

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062815.D
 Acq On : 21 Jun 2019 14:42
 Operator : VA/AP
 Sample : K3470-09
 Misc : 6.40g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6

Quant Time: Jun 22 04:45:55 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

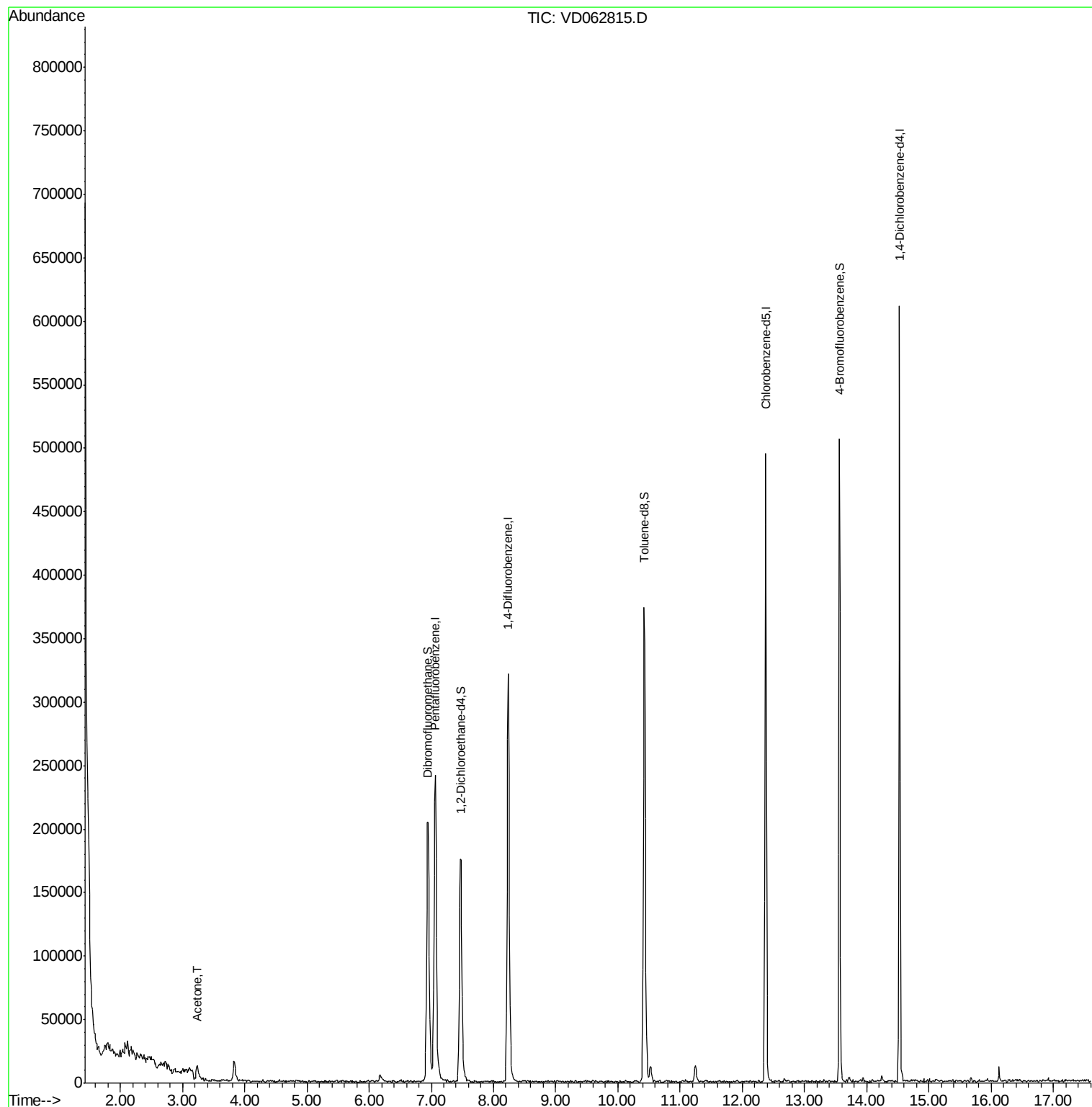
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	224229	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.24	114	317049	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	269676	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	120723	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	216192	88.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	177.40%	
35) Dibromofluoromethane	6.95	113	175223	65.54	ug/l	0.01
Spiked Amount 50.000			Recovery	=	131.08%	
50) Toluene-d8	10.42	98	300009	51.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.12%	
62) 4-Bromofluorobenzene	13.56	95	133680	50.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.06%	
Target Compounds						
16) Acetone	3.24	43	24684	44.181	ug/l #	Qvalue 83

