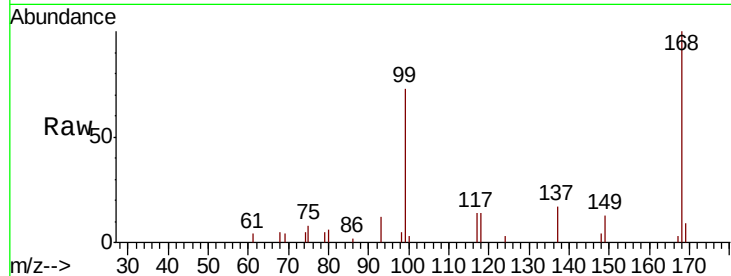
SB-03ARE

Tot Ion:168 Resp: 6669

Ion Ratio Lower Upper

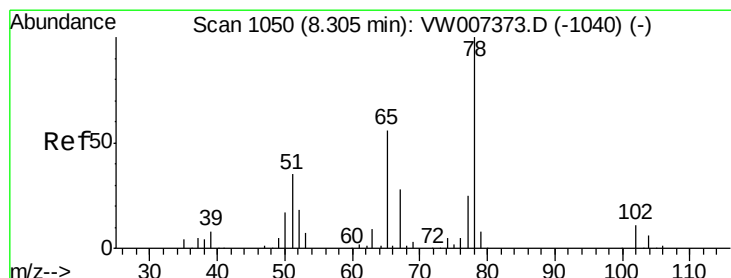
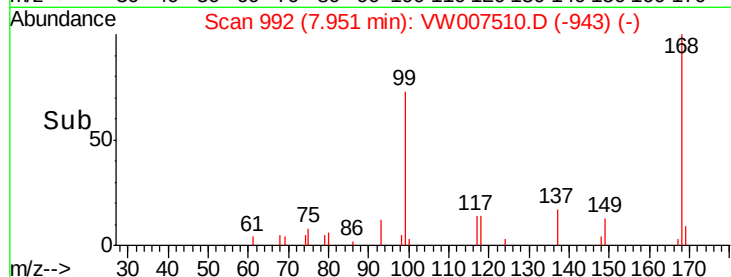
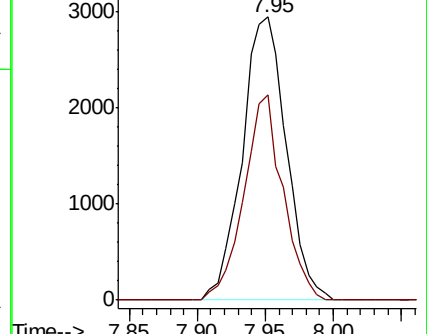
168 100

99 72.6 48.3 72.5#



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: 30.113 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007510.D

