

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062996.D
 Acq On : 1 Jul 2019 17:57
 Operator : VA/AP
 Sample : K3601-01
 Misc : 6.67g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4651

Quant Time: Jul 02 08:13:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

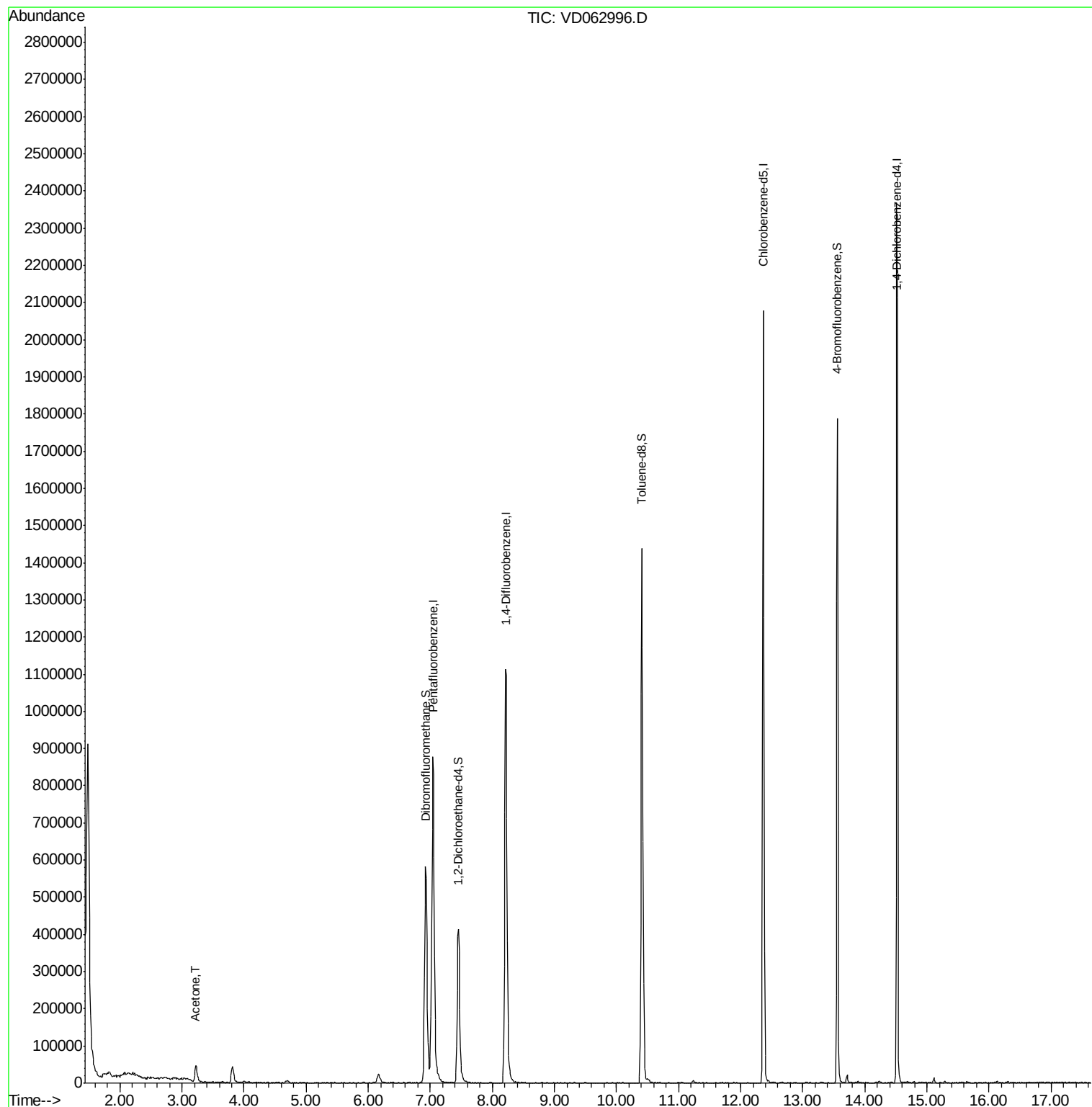
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	892258	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1251688	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1090284	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	540773	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	490627	50.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.18%	
35) Dibromofluoromethane	6.92	113	533605	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
50) Toluene-d8	10.41	98	1138224	49.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.10%	
62) 4-Bromofluorobenzene	13.56	95	489109	46.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.66%	
Target Compounds						
16) Acetone	3.22	43	87371	38.504	ug/l	Qvalue 99

