

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062803.D
 Acq On : 20 Jun 2019 19:26
 Operator : VA/AP
 Sample : K3455-03
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-GIS

Quant Time: Jun 21 07:31:50 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

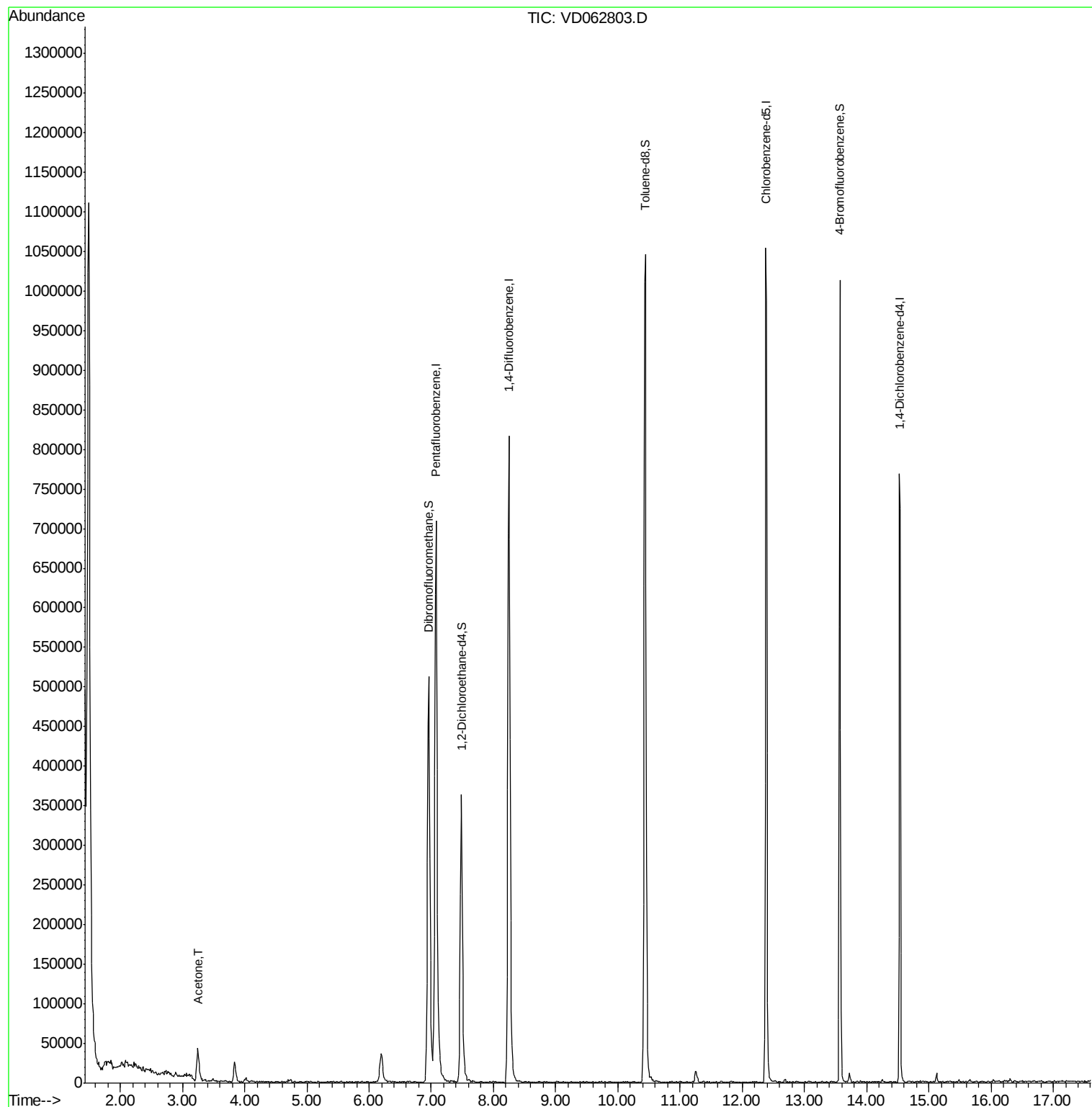
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	670657	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	887824	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	561700	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	183514	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	404121	55.44	ug/l	0.03
Spiked Amount 50.000			Recovery	=	110.88%	
35) Dibromofluoromethane	6.96	113	434891	58.09	ug/l	0.03
Spiked Amount 50.000			Recovery	=	116.18%	
50) Toluene-d8	10.44	98	838132	51.44	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	13.57	95	253821	34.26	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.52%	
Target Compounds						
16) Acetone	3.25	43	85449	52.268	ug/l	Qvalue 97