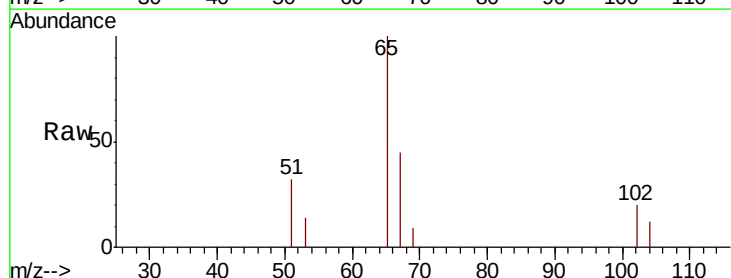
Acq: 14 Dec 2018 02:50

Tgt Ion: 65 Resp: 2228

Ion Ratio Lower Upper

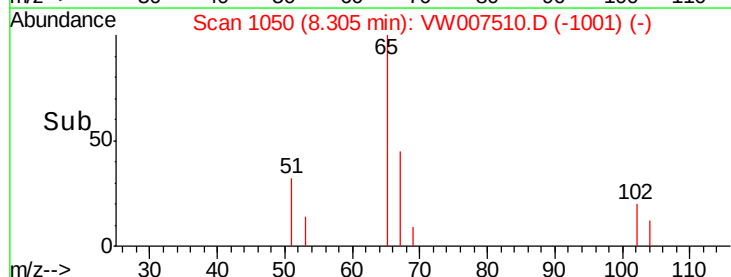
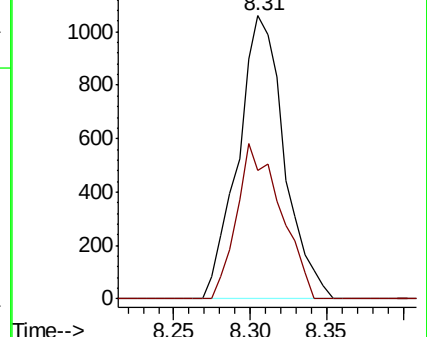
65 100

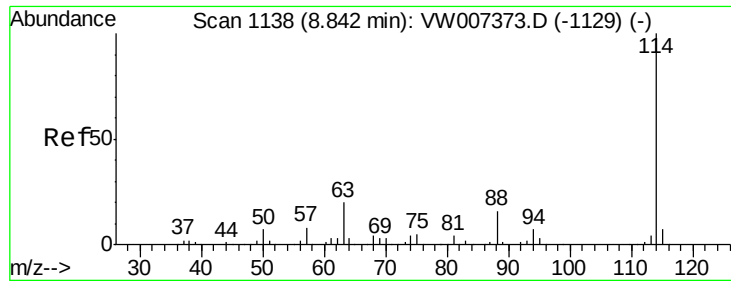
67 51.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

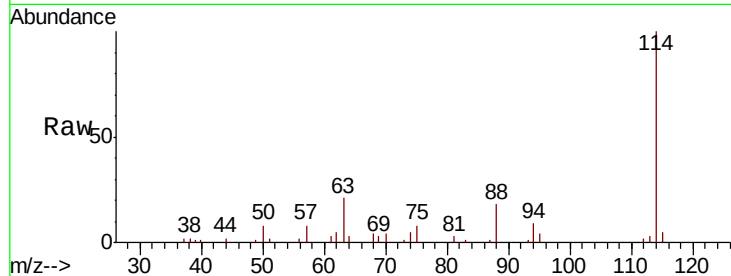




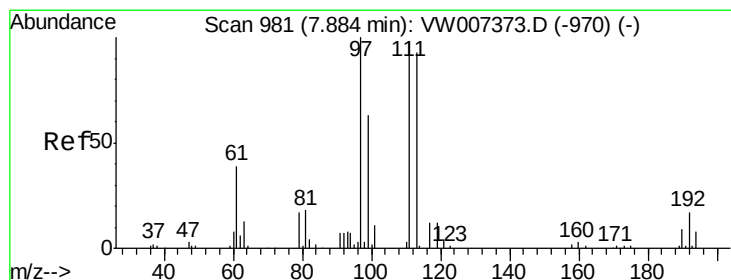
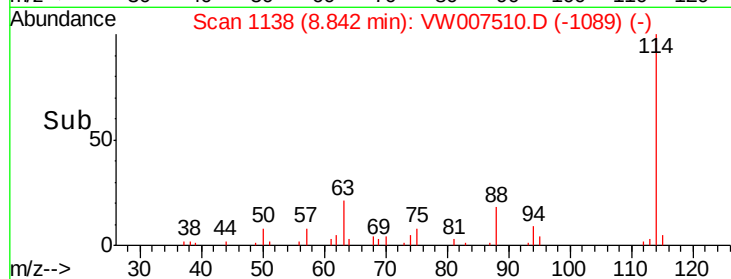
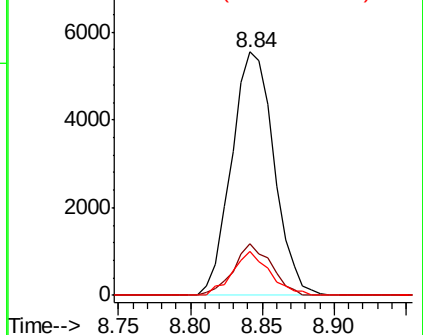
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007510.D
 Acq: 14 Dec 2018 02:50

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03ARE

Tot Ion:114 Resp: 11383
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.6
 88 17.9 0.0 31.4