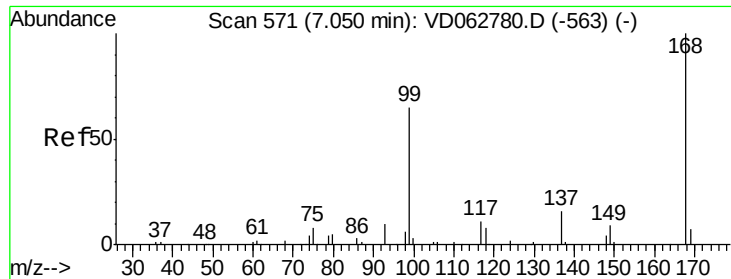
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

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MSVOA_D

ClientSampleId :

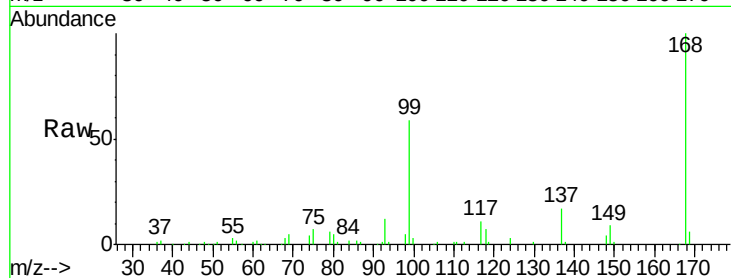
RT-4651

Tot Ion:168 Resp: 892258

Ion Ratio Lower Upper

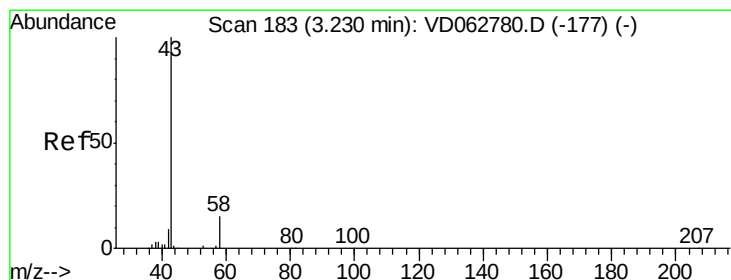
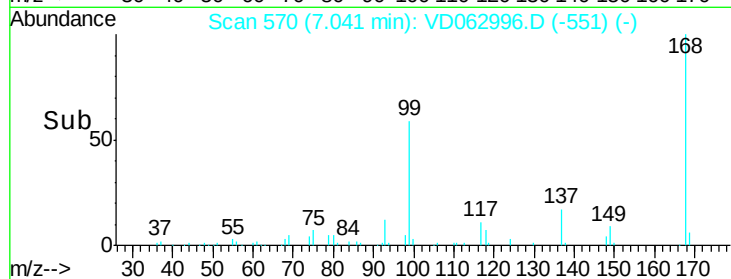
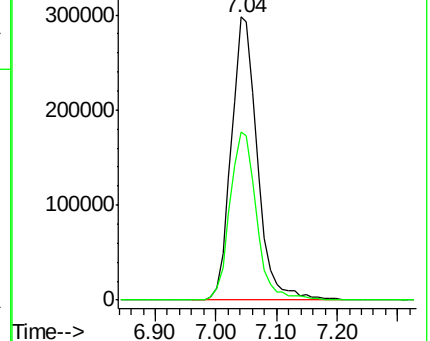
168 100

99 59.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 38.504 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD062996.D