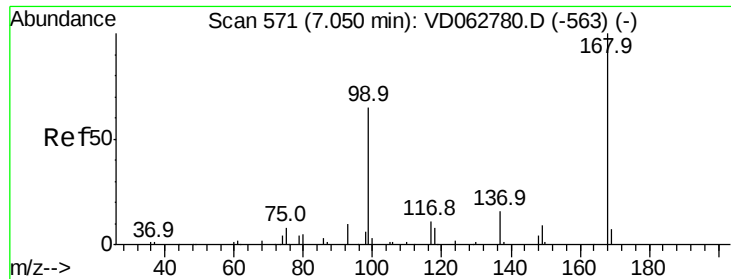
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062815.D

Acq: 21 Jun 2019 14:42

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MSVOA_D

ClientSampleId :

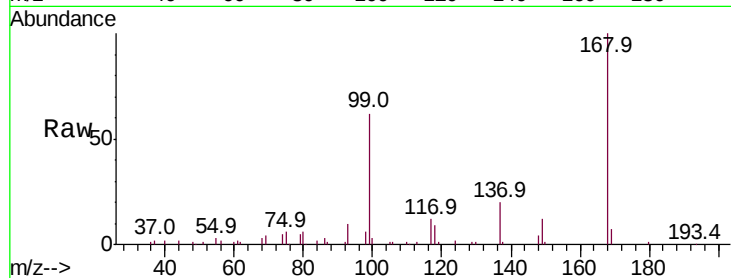
SAMPLE-6

Tot Ion:168 Resp: 224229

Ion Ratio Lower Upper

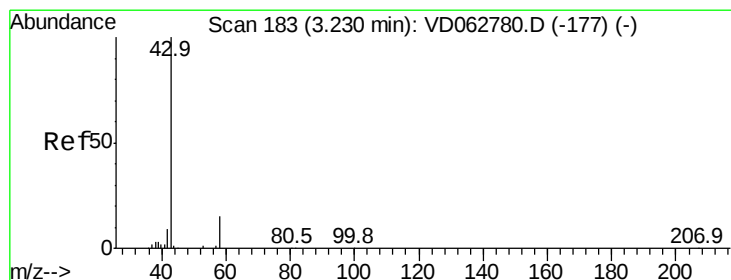
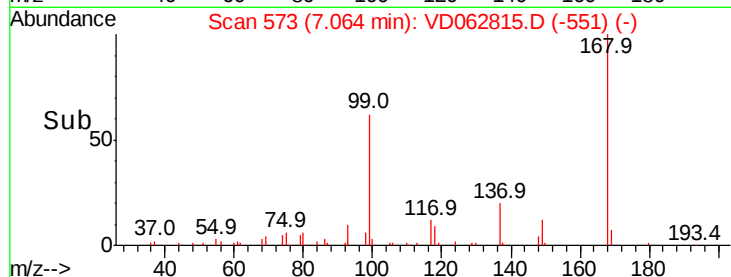
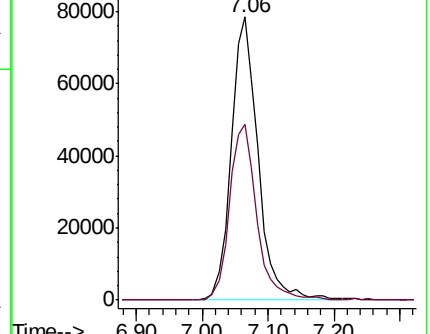
168 100

99 61.9 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: 44.181 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.01 min