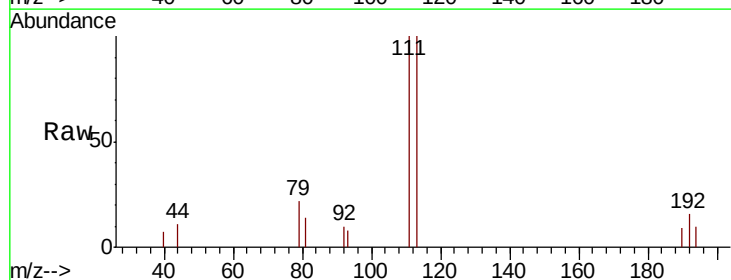


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

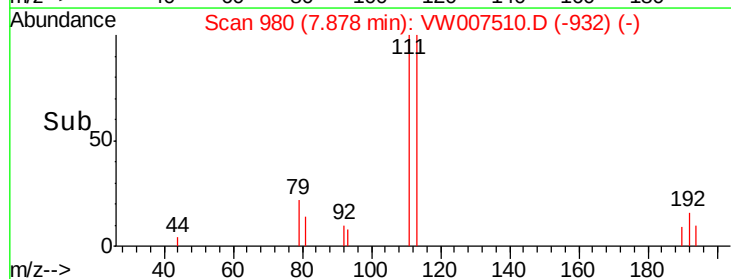
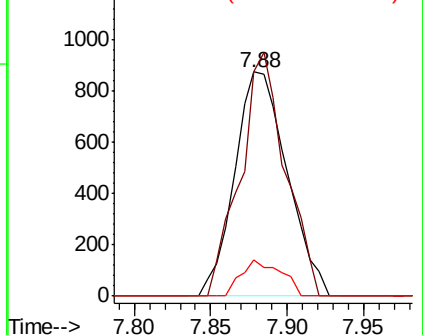


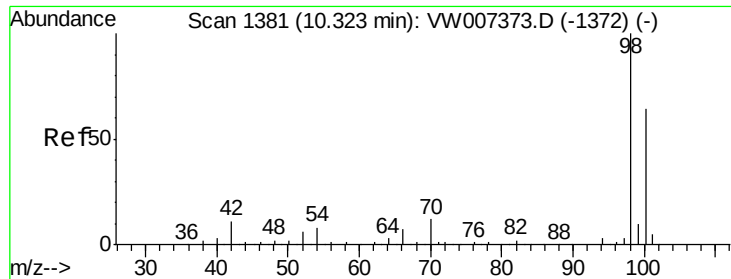
#35
 Dibromofluoromethane
 Concen: 30.244 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW007510.D
 Acq: 14 Dec 2018 02:50

Tgt Ion:113 Resp: 2084
 Ion Ratio Lower Upper
 113 100
 111 93.2 81.1 121.7
 192 12.3 14.6 21.8#



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: 17.360 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

Instrument :

MSVOA_W

ClientSampled :

