

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030419\
 Data File : VD060924.D
 Acq On : 4 Mar 2019 15:32
 Operator : VA/AP
 Sample : K1669-02
 Misc : 7.46g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-031-A

Quant Time: Mar 05 02:23:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 02 01:28:28 2019
 Response via : Initial Calibration

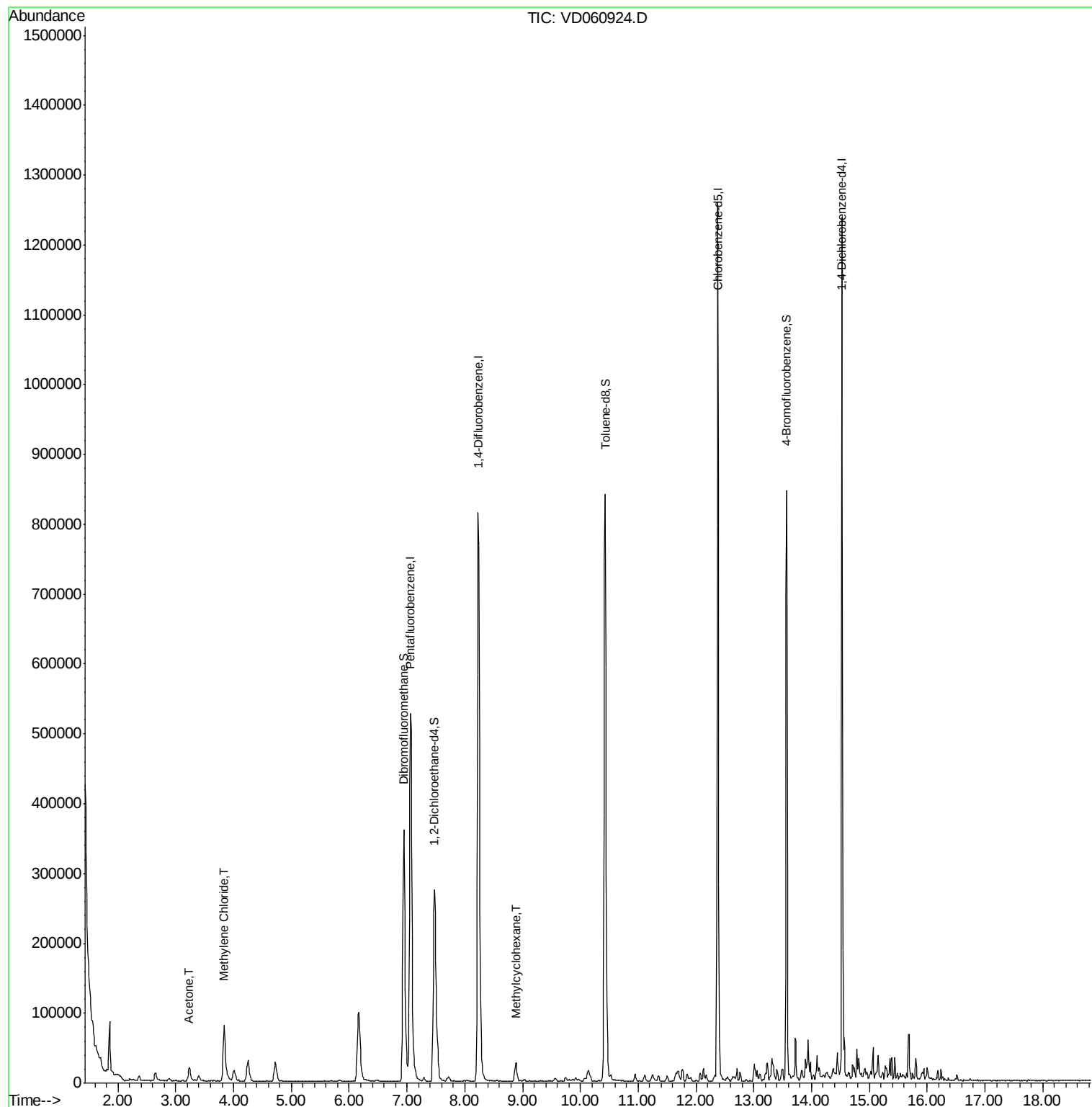
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	563932	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.23	114	1025523	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	791366	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	290150	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	221229	47.45	ug/l	0.03
Spiked Amount 50.000			Recovery	=	94.90%	
35) Dibromofluoromethane	6.94	113	342952	41.71	ug/l	0.03
Spiked Amount 50.000			Recovery	=	83.42%	
50) Toluene-d8	10.43	98	722408	35.31	ug/l	0.03
Spiked Amount 50.000			Recovery	=	70.62%	
62) 4-Bromofluorobenzene	13.57	95	278156	35.98	ug/l	0.02
Spiked Amount 50.000			Recovery	=	71.96%	
Target Compounds						
16) Acetone	3.23	43	39510	25.383	ug/l	97
20) Methylene Chloride	3.83	84	56846	4.382	ug/l	95
39) Methylcyclohexane	8.88	83	15855	1.538	ug/l	91