Lab File: VD062815.D

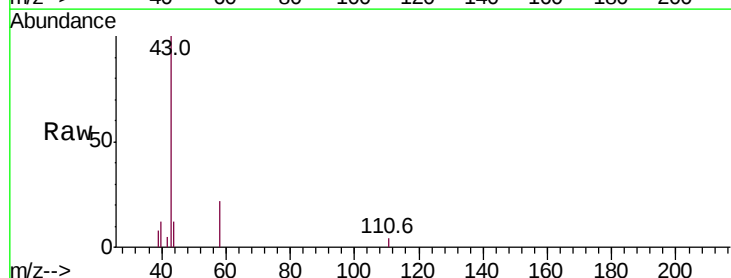
Acq: 21 Jun 2019 14:42

Tgt Ion: 43 Resp: 24684

Ion Ratio Lower Upper

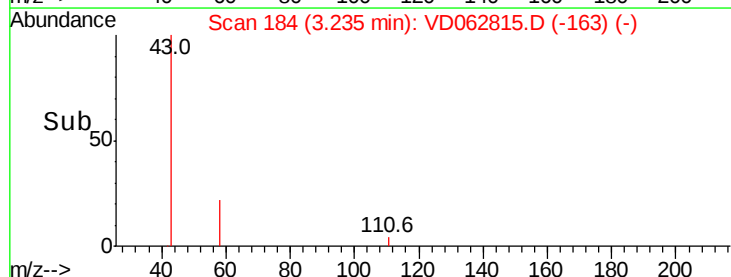
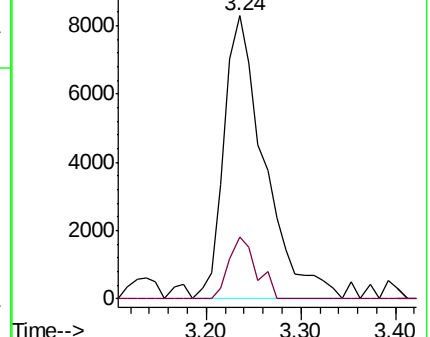
43 100

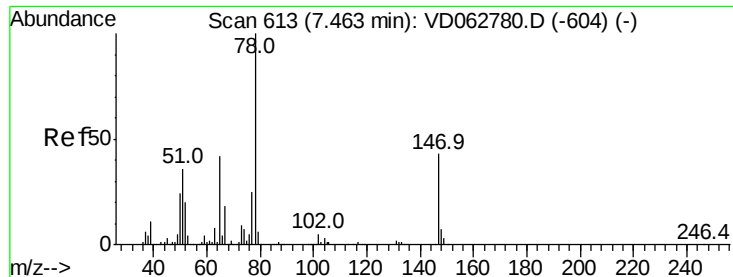
58 22.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

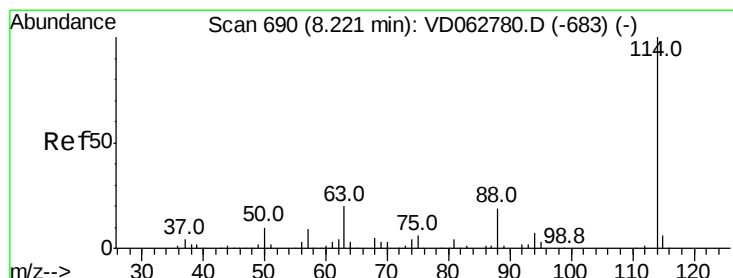
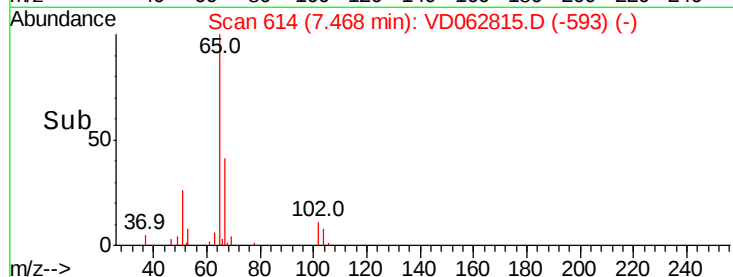
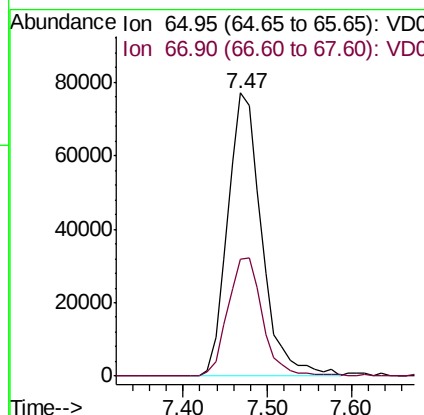
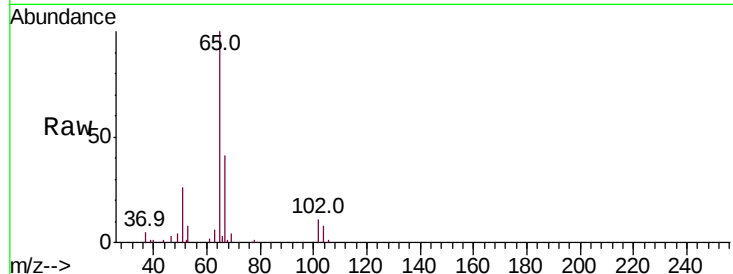




