

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007486.D
 Acq On : 13 Dec 2018 14:18
 Operator : SY/AP
 Sample : J6357-06
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08A

Quant Time: Dec 13 15:48:46 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	73393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	123414	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	96737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	35304	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35916	44.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.22%	
35) Dibromofluoromethane	7.88	113	33823	45.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.54%	
50) Toluene-d8	10.32	98	112196	40.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.10%	
62) 4-Bromofluorobenzene	12.62	95	35239	34.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.44%	

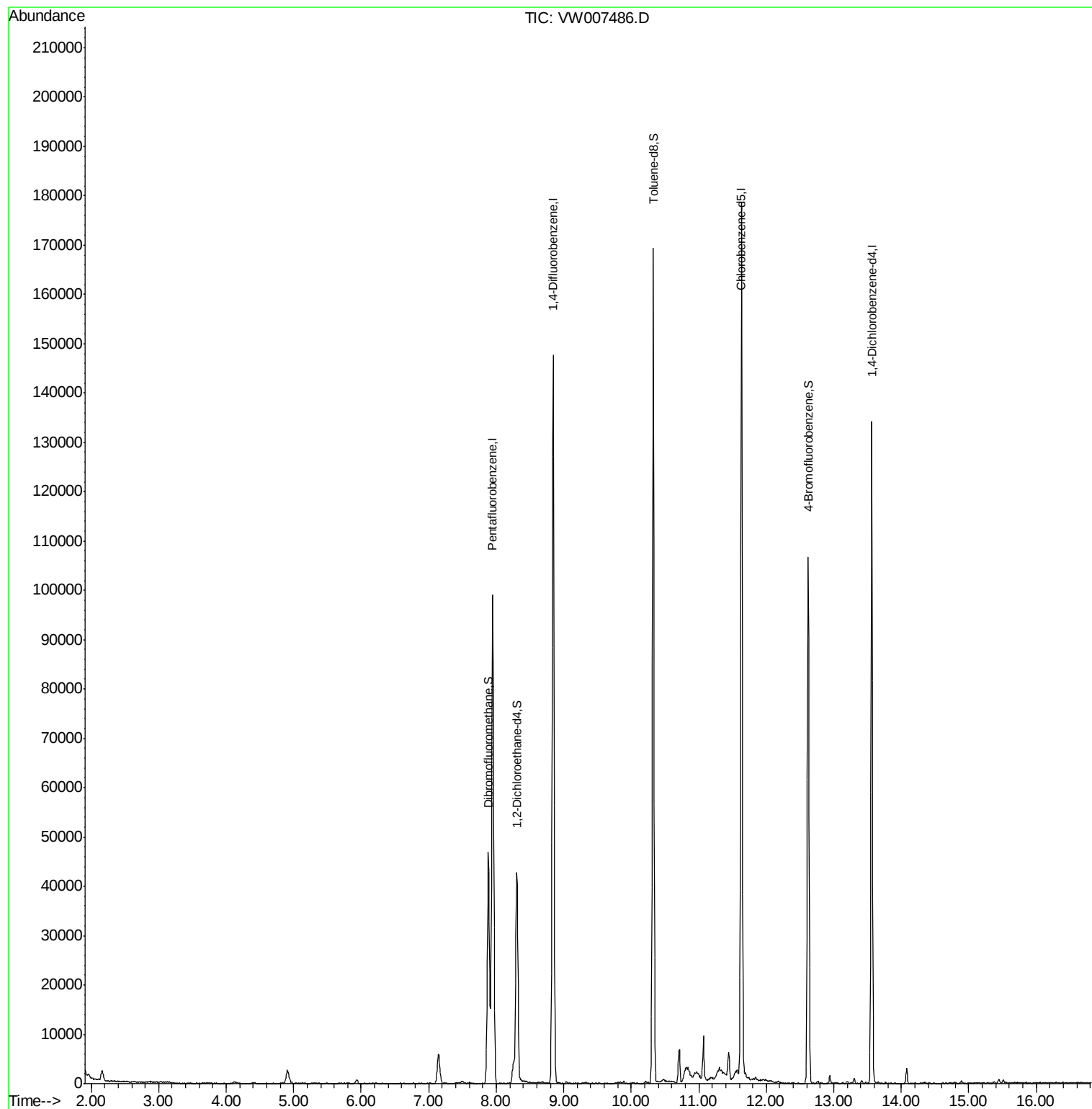
Target Compounds	Qvalue

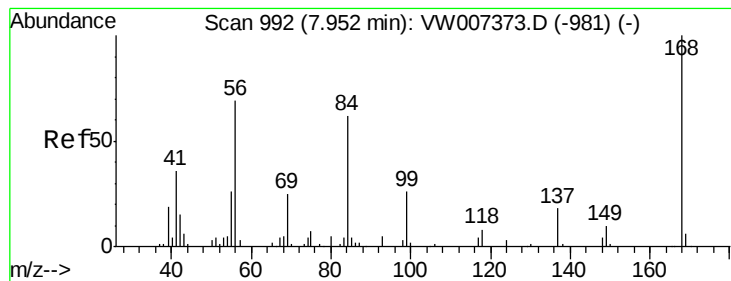
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007486.D

Acq: 13 Dec 2018 14:18

Instrument :

MSVOA_W

ClientSampled :

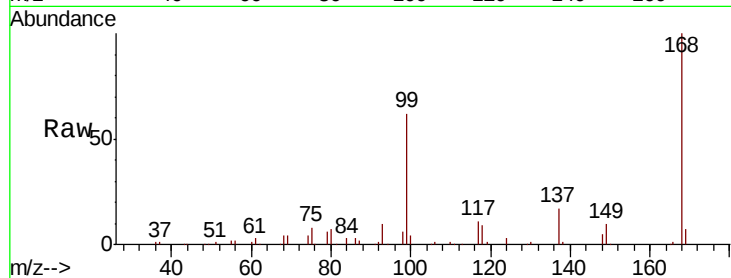
SB-08A

Tot Ion:168 Resp: 73393

Ion Ratio Lower Upper

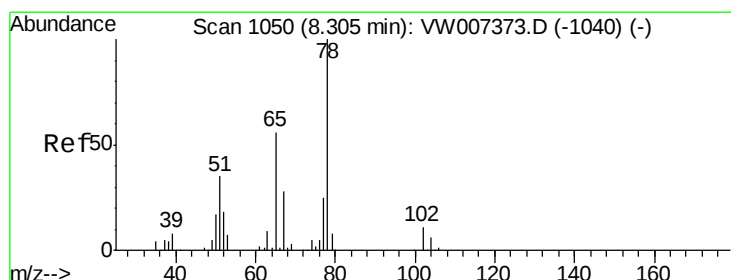
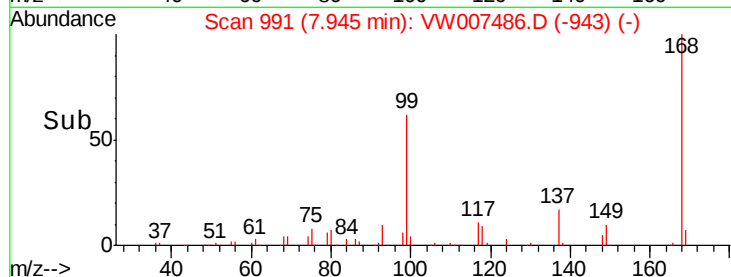
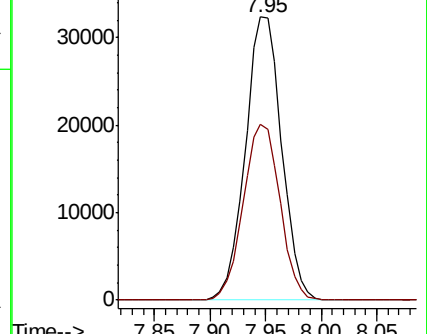
168 100

99 62.1 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: 44.110 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007486.D