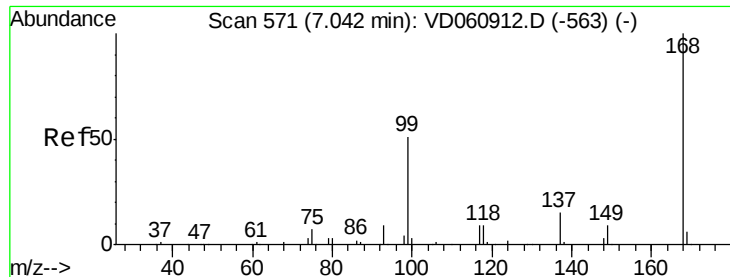
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030419\
Data File : VD060924.D
Acq On : 4 Mar 2019 15:32
Operator : VA/AP
Sample : K1669-02
Misc : 7.46g/5ml/MSVOA D/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-031-A

Quant Time: Mar 05 02:23:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030119S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 02 01:28:28 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: VD060924.D

Acq: 4 Mar 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

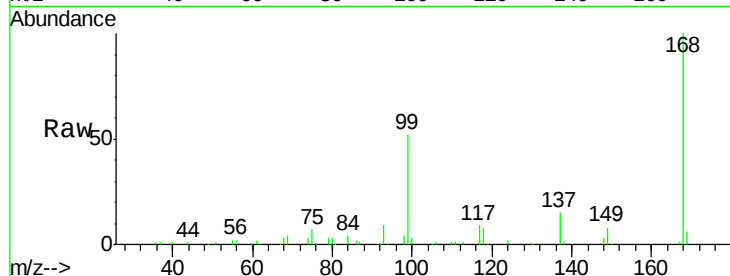
FK-GF-02-031-A

Tot Ion:168 Resp: 563932

Ion Ratio Lower Upper

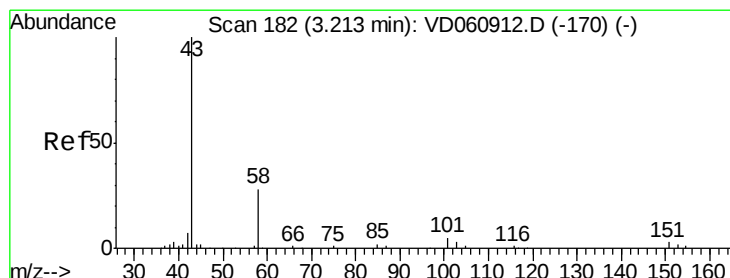
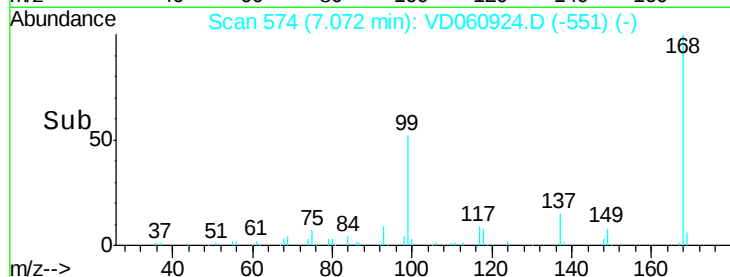
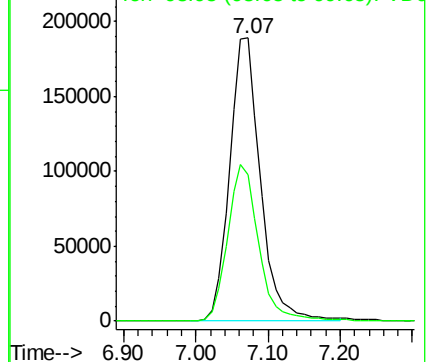
168 100