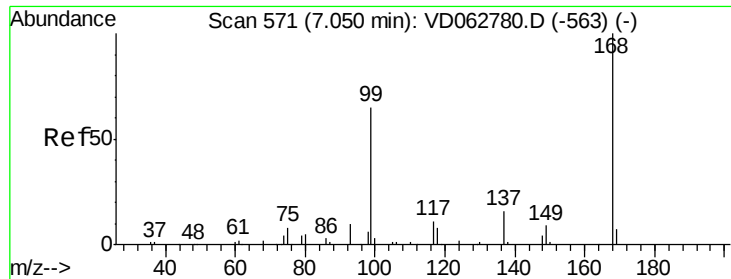
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062019\
Data File : VD062803.D
Acq On : 20 Jun 2019 19:26
Operator : VA/AP
Sample : K3455-03
Misc : 5.76g/5ml/MSVOA D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-2-GIS

Quant Time: Jun 21 07:31:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration

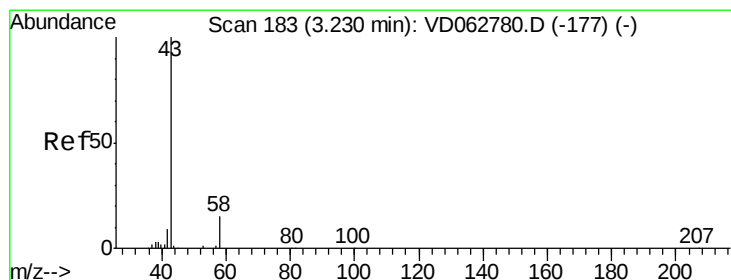
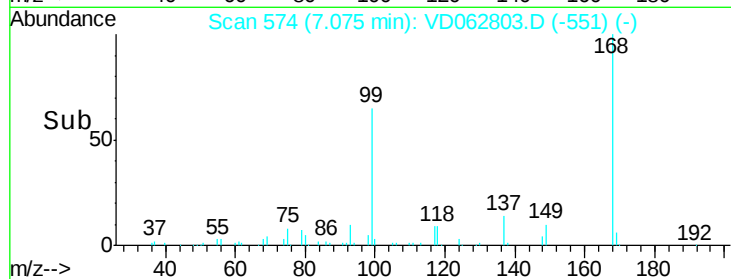
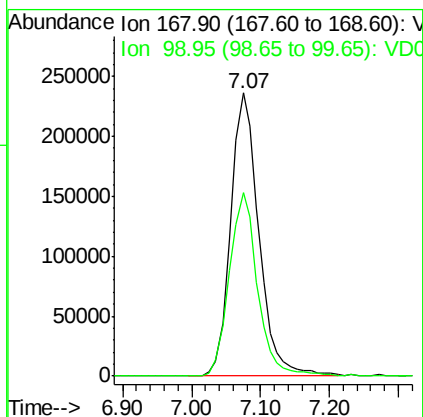
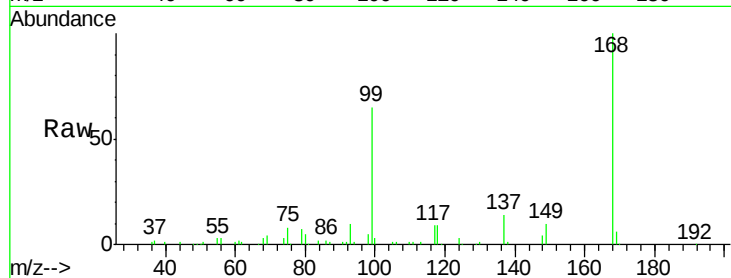




