

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062914.D
 Acq On : 26 Jun 2019 13:43
 Operator : VA/AP
 Sample : K3531-02
 Misc : 6.70g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-043-A

Quant Time: Jun 27 09:19:11 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

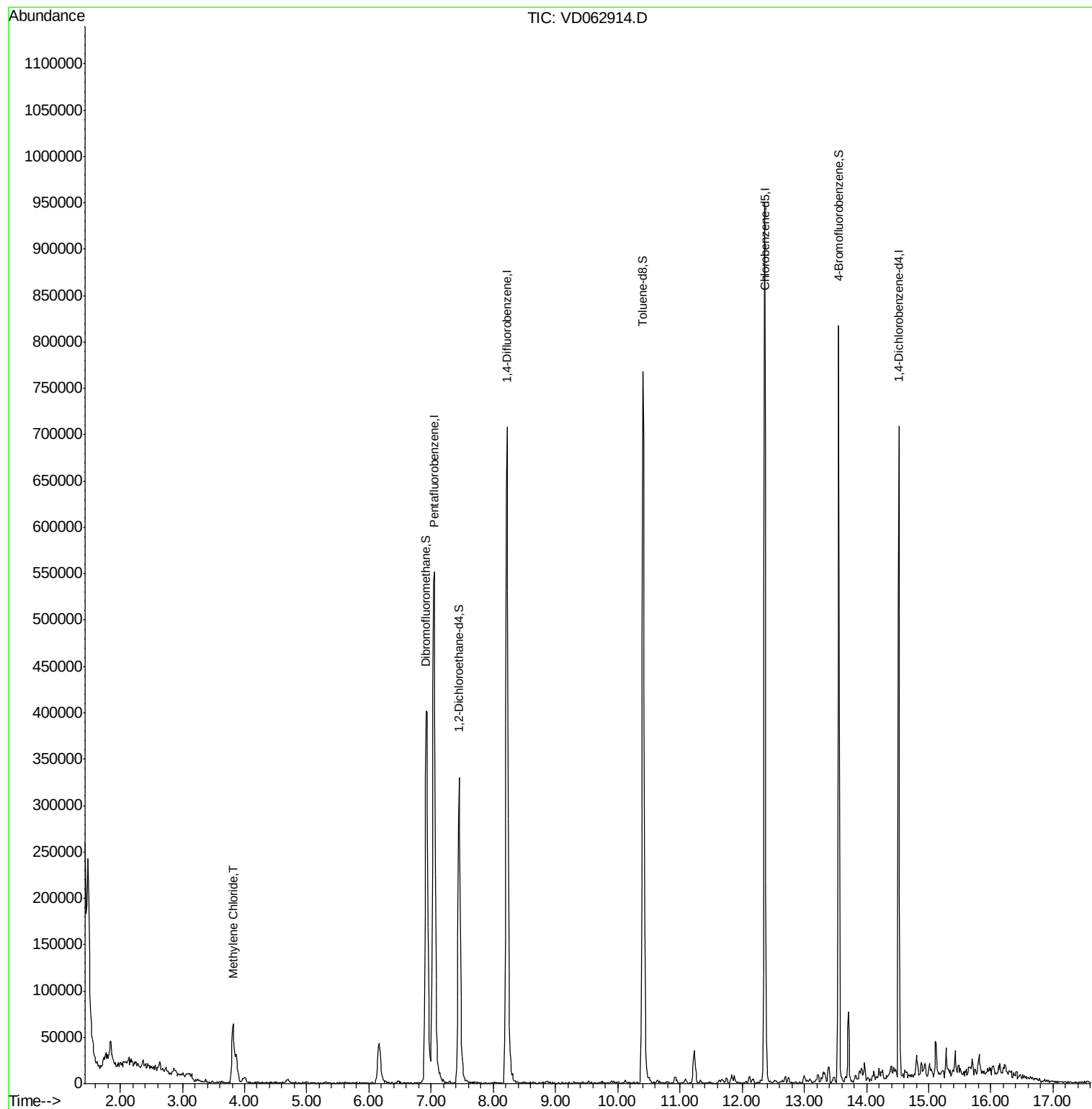
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	545667	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	766761	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	490034	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	148919	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	384285	64.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	129.58%	
35) Dibromofluoromethane	6.92	113	374112	57.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	115.72%	
50) Toluene-d8	10.40	98	610675	43.40	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	86.80%	
62) 4-Bromofluorobenzene	13.55	95	218103	34.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.18%	
Target Compounds						
20) Methylene Chloride	3.82	84	41209	9.110	ug/l	Qvalue 93