99 51.6 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 25.383 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD060924.D

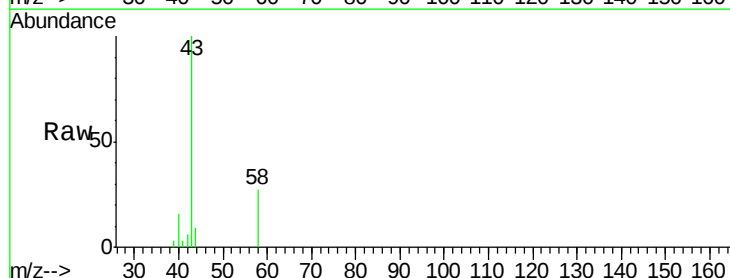
Acq: 4 Mar 2019 15:32

Tgt Ion: 43 Resp: 39510

Ion Ratio Lower Upper

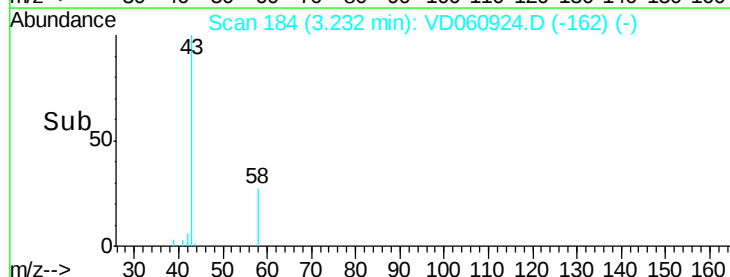
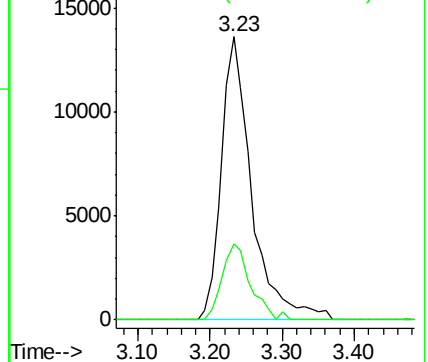
43 100

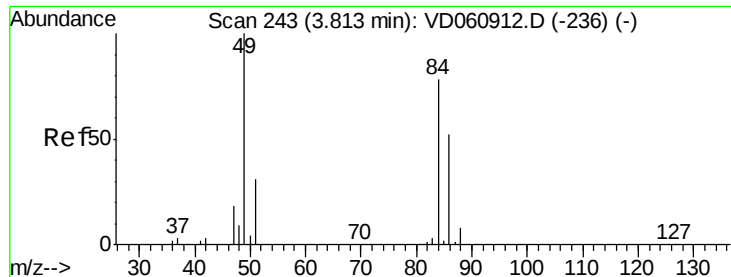
58 26.9 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