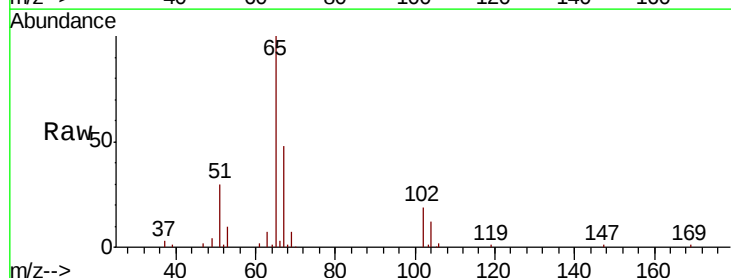
Acq: 13 Dec 2018 14:18

Tgt Ion: 65 Resp: 35916

Ion Ratio Lower Upper

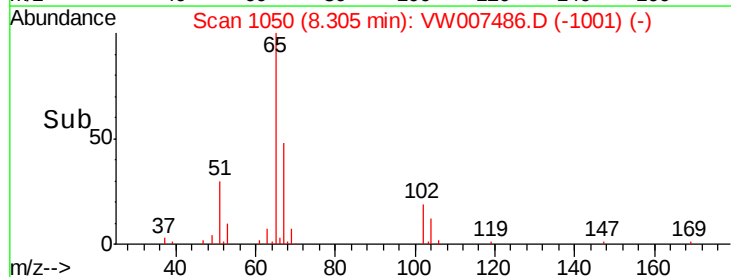
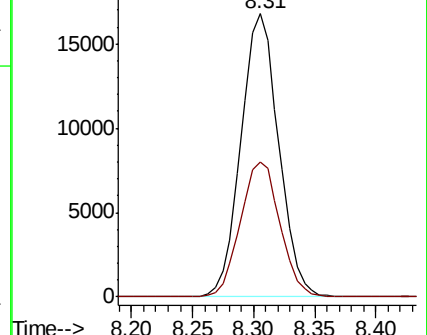
65 100

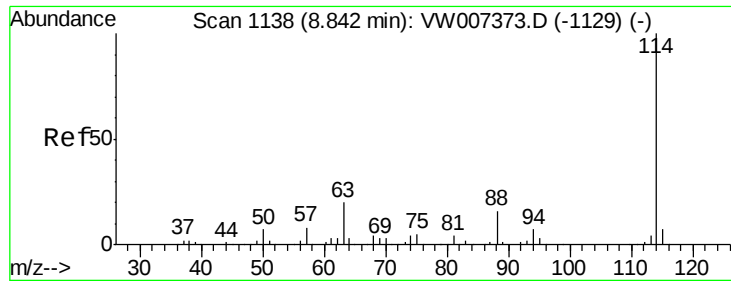
67 49.9 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

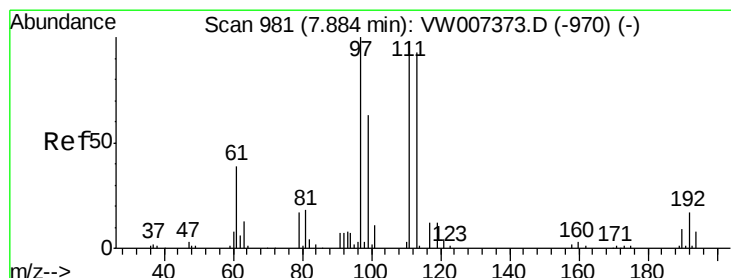
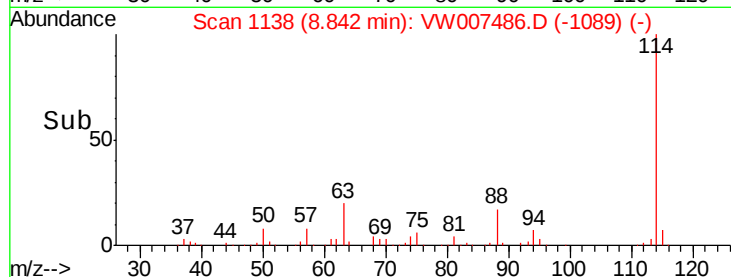
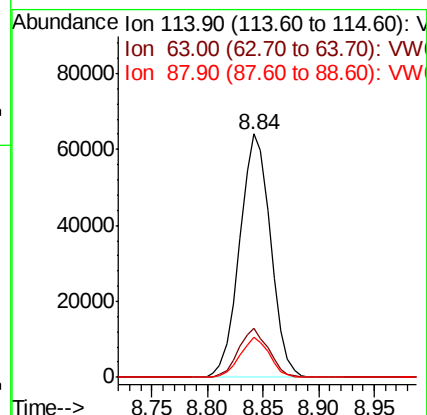
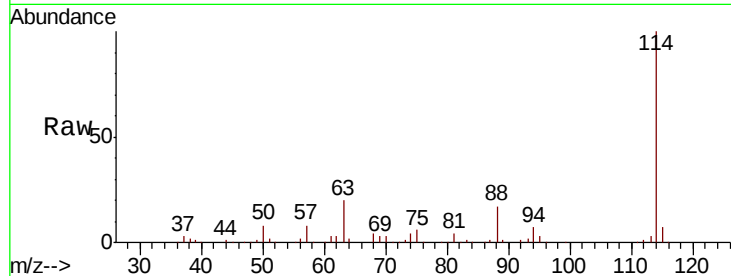




