

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062797.D
 Acq On : 20 Jun 2019 16:43
 Operator : VA/AP
 Sample : K3447-02RE
 Misc : 5.04g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BOTTOM-2RE

Quant Time: Jun 21 07:09:06 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

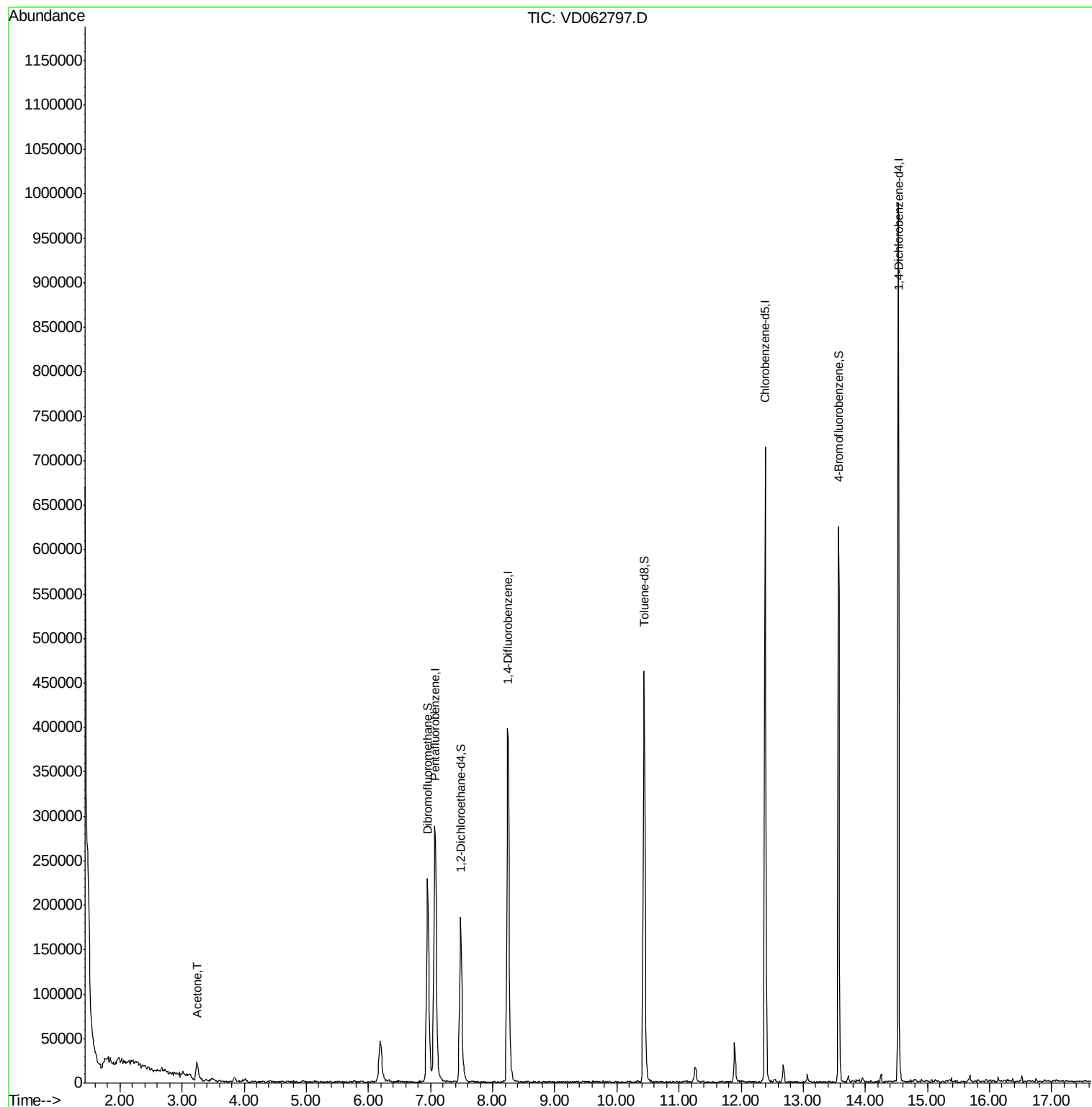
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	274591	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	417647	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.39	117	364030	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	199483	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	208496	69.85	ug/l	0.02
Spiked Amount 50.000			Recovery	=	139.70%	
35) Dibromofluoromethane	6.95	113	184437	52.37	ug/l	0.02
Spiked Amount 50.000			Recovery	=	104.74%	
50) Toluene-d8	10.44	98	364003	47.49	ug/l	0.02
Spiked Amount 50.000			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	13.57	95	180390	51.76	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.52%	
Target Compounds						
16) Acetone	3.24	43	44203	67.934	ug/l	Qvalue 96