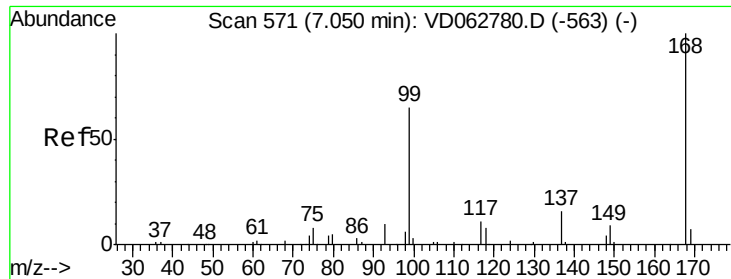
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062914.D

Acq: 26 Jun 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

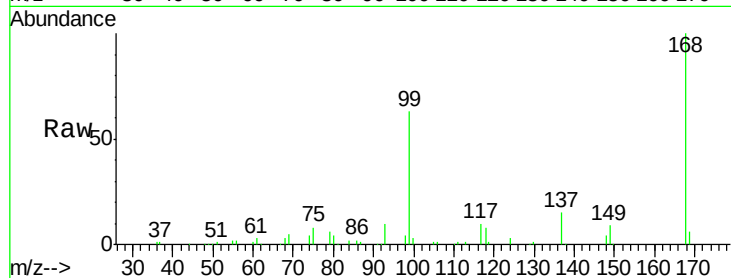
FK-GF-02-043-A

Tot Ion:168 Resp: 545667

Ion Ratio Lower Upper

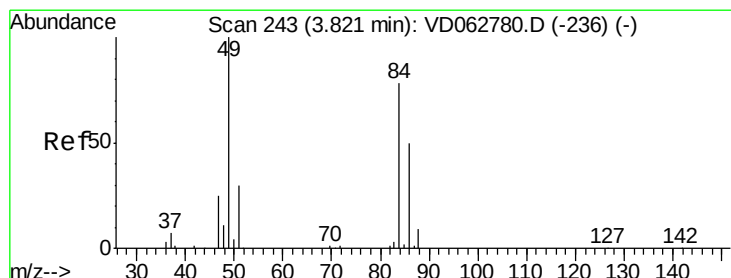
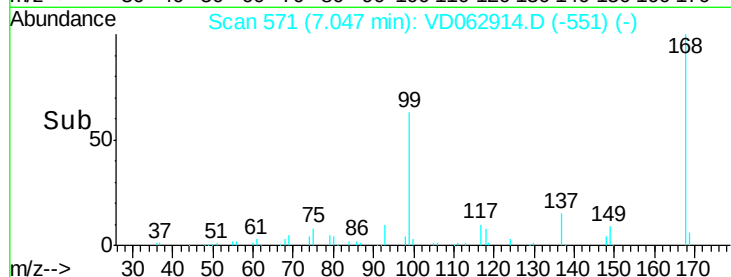
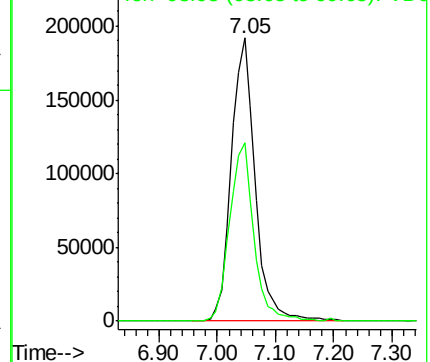
168 100

99 63.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 9.110 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD062914.D