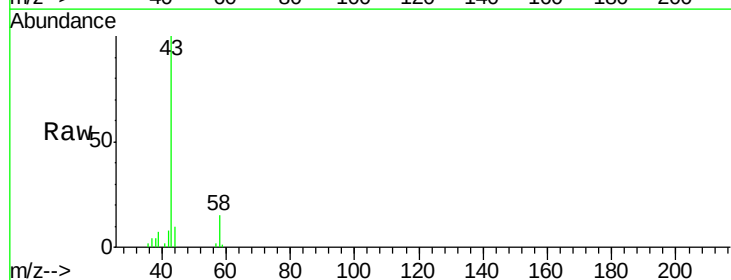
Acq: 1 Jul 2019 17:57

Tgt Ion: 43 Resp: 87371

Ion Ratio Lower Upper

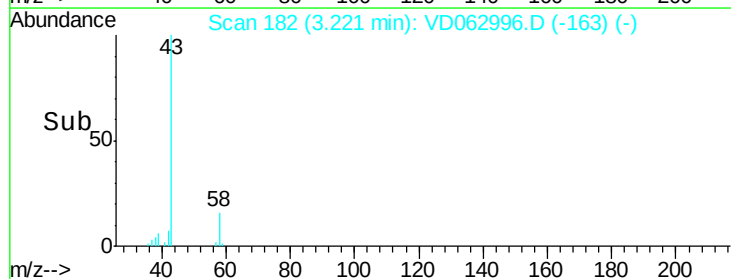
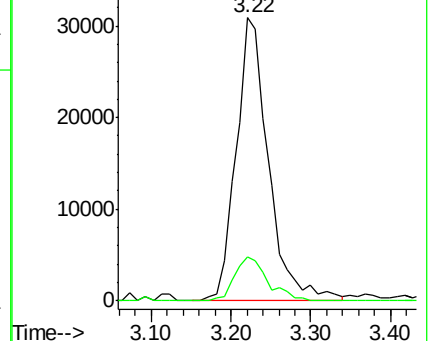
43 100

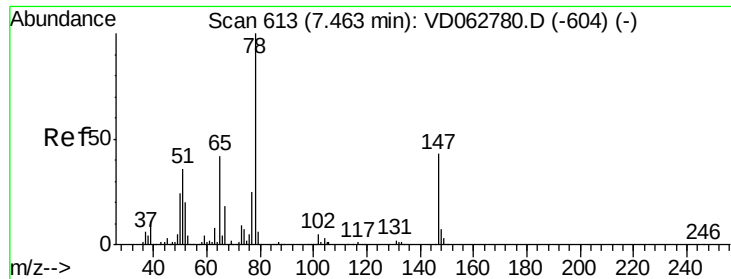
58 15.3 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

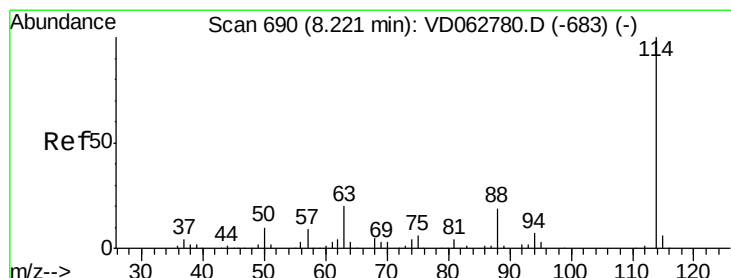
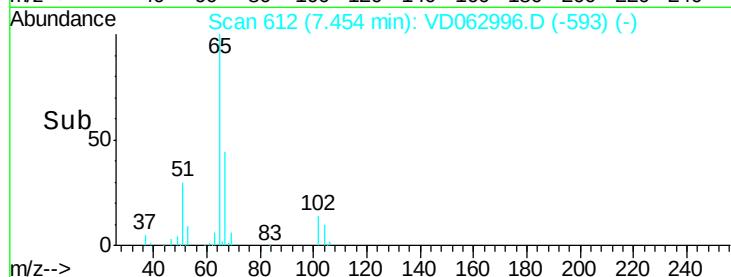
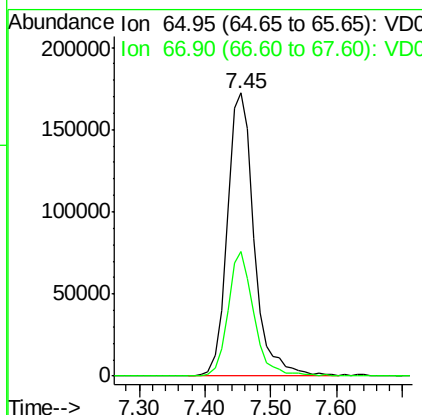
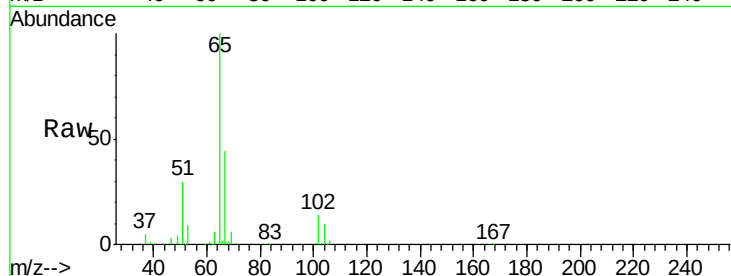