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007486.D
 Acq: 13 Dec 2018 14:18

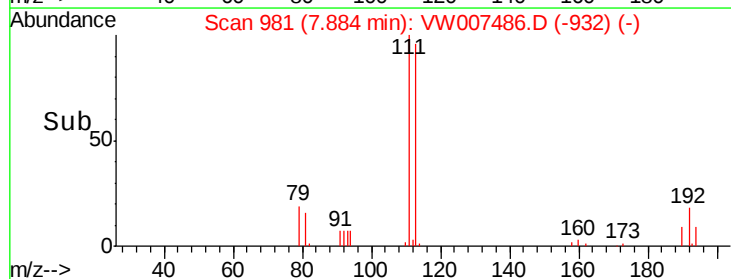
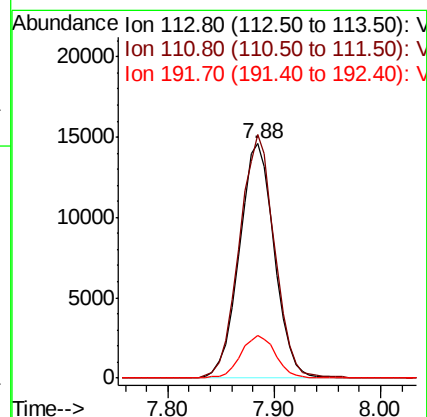
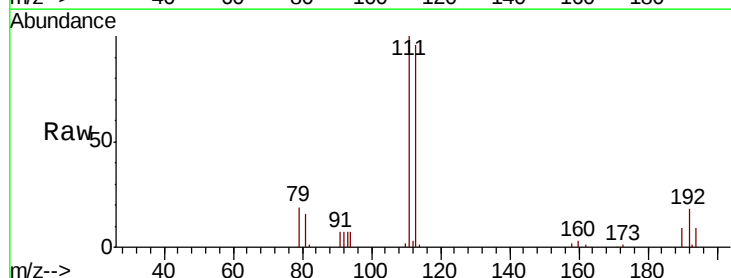
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-08A

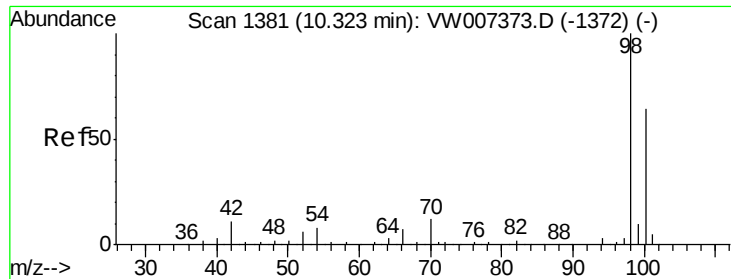
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	39.6
88	16.5	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 45.274 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007486.D
 Acq: 13 Dec 2018 14:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.1	121.7
192	18.1	14.6	21.8