#33
 1,2-Dichloroethane-d4
 Concen: 88.700 ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. 0.01 min
 Lab File: VD062815.D
 Acq: 21 Jun 2019 14:42

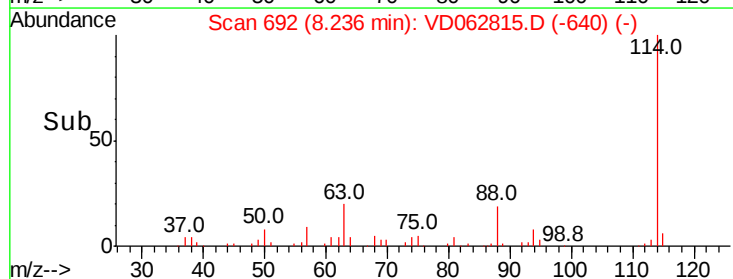
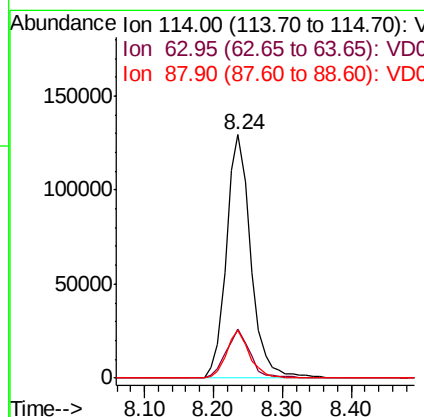
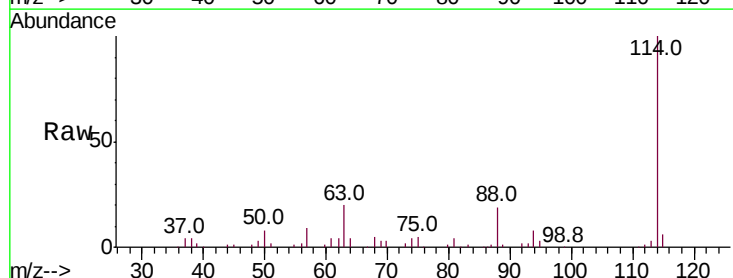
Instrument :
 MSVOA_D
 ClientSampleId :
 SAMPLE-6

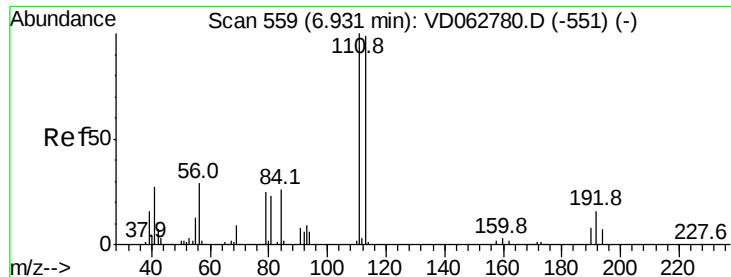
Tot Ion: 65 Resp: 216192
 Ion Ratio Lower Upper
 65 100
 67 41.3 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062815.D
 Acq: 21 Jun 2019 14:42