Acq: 26 Jun 2019 13:43

Tgt Ion: 84 Resp: 41209

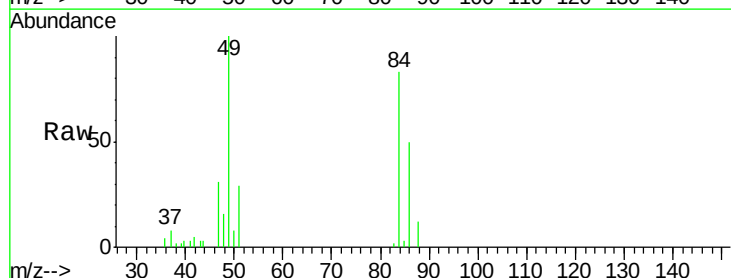
Ion Ratio Lower Upper

84 100

49 120.3 102.9 154.3

51 35.0 31.2 46.8

86 59.9 51.4 77.2

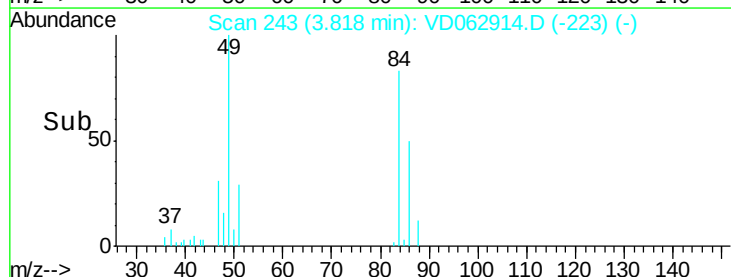
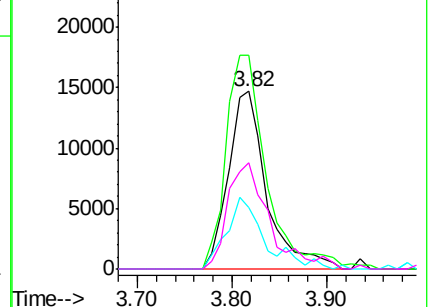


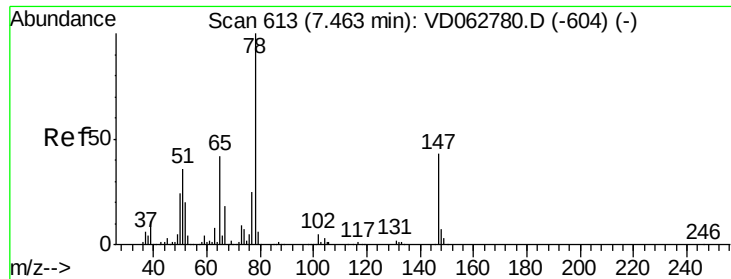
Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 64.789 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062914.D