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 574
Delta R.T. 0.03 min
Lab File: VD062803.D
Acq: 20 Jun 2019 19:26

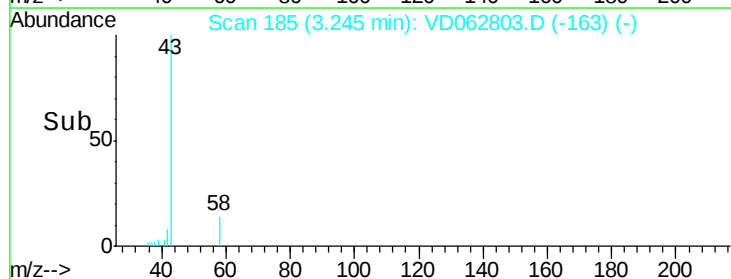
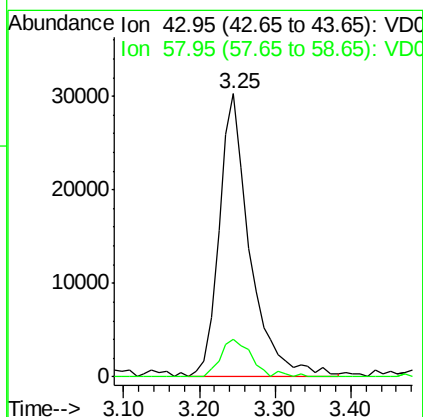
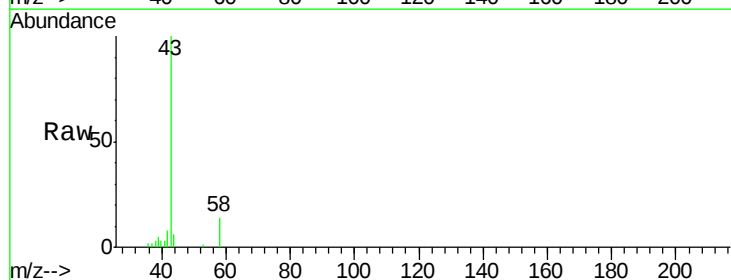
Instrument :
MSVOA_D
ClientSampleId :
TP-2-GIS

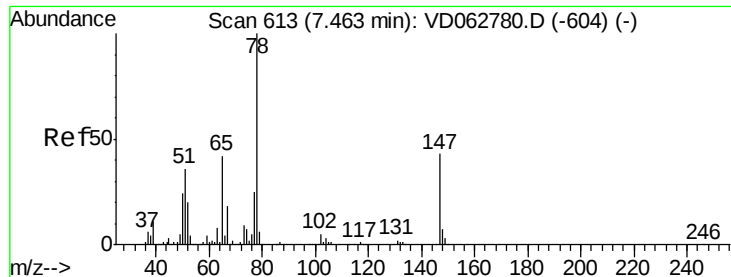
Tot Ion:168 Resp: 670657
Ion Ratio Lower Upper
168 100
99 65.0 53.0 79.6



#16
Acetone
Concen: 52.268 ug/l
RT: 3.25 min Scan# 185
Delta R.T. 0.02 min
Lab File: VD062803.D
Acq: 20 Jun 2019 19:26