Tgt Ion: 114 Resp: 317049
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.0
 88 19.5 0.0 38.8





#35

Dibromofluoromethane

Concen: 65.544 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD062815.D

Acq: 21 Jun 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-6

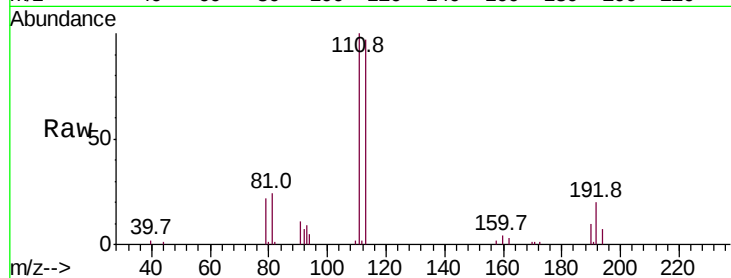
Tot Ion:113 Resp: 175223

Ion Ratio Lower Upper

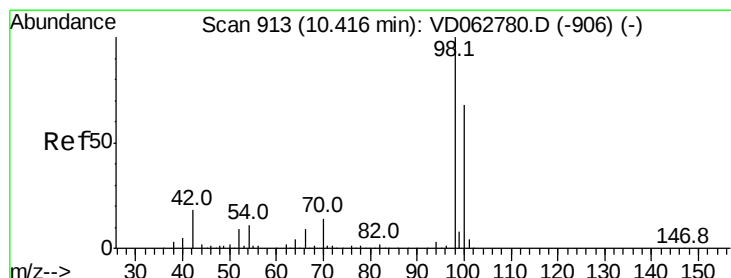
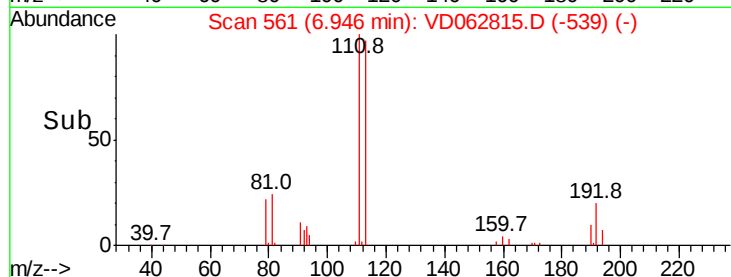
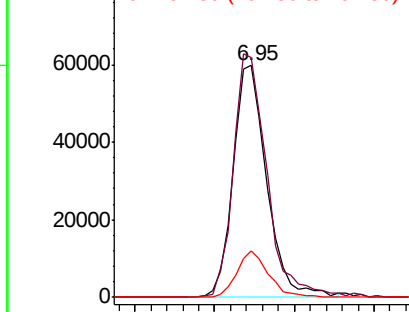
113 100

111 103.5 81.2 121.8

192 20.3 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: 51.562 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062815.D