#33
 1,2-Dichloroethane-d4
 Concen: 50.587 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD062996.D
 Acq: 1 Jul 2019 17:57

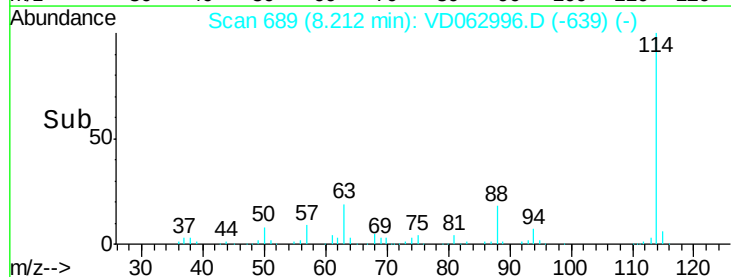
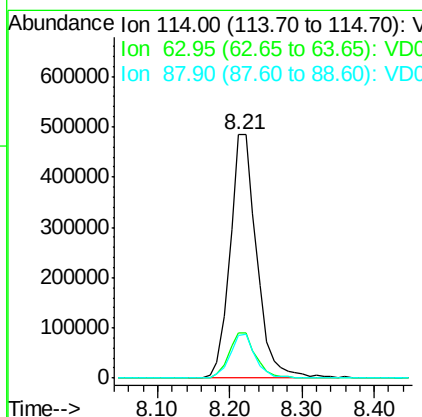
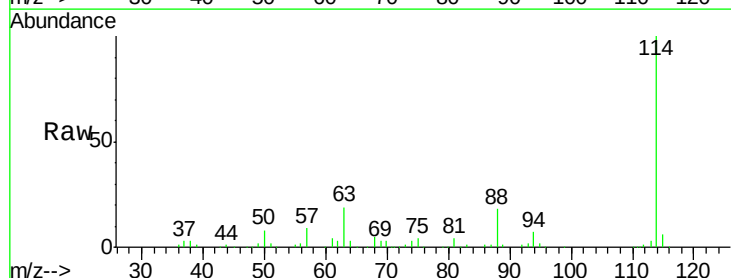
Instrument :
 MSVOA_D
 ClientSampleId :
 RT-4651

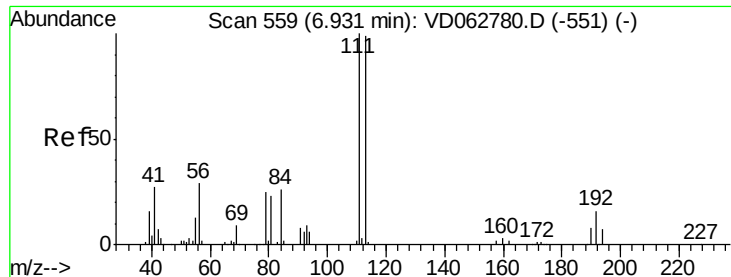
Tot Ion: 65 Resp: 490627
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.01 min
 Lab File: VD062996.D
 Acq: 1 Jul 2019 17:57