Tgt Ion: 43 Resp: 85449
Ion Ratio Lower Upper
43 100
58 13.5 11.9 17.9





#33

1,2-Dichloroethane-d4

Concen: 55.435 ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.03 min

Lab File: VD062803.D

Acq: 20 Jun 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

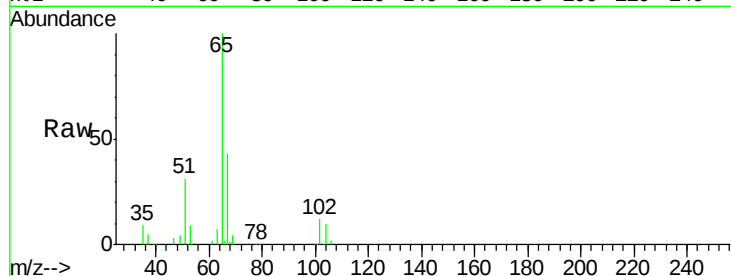
TP-2-GIS

Tot Ion: 65 Resp: 404121

Ion Ratio Lower Upper

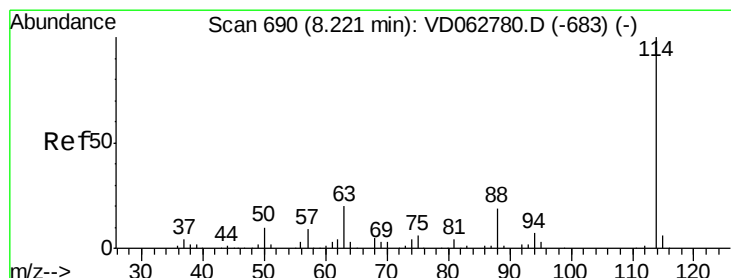
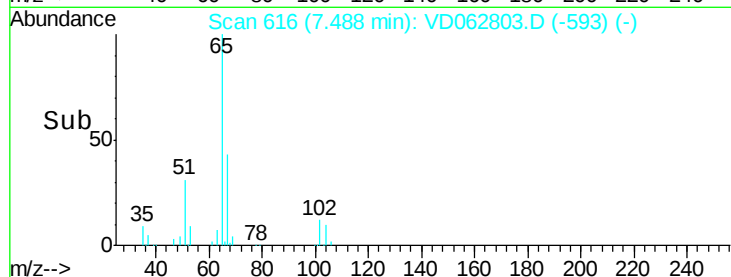
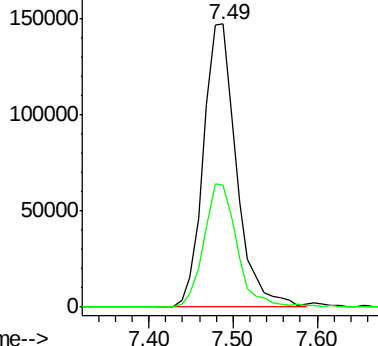
65 100

67 43.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.25 min Scan# 693

Delta R.T. 0.03 min

Lab File: VD062803.D

Acq: 20 Jun 2019 19:26

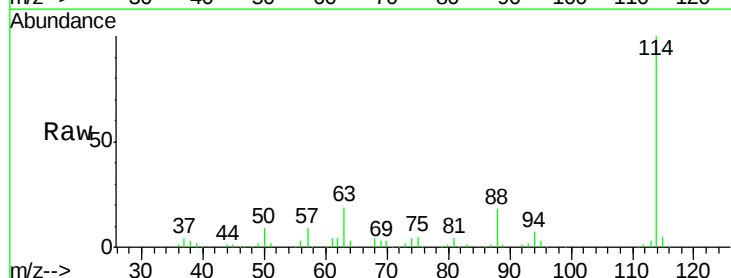
Tgt Ion: 114 Resp: 887824

Ion Ratio Lower Upper

114 100

63 19.0 0.0 40.0

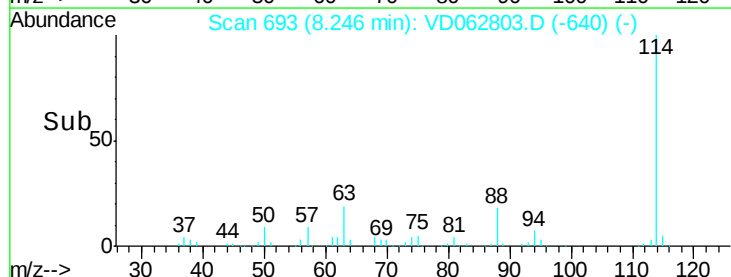
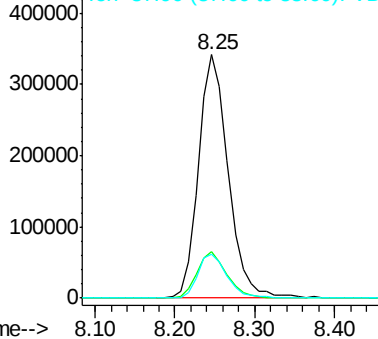
88 18.2 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 58.093 ug/l