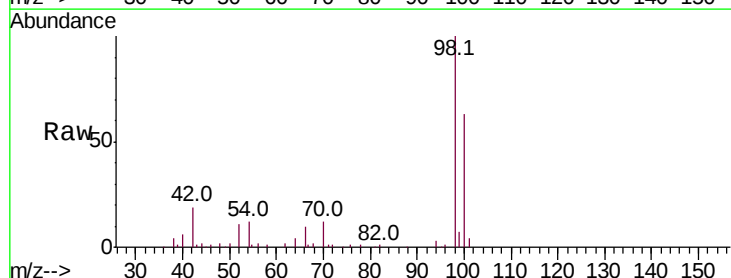
Acq: 21 Jun 2019 14:42

Tgt Ion: 98 Resp: 300009

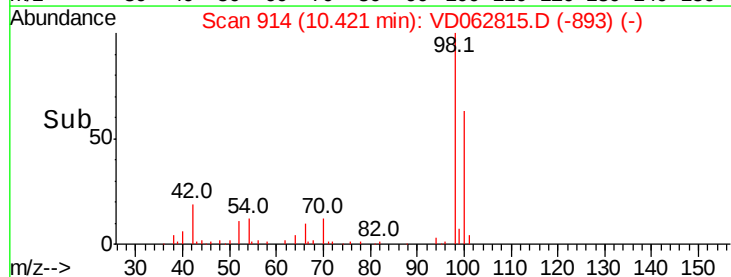
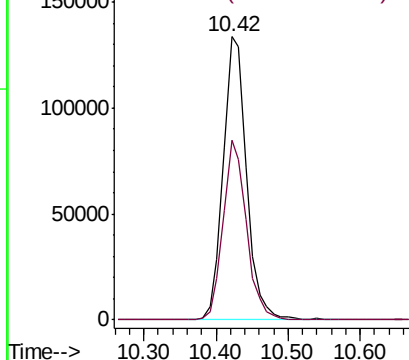
Ion Ratio Lower Upper

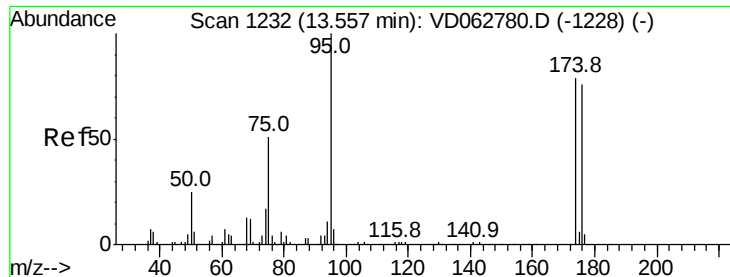
98 100

100 63.3 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: 50.528 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062815.D

Acq: 21 Jun 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-6

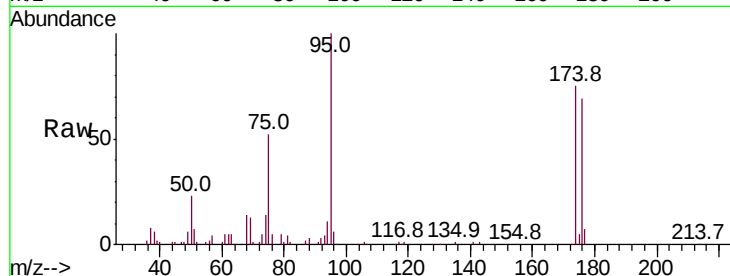
Tot Ion: 95 Resp: 133680

Ion Ratio Lower Upper

95 100

174 75.2 0.0 158.0

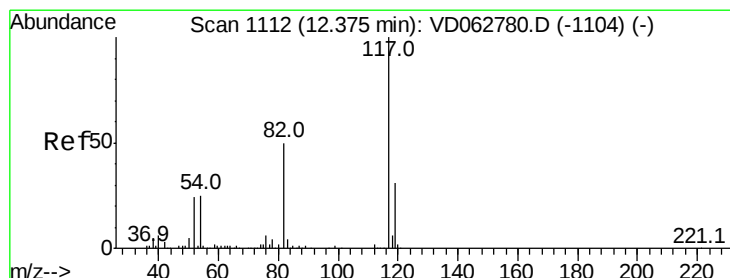
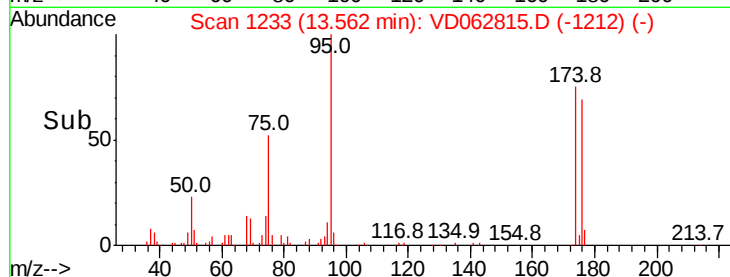
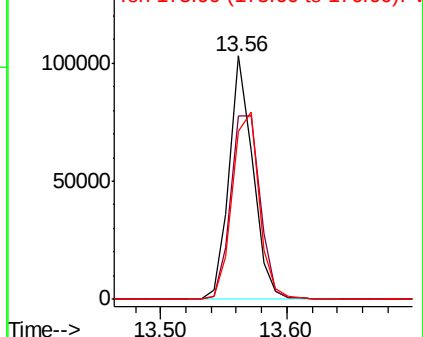
176 69.0 0.0 151.6