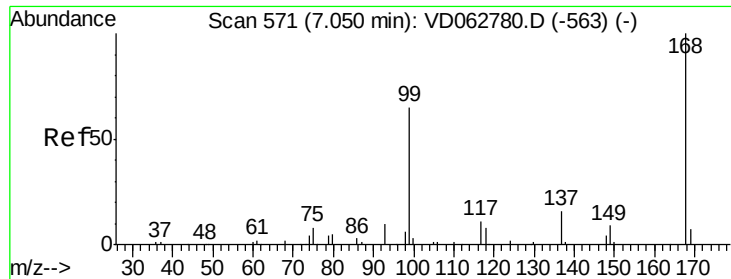
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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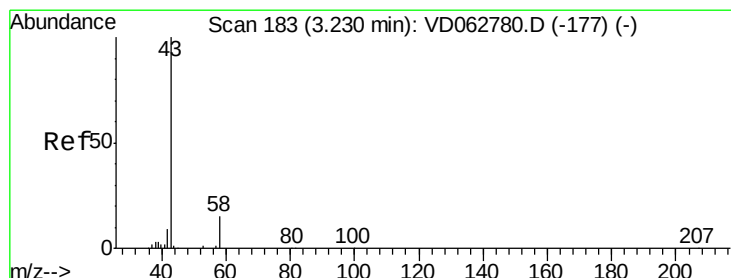
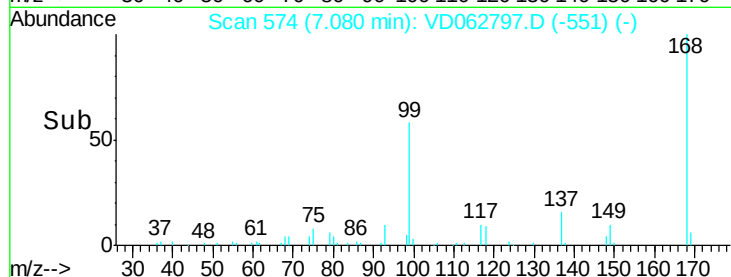
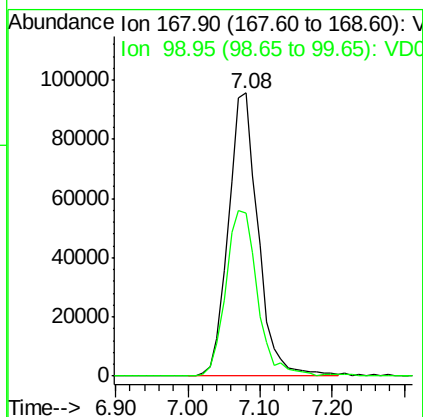
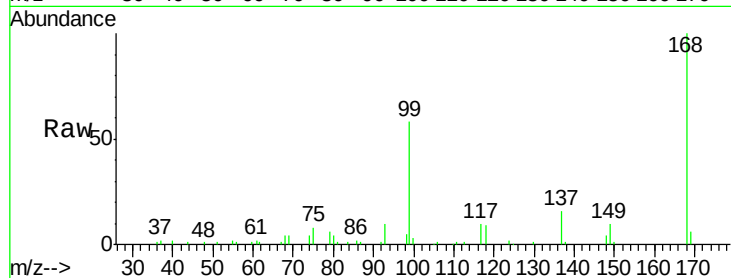




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.08 min Scan# 574
Delta R.T. 0.03 min
Lab File: VD062797.D
Acq: 20 Jun 2019 16:43