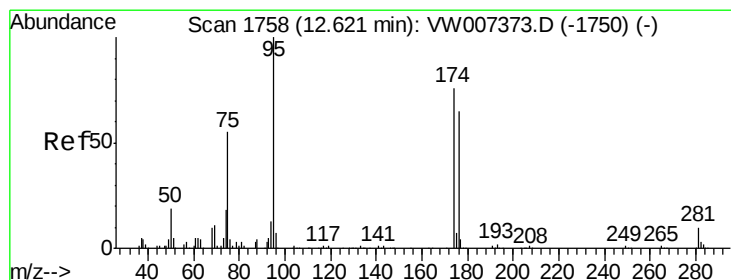
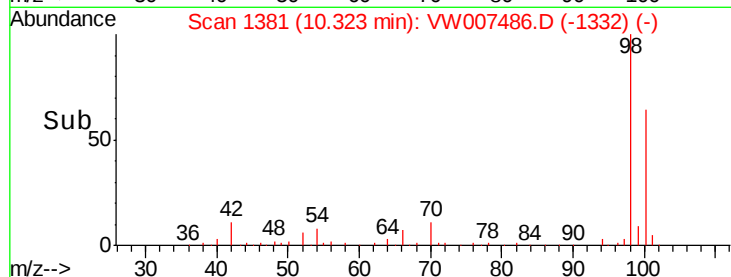
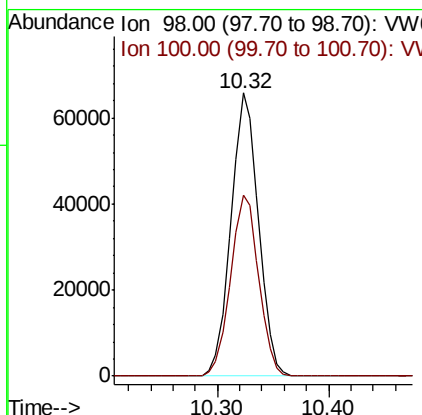
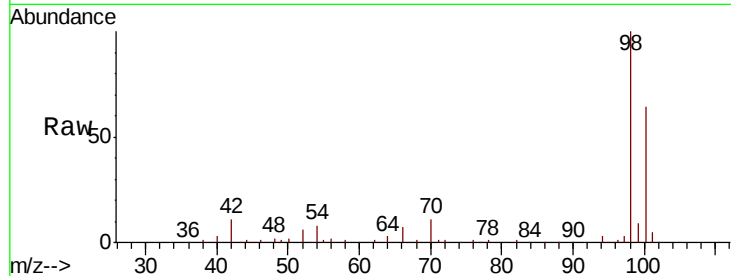




#50
Toluene-d8
Concen: 40.054 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

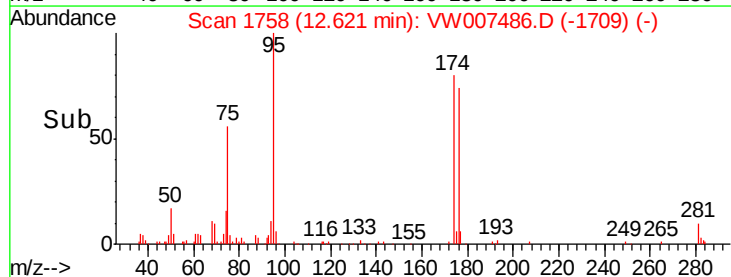
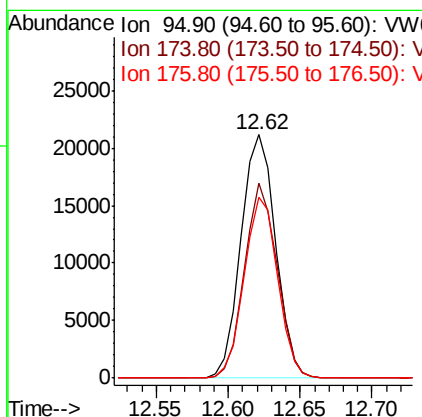
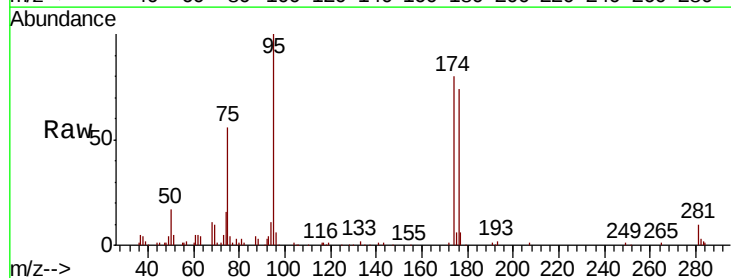
Instrument :
MSVOA_W
ClientSampled :
SB-08A