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: 12.38 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VD062815.D

Acq: 21 Jun 2019 14:42

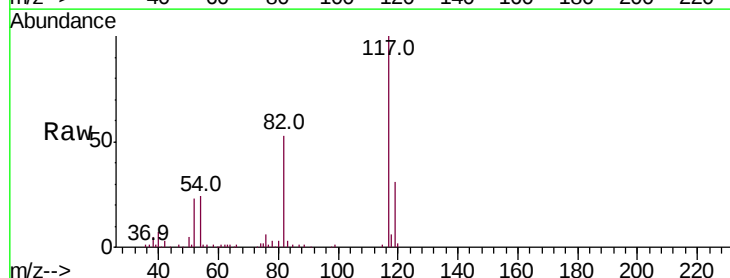
Tgt Ion: 117 Resp: 269676

Ion Ratio Lower Upper

117 100

82 52.9 40.4 60.6

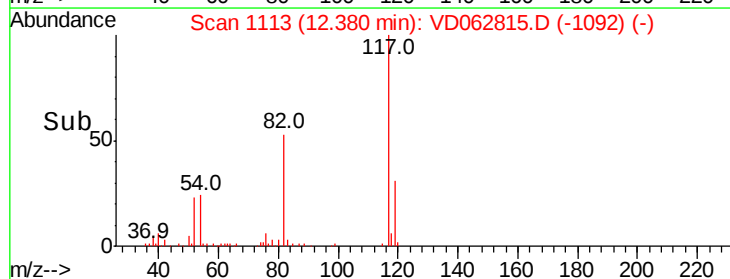
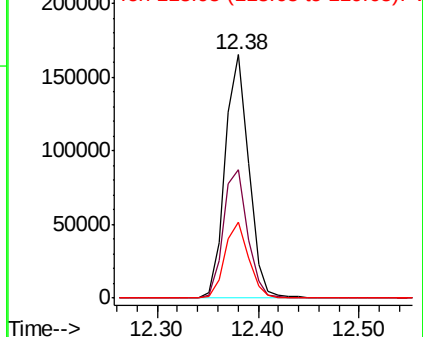
119 31.4 25.2 37.8

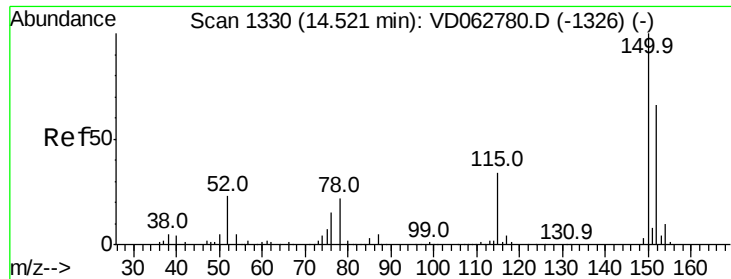


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062815.D

Acq: 21 Jun 2019 14:42

Instrument :

MSVOA_D

ClientSampleId :

SAMPLE-6

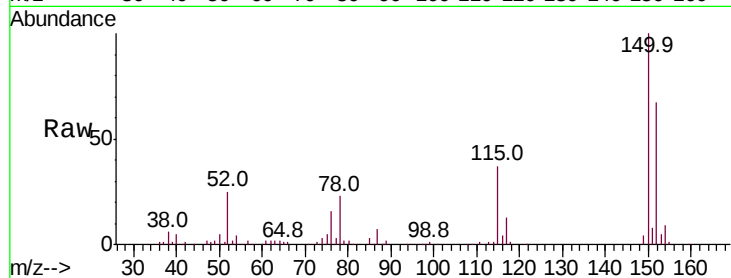
Tot Ion:152 Resp: 120723

Ion Ratio Lower Upper

152 100

115 54.9 29.2 87.6

150 148.9 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