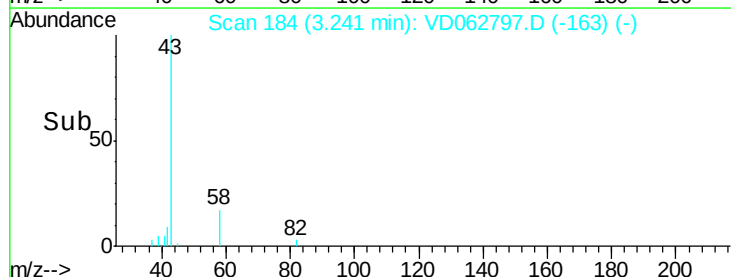
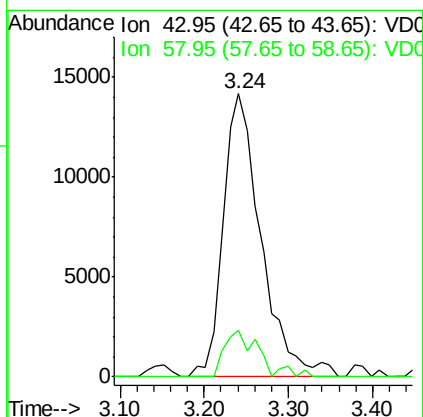
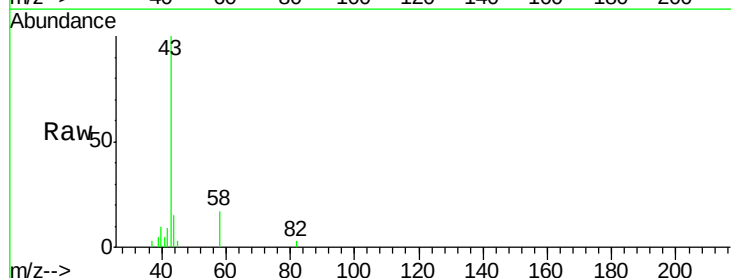
Instrument :
MSVOA_D
ClientSampleId :
BOTTOM-2RE

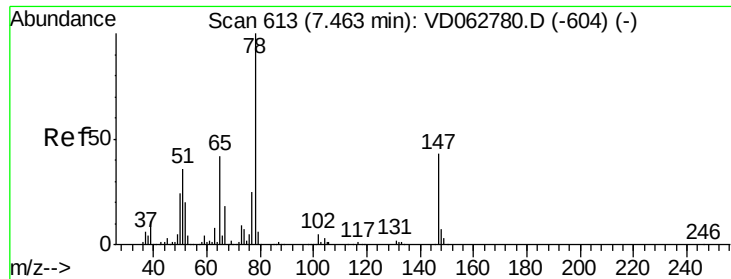
Tot Ion:168 Resp: 274591
Ion Ratio Lower Upper
168 100
99 57.7 53.0 79.6



#16
Acetone
Concen: 67.934 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.01 min
Lab File: VD062797.D
Acq: 20 Jun 2019 16:43