Tgt Ion: 114 Resp: 1251688
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 40.0
 88 17.7 0.0 38.8





#35

Dibromofluoromethane

Concen: 50.559 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

RT-4651

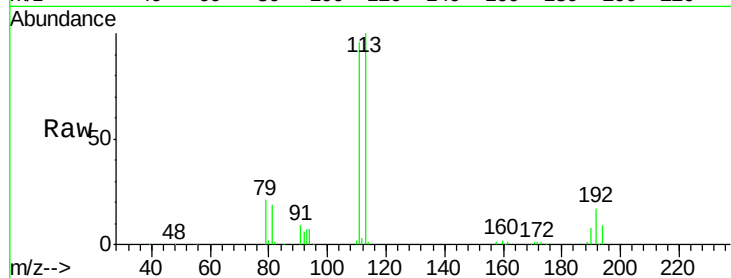
Tot Ion:113 Resp: 533605

Ion Ratio Lower Upper

113 100

111 96.4 81.2 121.8

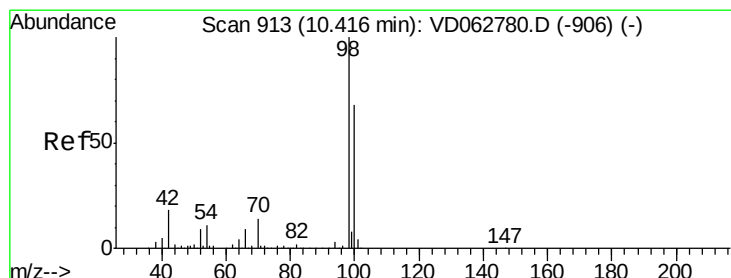
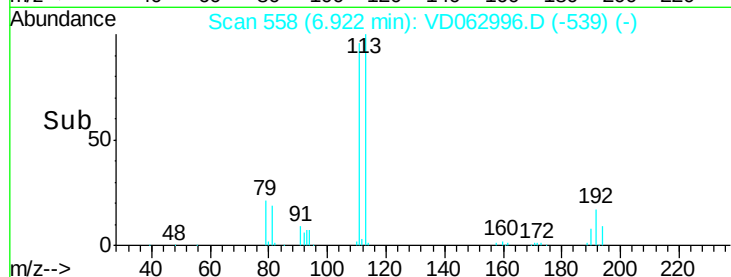
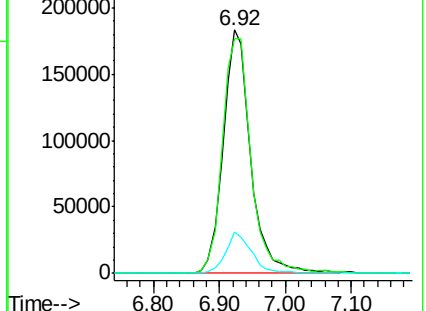
192 17.1 12.9 19.3