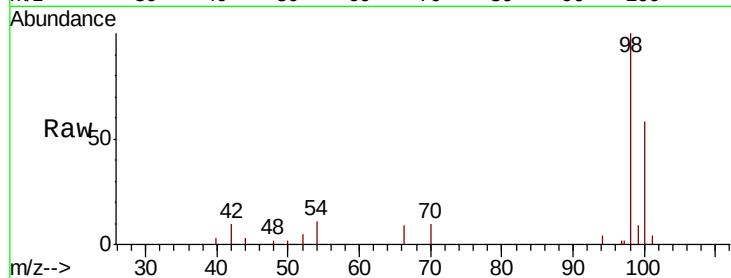
SB-03ARE

Tot Ion: 98 Resp: 4485

Ion Ratio Lower Upper

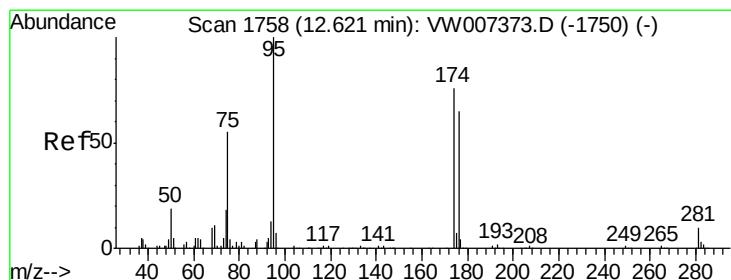
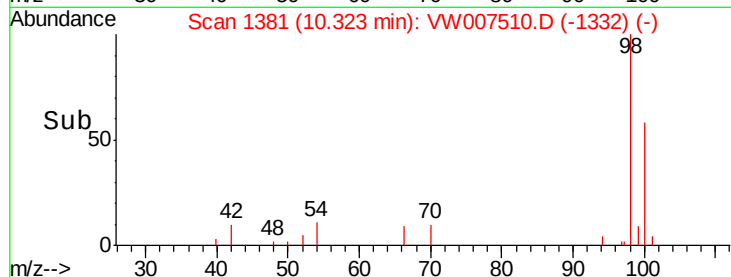
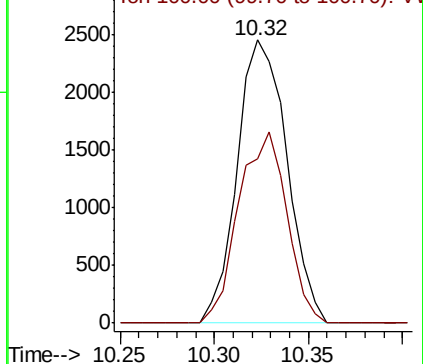
98 100

100 65.5 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 5.979 ug/l

RT: 12.63 min Scan# 1759

Delta R.T. 0.01 min

Lab File: VW007510.D

Acq: 14 Dec 2018 02:50

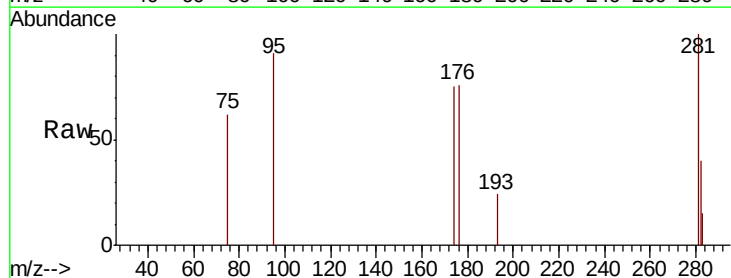
Tgt Ion: 95 Resp: 568

Ion Ratio Lower Upper

95 100

174 84.2 0.0 147.2

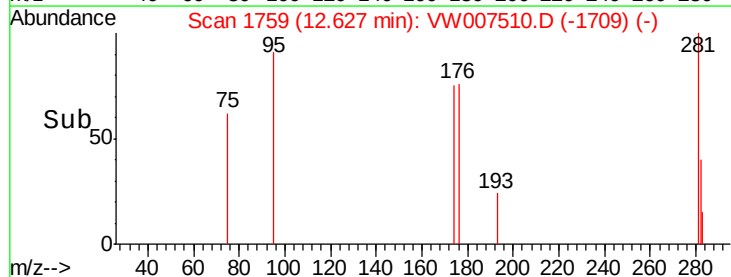
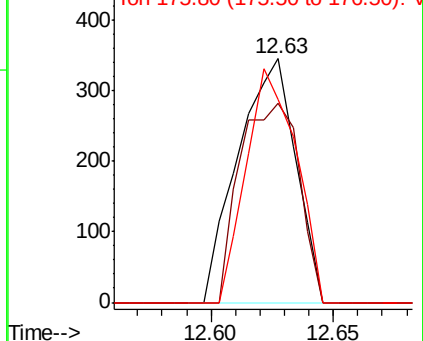
176 83.5 0.0 138.8