Tgt Ion: 43 Resp: 44203
Ion Ratio Lower Upper
43 100
58 16.6 11.9 17.9

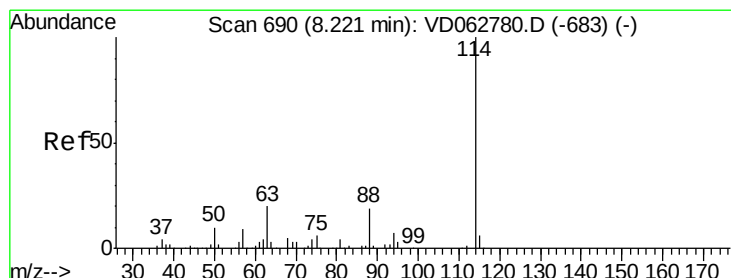
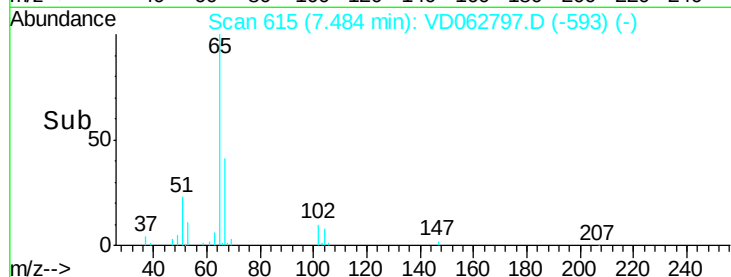
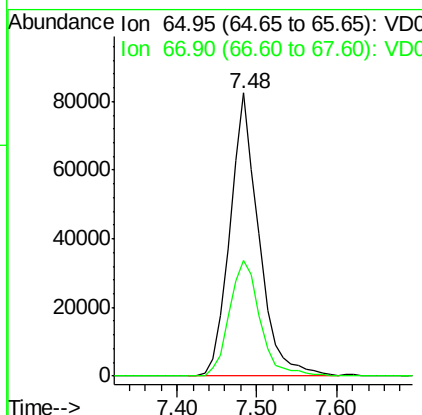
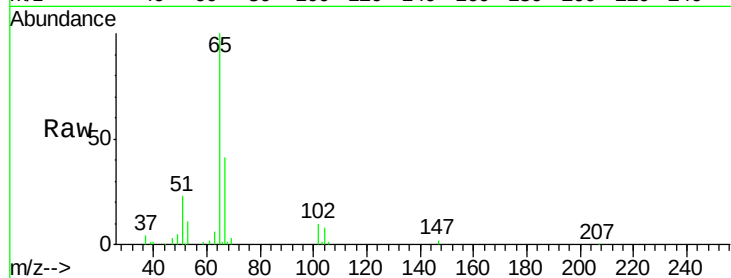




#33
 1,2-Dichloroethane-d4
 Concen: 69.853 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.02 min
 Lab File: VD062797.D
 Acq: 20 Jun 2019 16:43

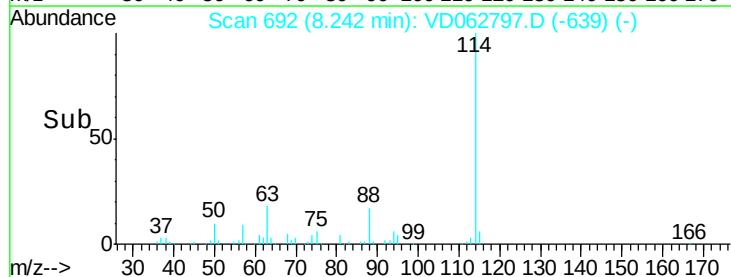
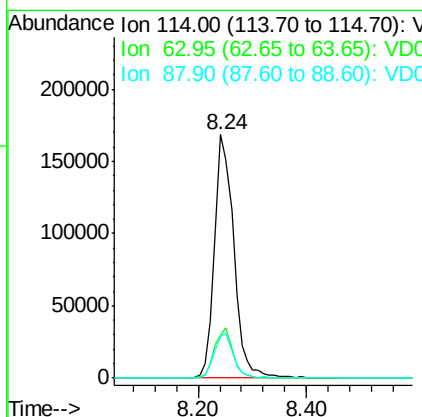
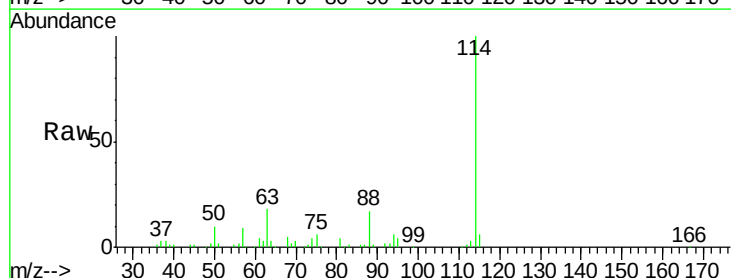
Instrument :
 MSVOA_D
 ClientSampleId :
 BOTTOM-2RE

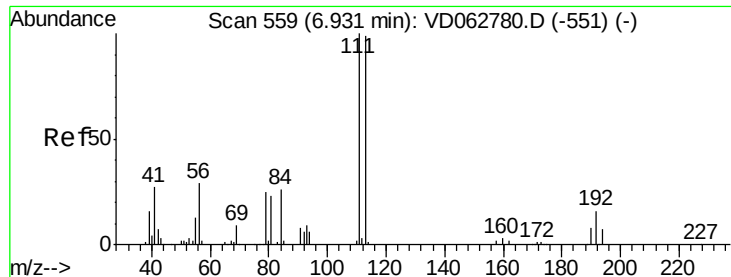
Tot Ion: 65 Resp: 208496
 Ion Ratio Lower Upper
 65 100
 67 40.8 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.02 min
 Lab File: VD062797.D
 Acq: 20 Jun 2019 16:43