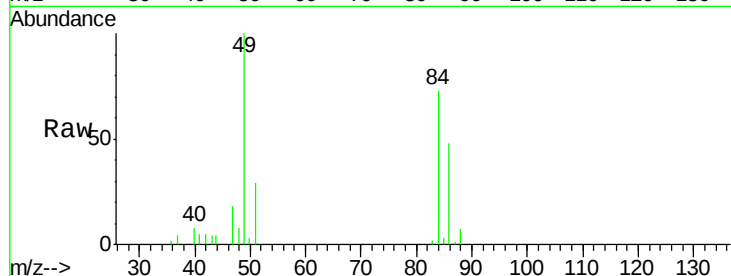




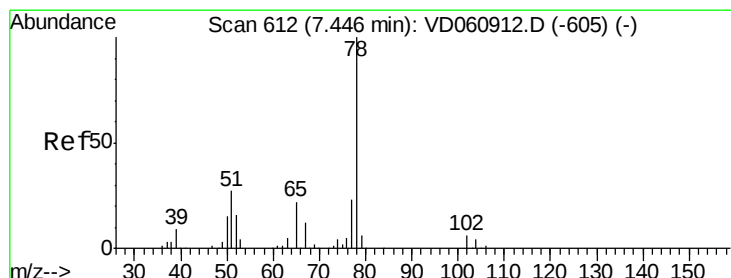
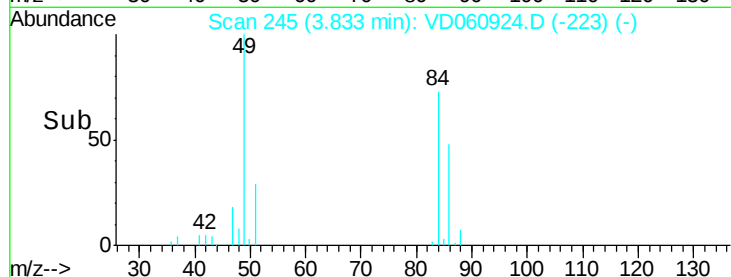
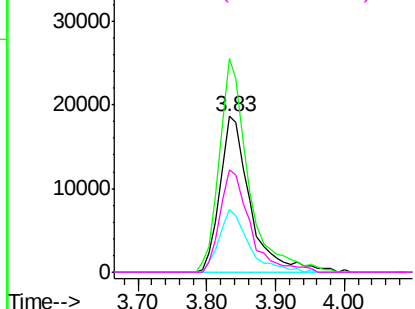
#20
Methylene Chloride
Concen: 4.382 ug/l
RT: 3.83 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD060924.D
Acq: 4 Mar 2019 15:32

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-031-A

Tot Ion:	84	Resp:	56846
Ion	Ratio	Lower	Upper
84	100		
49	136.9	102.4	153.6
51	40.2	31.9	47.9
86	65.4	53.1	79.7

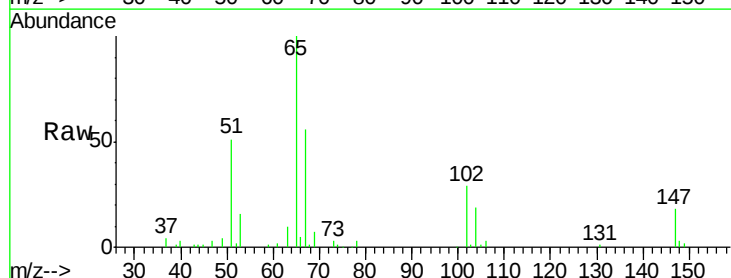


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

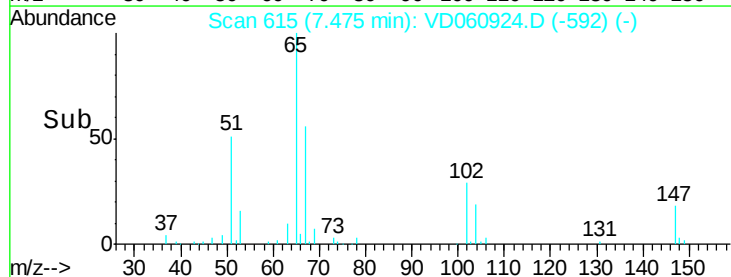
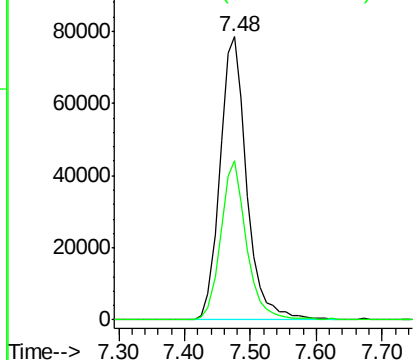


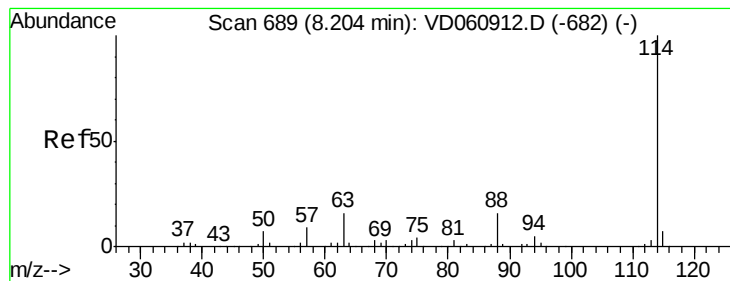
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.03 min
Lab File: VD060924.D
Acq: 4 Mar 2019 15:32