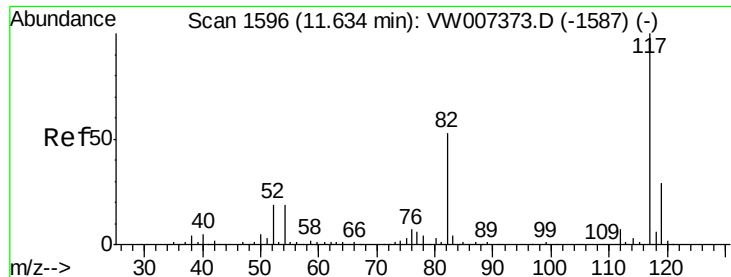


Abundance Ion 94.90 (94.60 to 95.60): VW

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: VW007510.D

Acq: 14 Dec 2018 02:50

Instrument :

MSVOA_W

ClientSampleId :

SB-03ARE

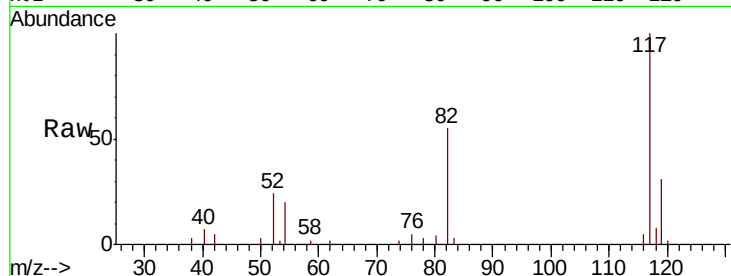
Tot Ion:117 Resp: 5562

Ion Ratio Lower Upper

117 100

82 54.8 42.3 63.5

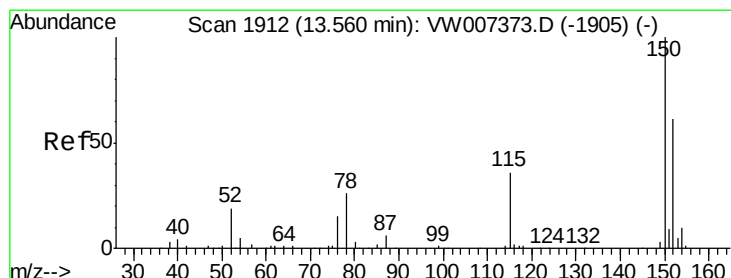
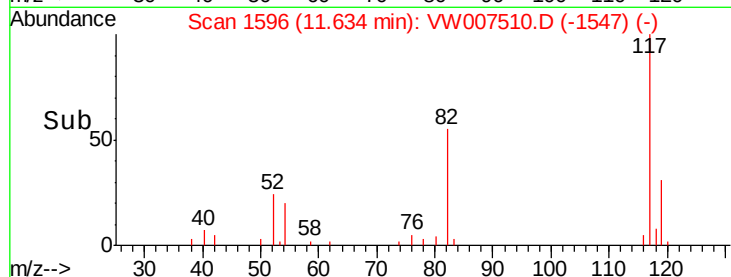
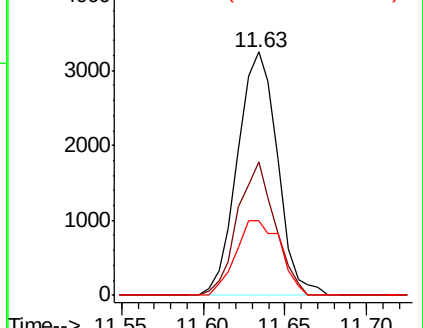
119 30.9 23.0 34.6



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: VW007510.D

Acq: 14 Dec 2018 02:50

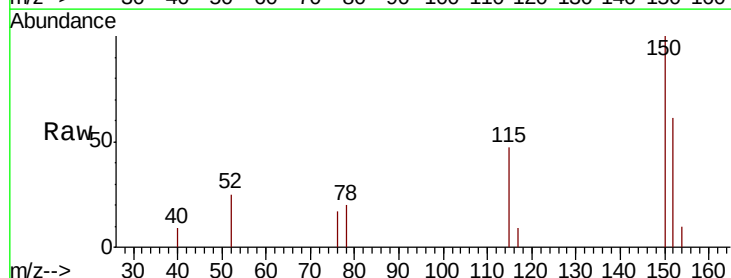
Tgt Ion:152 Resp: 624

Ion Ratio Lower Upper

152 100

115 71.6 31.4 94.2

150 176.3 0.0 358.4



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