Tgt Ion: 114 Resp: 417647
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 40.0
 88 17.2 0.0 38.8

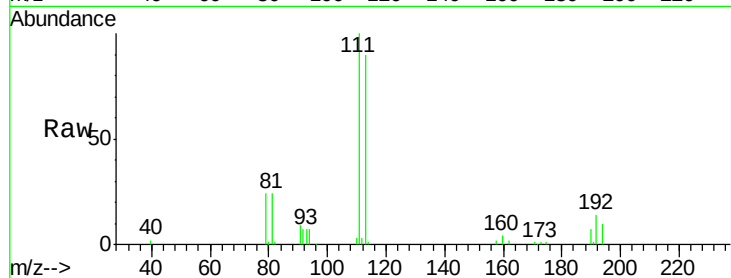




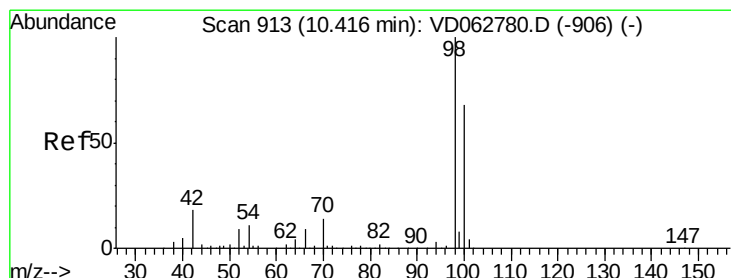
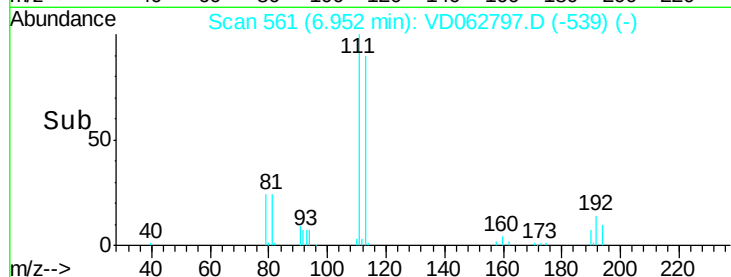
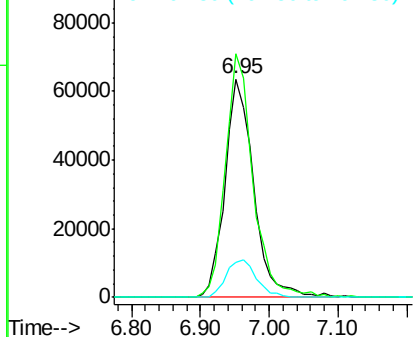
#35
Dibromofluoromethane
Concen: 52.373 ug/l
RT: 6.95 min Scan# 561
Delta R.T. 0.02 min
Lab File: VD062797.D
Acq: 20 Jun 2019 16:43

Instrument :
MSVOA_D
ClientSampleId :
BOTTOM-2RE

Tot Ion:113 Resp: 184437
Ion Ratio Lower Upper
113 100
111 111.5 81.2 121.8
192 15.8 12.9 19.3