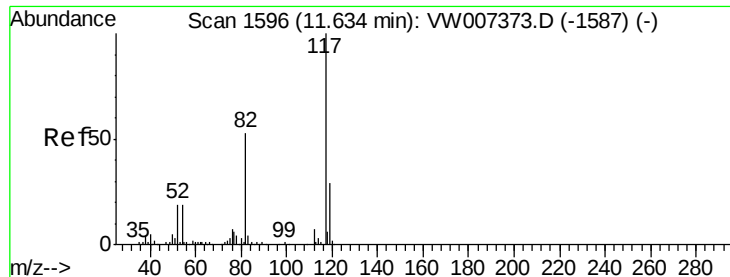
Tot Ion: 98 Resp: 112196
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 34.216 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007486.D
Acq: 13 Dec 2018 14:18

Tgt Ion: 95 Resp: 35239
Ion Ratio Lower Upper
95 100
174 75.8 0.0 147.2
176 71.8 0.0 138.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW007486.D

Acq: 13 Dec 2018 14:18

Instrument :

MSVOA_W

ClientSampleId :

SB-08A

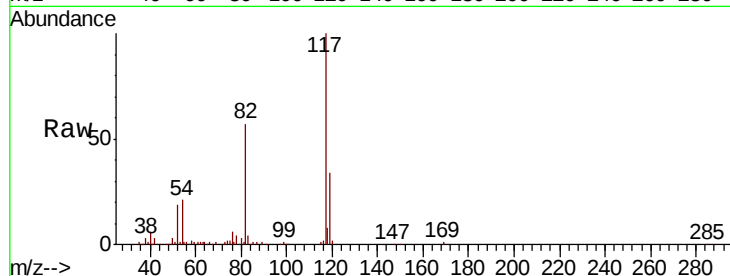
Tot Ion:117 Resp: 96737

Ion Ratio Lower Upper

117 100

82 56.8 42.3 63.5

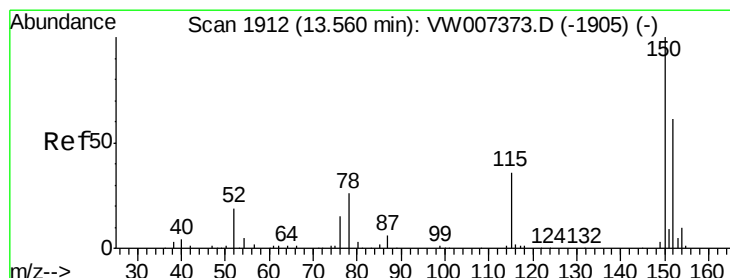
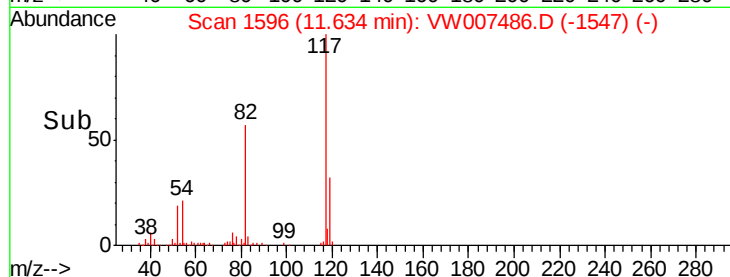
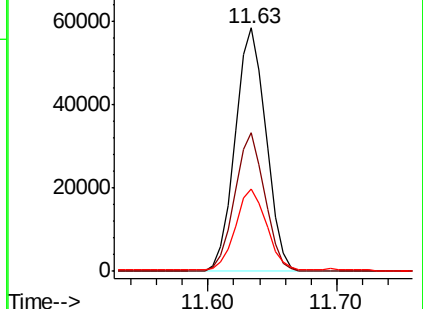
119 33.2 23.0 34.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VW007486.D

Acq: 13 Dec 2018 14:18

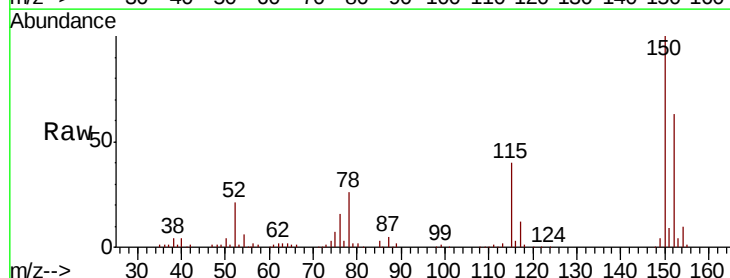
Tgt Ion:152 Resp: 35304

Ion Ratio Lower Upper

152 100

115 62.5 31.4 94.2

150 158.9 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