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: 49.551 ug/l

RT: 10.41 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD062996.D

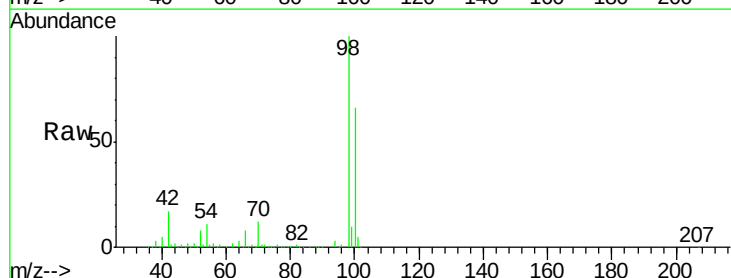
Acq: 1 Jul 2019 17:57

Tgt Ion: 98 Resp: 1138224

Ion Ratio Lower Upper

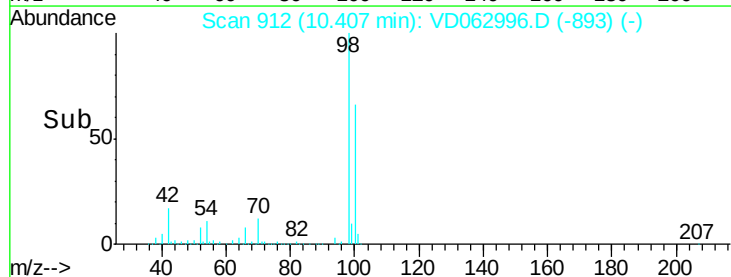
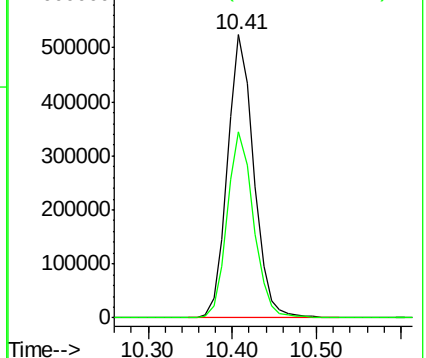
98 100

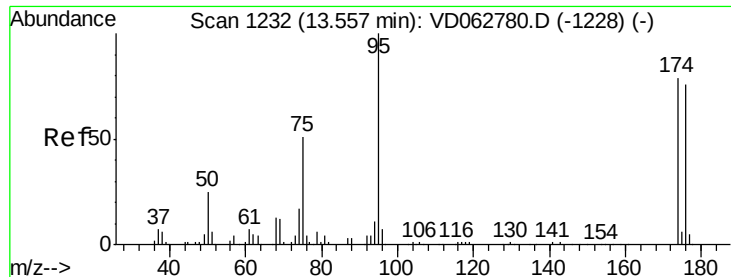
100 65.7 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 46.827 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

RT-4651

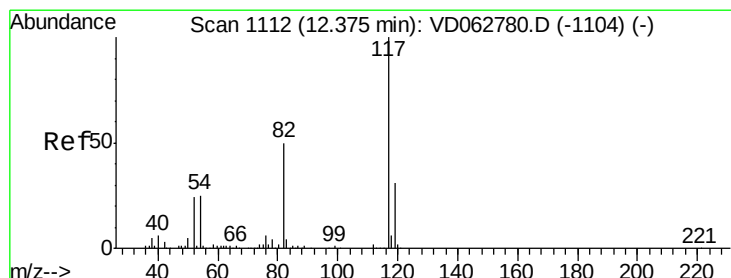
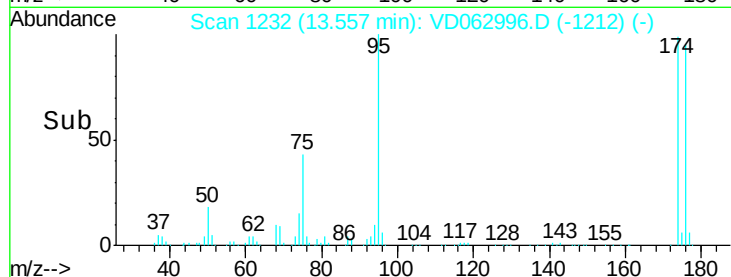
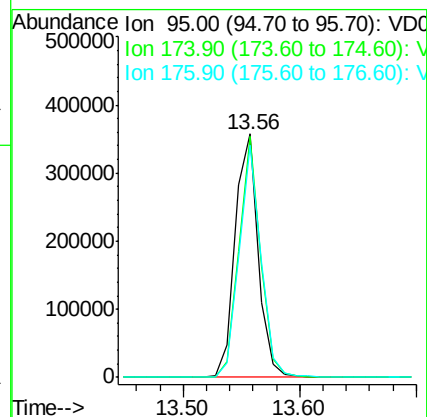
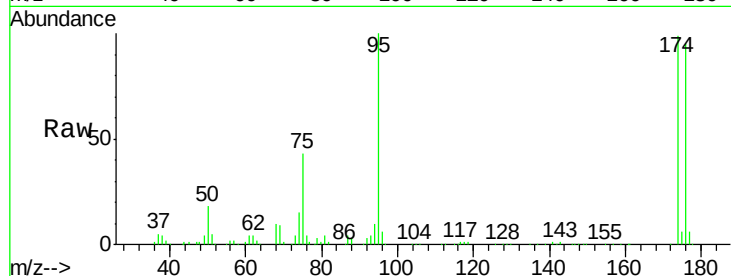
Tot Ion: 95 Resp: 489109