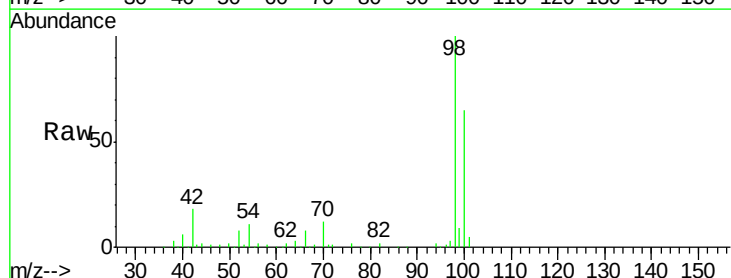


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

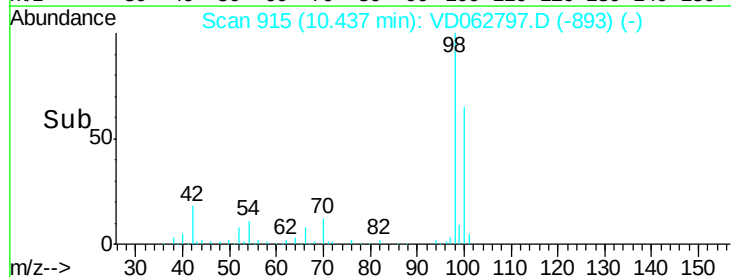
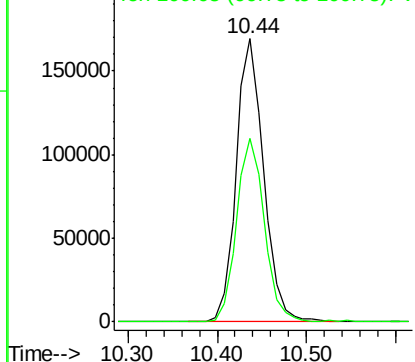


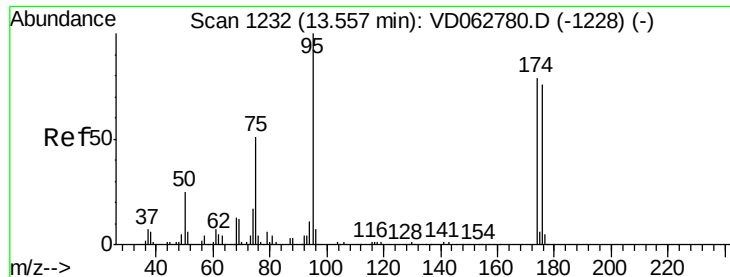
#50
Toluene-d8
Concen: 47.492 ug/l
RT: 10.44 min Scan# 915
Delta R.T. 0.02 min
Lab File: VD062797.D
Acq: 20 Jun 2019 16:43

Tgt Ion: 98 Resp: 364003
Ion Ratio Lower Upper
98 100
100 64.8 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 51.760 ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062797.D

Acq: 20 Jun 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

BOTTOM-2RE

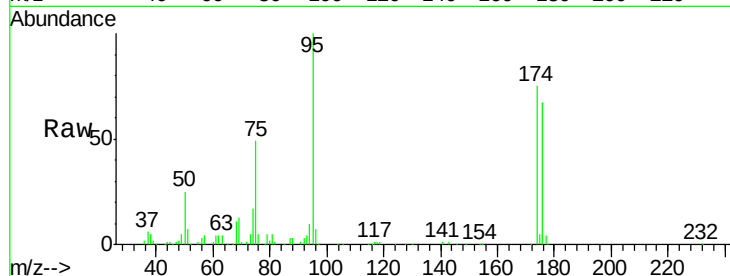
Tot Ion: 95 Resp: 180390

Ion Ratio Lower Upper

95 100

174 74.6 0.0 158.0

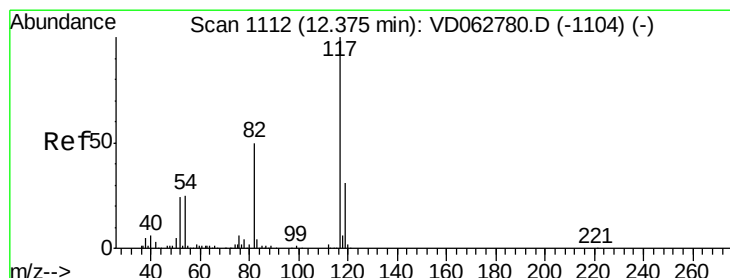
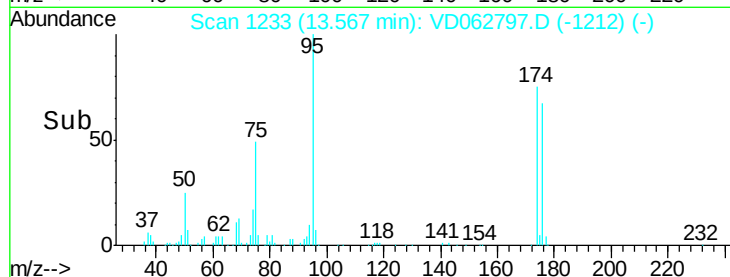
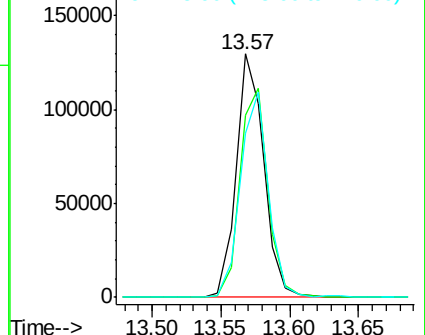
176 67.5 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.39 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD062797.D