Tgt Ion:	65	Resp:	221229
Ion	Ratio	Lower	Upper
65	100		
67	56.5	0.0	109.4



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: 8.23 min Scan# 692

Delta R.T. 0.03 min

Lab File: VD060924.D

Acq: 4 Mar 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-031-A

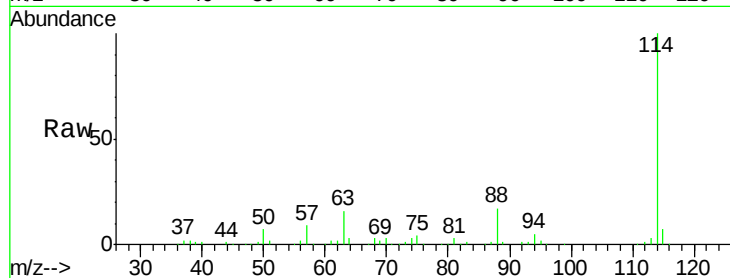
Tot Ion:114 Resp: 1025523

Ion Ratio Lower Upper

114 100

63 15.6 0.0 32.0

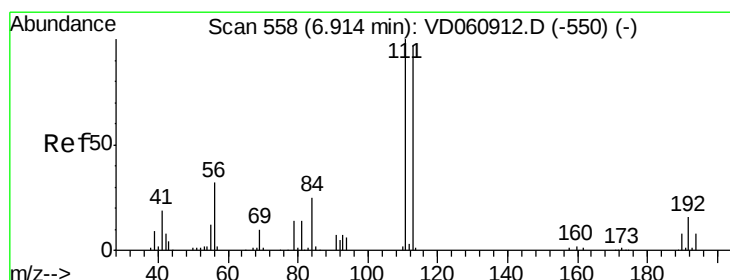
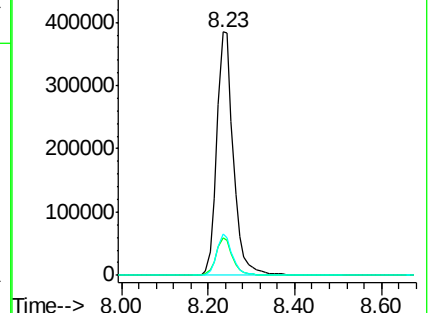
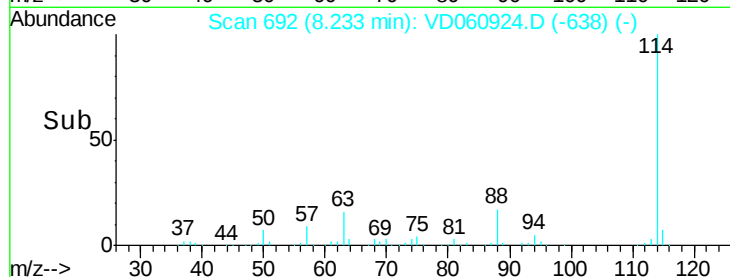
88 16.8 0.0 32.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD060924.D

Acq: 4 Mar 2019 15:32

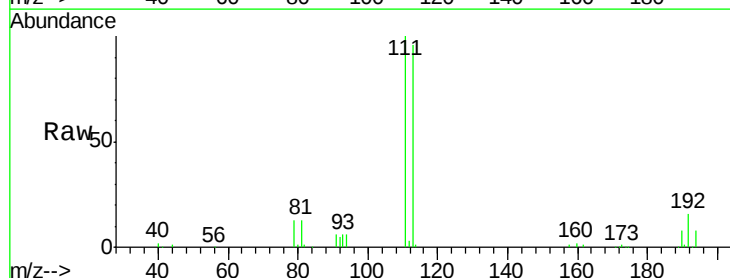
Tgt Ion:113 Resp: 342952

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

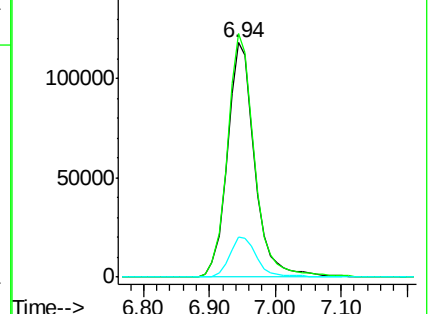
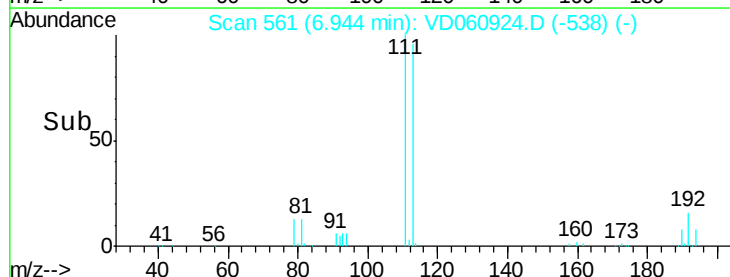
192 16.9 13.4 20.2