RT: 6.96 min Scan# 562

Delta R.T. 0.03 min

Lab File: VD062803.D

Acq: 20 Jun 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

TP-2-GIS

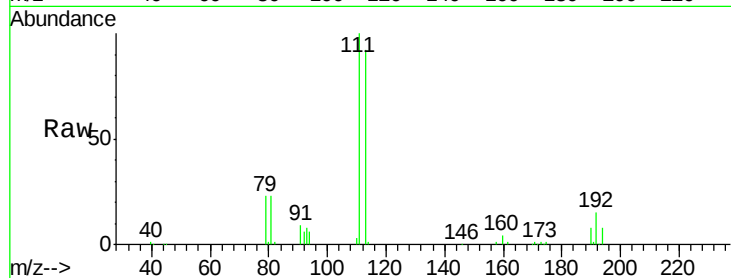
Tot Ion:113 Resp: 434891

Ion Ratio Lower Upper

113 100

111 108.8 81.2 121.8

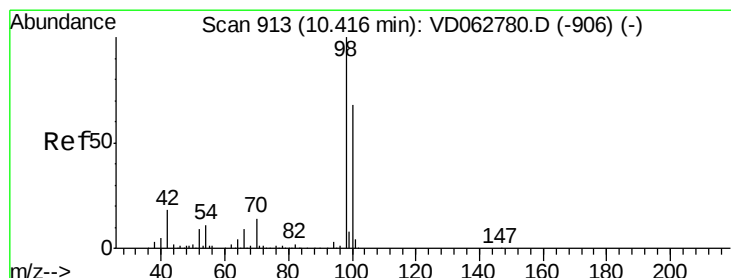
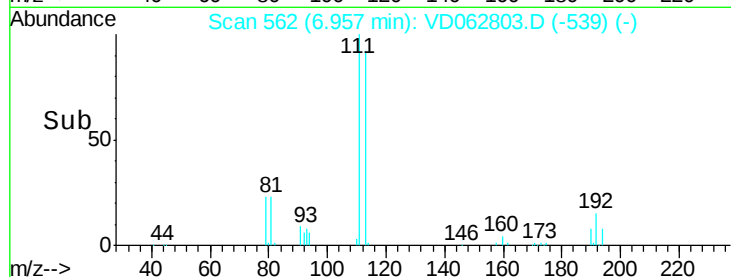
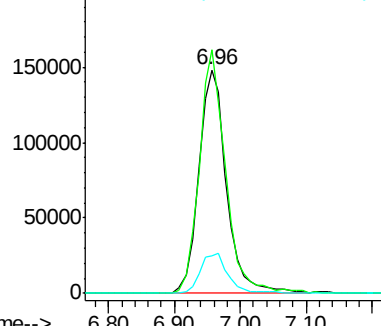
192 16.7 12.9 19.3



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: 51.441 ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.03 min