Ion Ratio Lower Upper

95 100

174 99.2 0.0 158.0

176 95.5 0.0 151.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

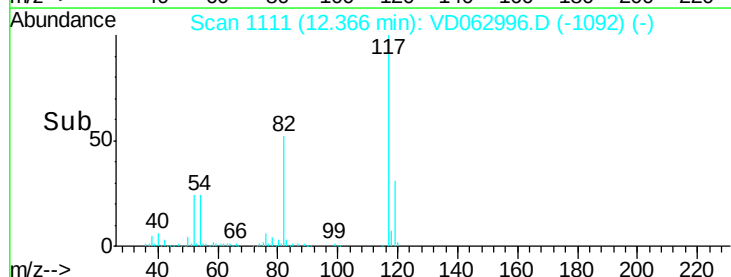
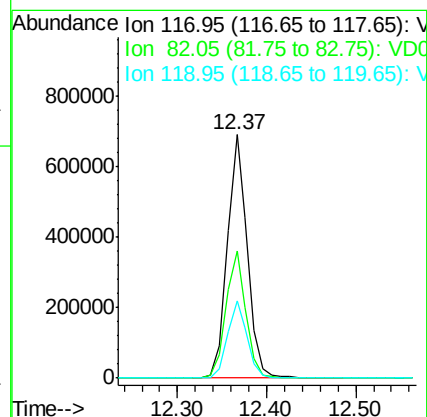
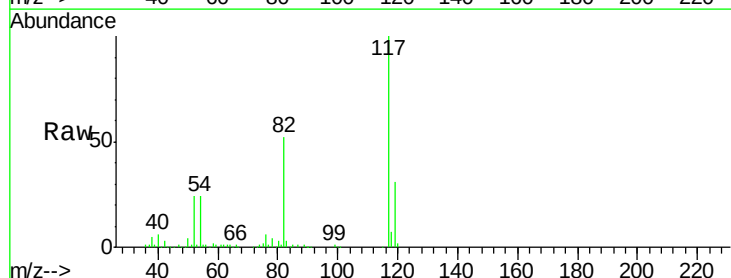
Tgt Ion: 117 Resp: 1090284

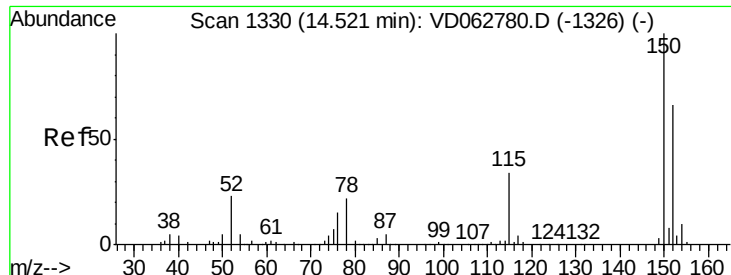
Ion Ratio Lower Upper

117 100

82 52.3 40.4 60.6

119 31.5 25.2 37.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD062996.D

Acq: 1 Jul 2019 17:57

Instrument :

MSVOA_D

ClientSampleId :

RT-4651

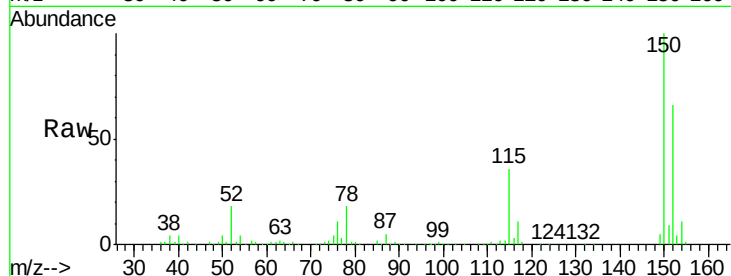
Tot Ion:152 Resp: 540773

Ion Ratio Lower Upper

152 100

115 54.6 29.2 87.6

150 151.3 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