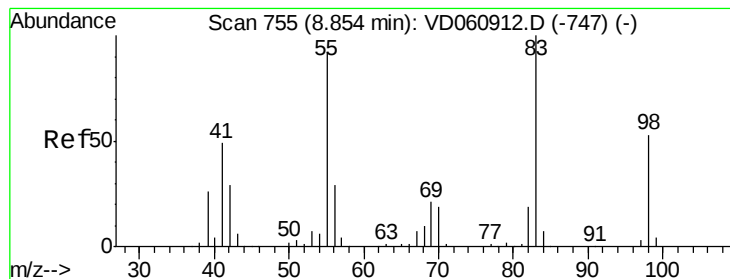


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#39

Methvlcvclohexane

Concen: 1.538 ug/l

RT: 8.88 min Scan# 758

Delta R.T. 0.03 min

Lab File: VD060924.D

Acq: 4 Mar 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-031-A

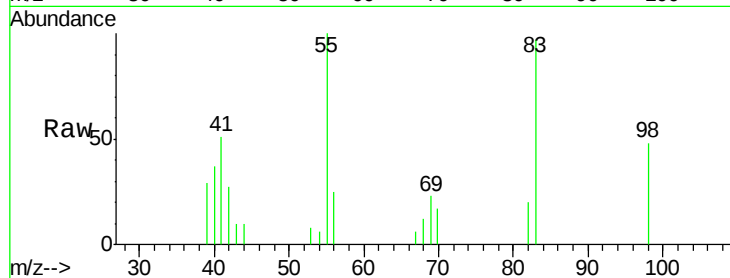
Tot Ion: 83 Resp: 15855

Ion Ratio Lower Upper

83 100

55 103.4 73.8 110.8

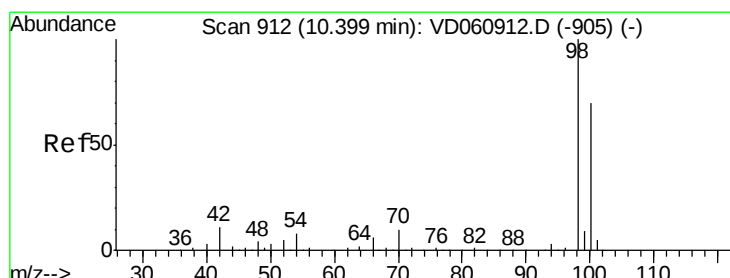
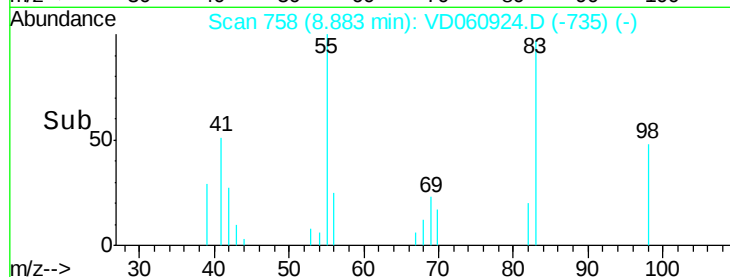
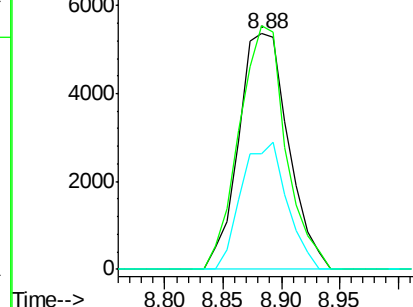
98 49.1 42.4 63.6



Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD060924.D

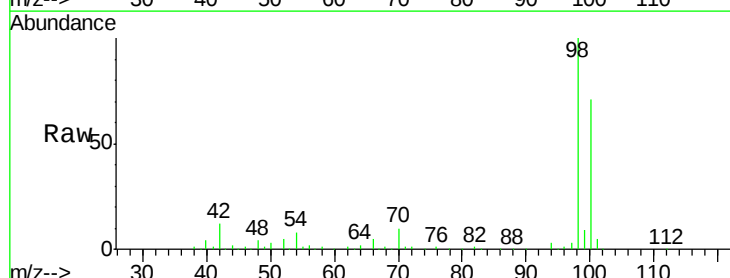
Acq: 4 Mar 2019 15:32

Tgt Ion: 98 Resp: 722408

Ion Ratio Lower Upper

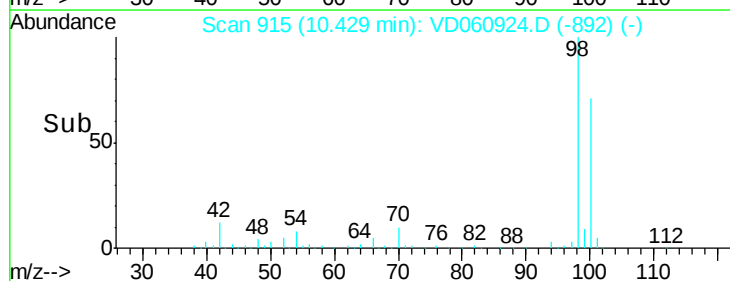
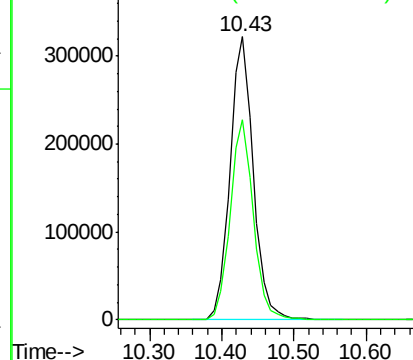
98 100

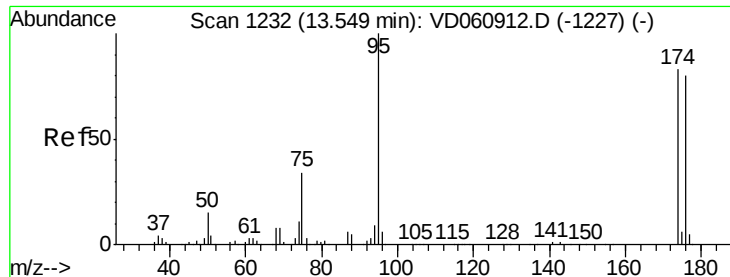
100 70.5 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD060924.D

Acq: 4 Mar 2019 15:32

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-031-A

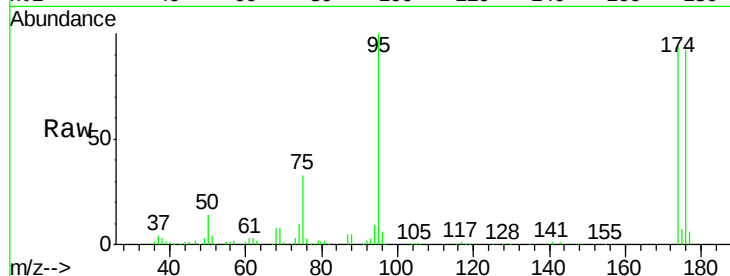
Tot Ion: 95 Resp: 278156

Ion Ratio Lower Upper

95 100

174 93.7 0.0 165.6

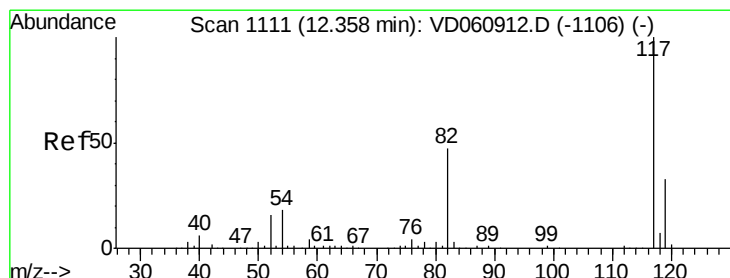
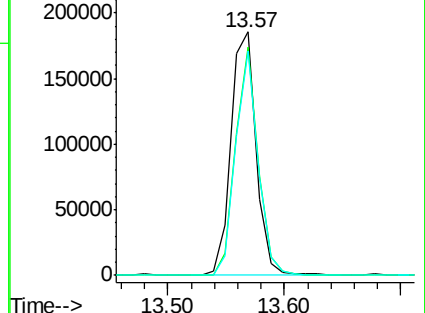
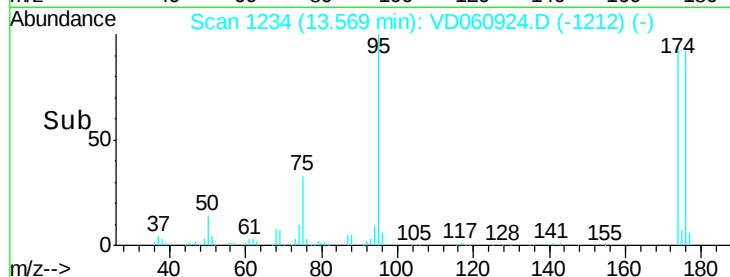
176 92.3 0.0 160.6