Lab File: VD062803.D

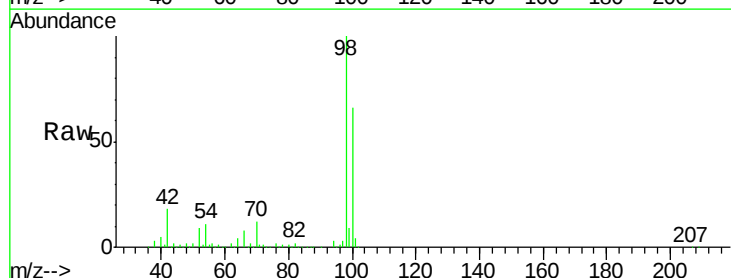
Acq: 20 Jun 2019 19:26

Tgt Ion: 98 Resp: 838132

Ion Ratio Lower Upper

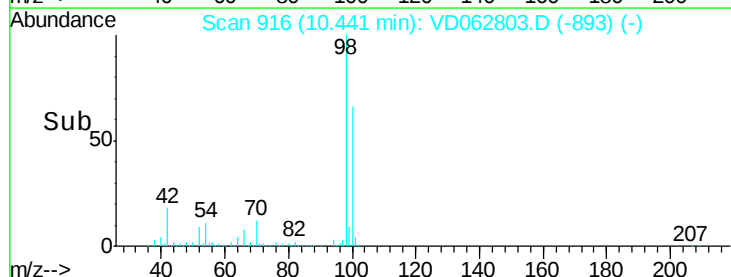
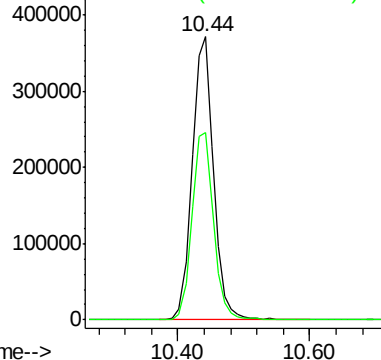
98 100

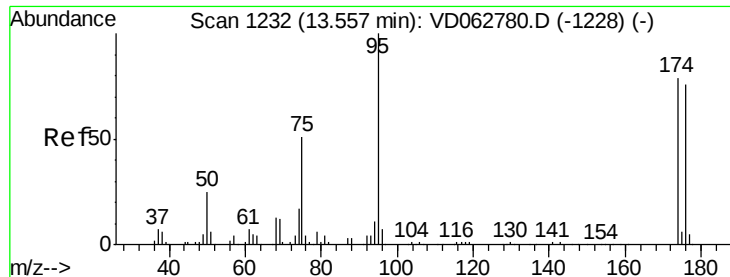
100 66.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 34.260 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD062803.D

Acq: 20 Jun 2019 19:26

Instrument :

MSVOA_D

ClientSampleId :

TP-2-GIS

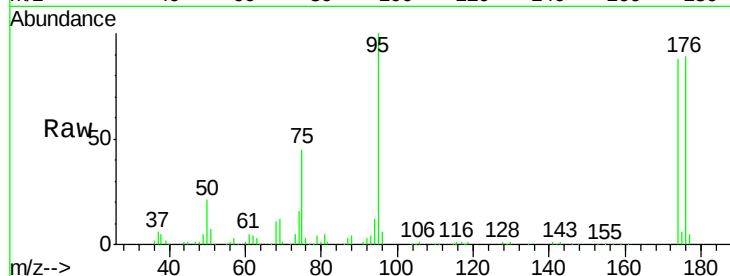
Tot Ion: 95 Resp: 253821

Ion Ratio Lower Upper

95 100

174 88.3 0.0 158.0

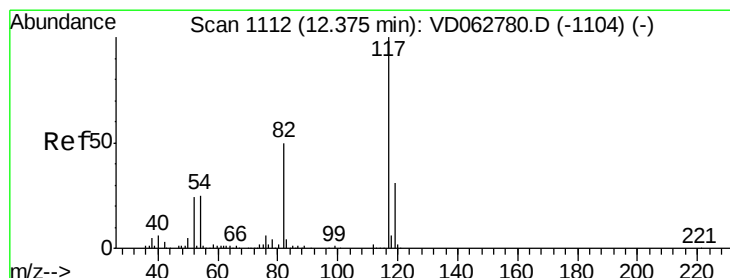
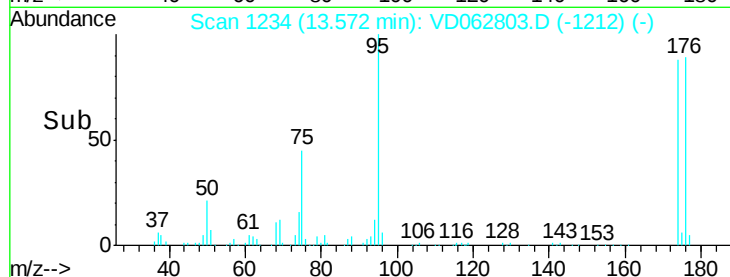
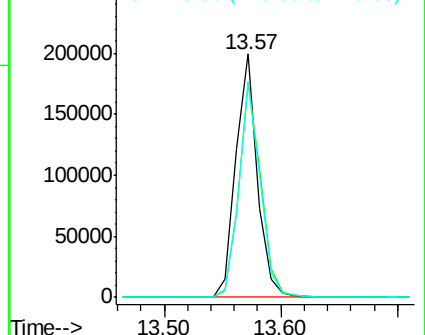
176 88.7 0.0 151.6