Acq: 20 Jun 2019 16:43

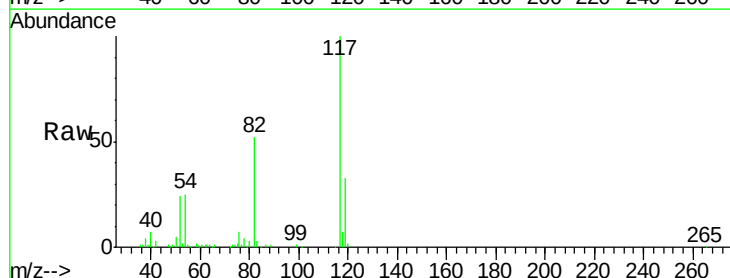
Tgt Ion: 117 Resp: 364030

Ion Ratio Lower Upper

117 100

82 51.9 40.4 60.6

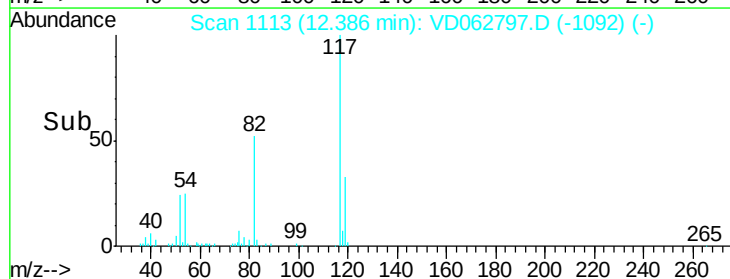
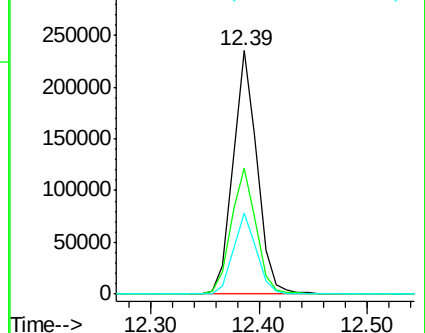
119 33.4 25.2 37.8

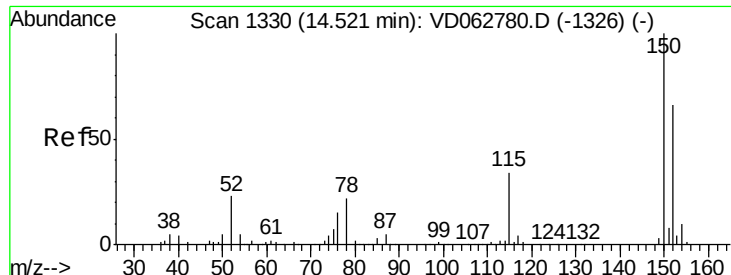


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

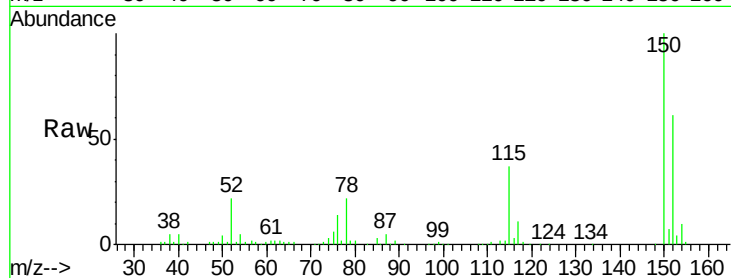




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD062797.D
 Acq: 20 Jun 2019 16:43

Instrument :
 MSVOA_D
 ClientSampleId :
 BOTTOM-2RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	29.2	87.6
150	162.8	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