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. 0.02 min

Lab File: VD060924.D

Acq: 4 Mar 2019 15:32

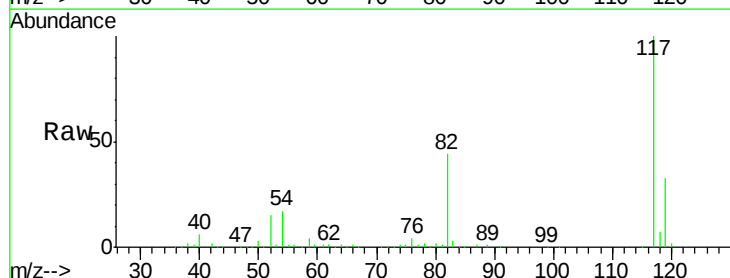
Tgt Ion: 117 Resp: 791366

Ion Ratio Lower Upper

117 100

82 44.4 37.5 56.3

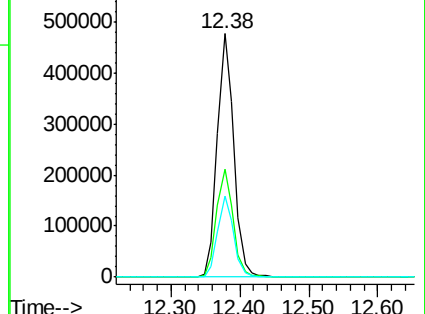
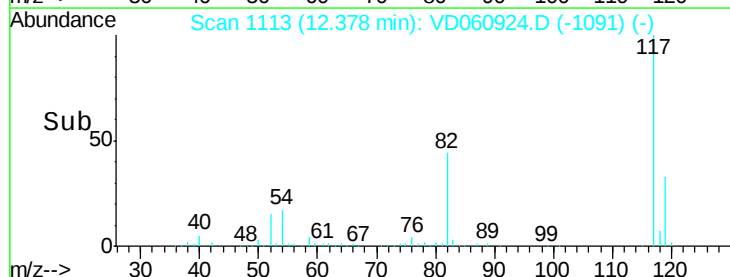
119 33.1 26.2 39.2

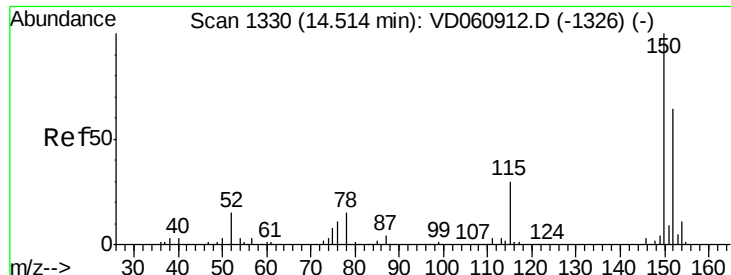


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

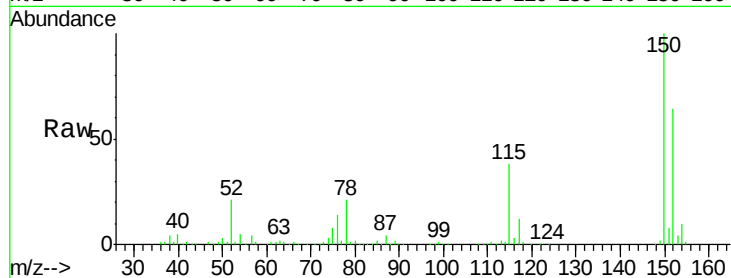




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD060924.D
 Acq: 4 Mar 2019 15:32

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-031-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.0	27.6	82.8
150	156.4	0.0	312.8



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