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# 1114

Delta R.T. 0.02 min

Lab File: VD062803.D

Acq: 20 Jun 2019 19:26

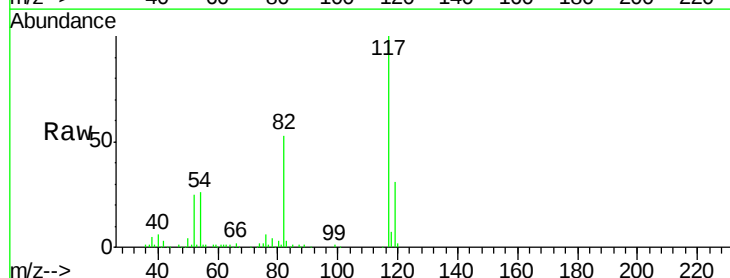
Tgt Ion: 117 Resp: 561700

Ion Ratio Lower Upper

117 100

82 53.4 40.4 60.6

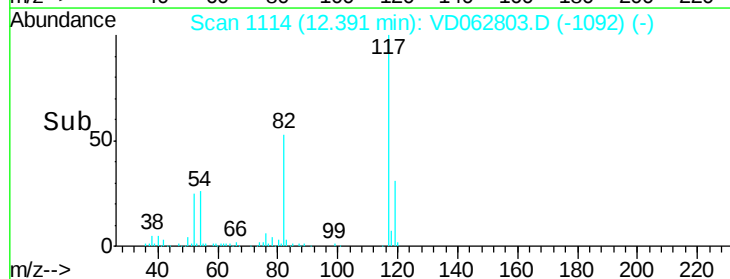
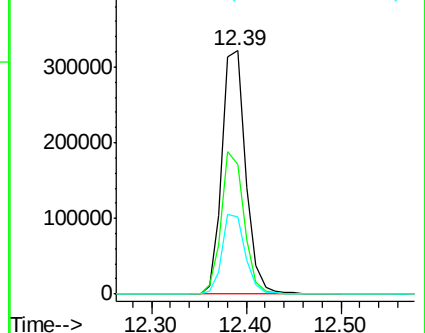
119 31.5 25.2 37.8

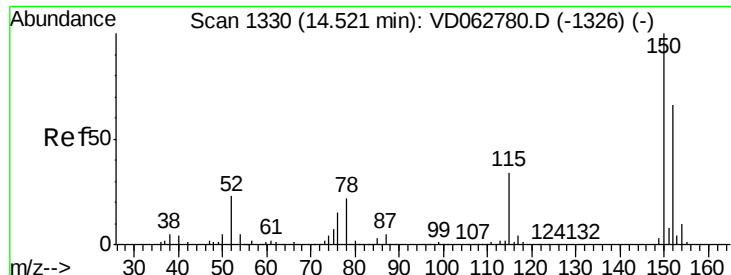


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

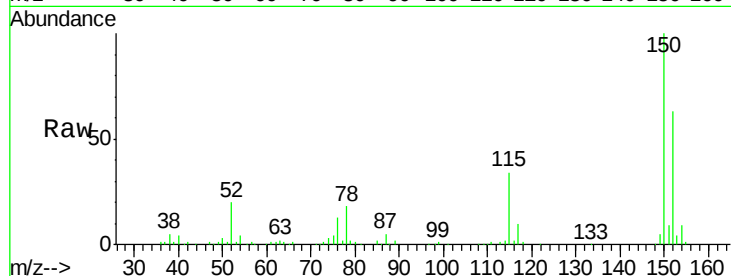




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD062803.D
 Acq: 20 Jun 2019 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-GIS

Tot Ion:152 Resp: 183514
 Ion Ratio Lower Upper
 152 100
 115 54.0 29.2 87.6
 150 158.0 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