Acq: 26 Jun 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

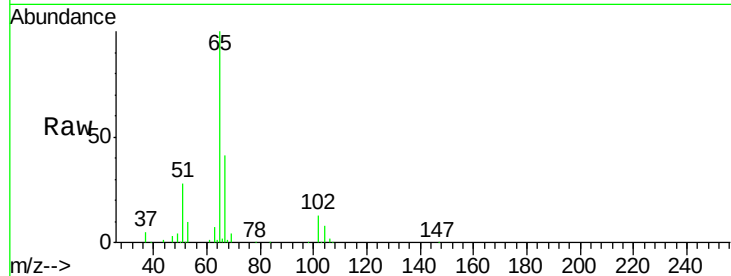
FK-GF-02-043-A

Tot Ion: 65 Resp: 384285

Ion Ratio Lower Upper

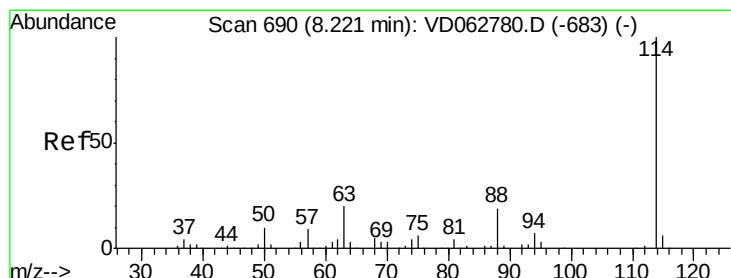
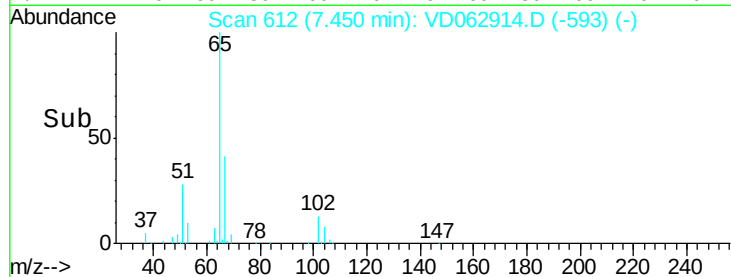
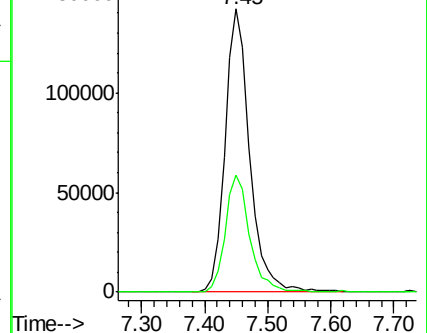
65 100

67 41.3 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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062914.D

Acq: 26 Jun 2019 13:43

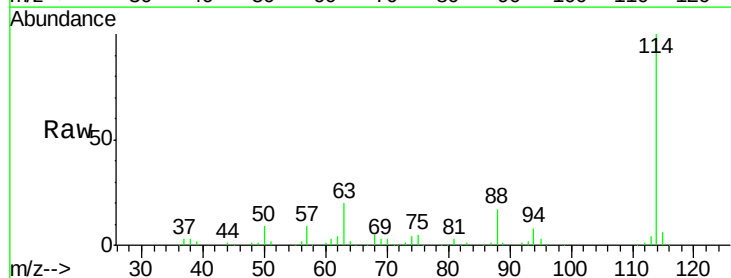
Tgt Ion: 114 Resp: 766761

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.0

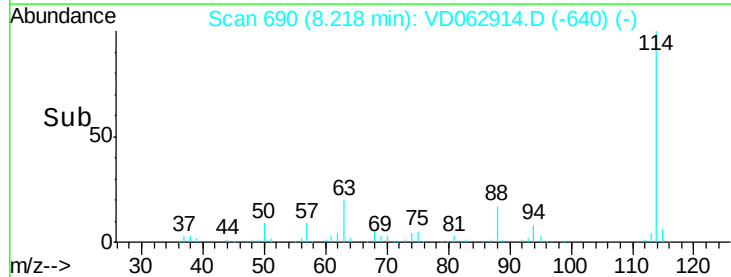
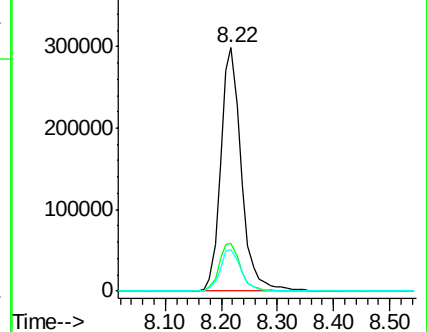
88 16.9 0.0 38.8

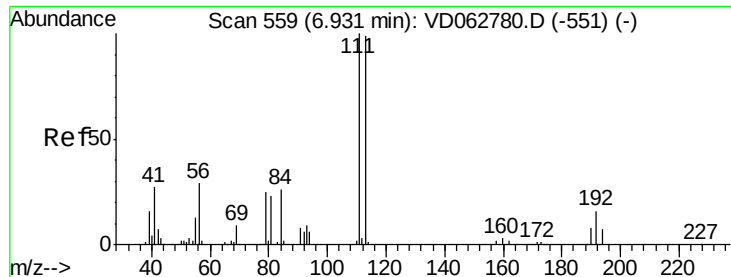


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

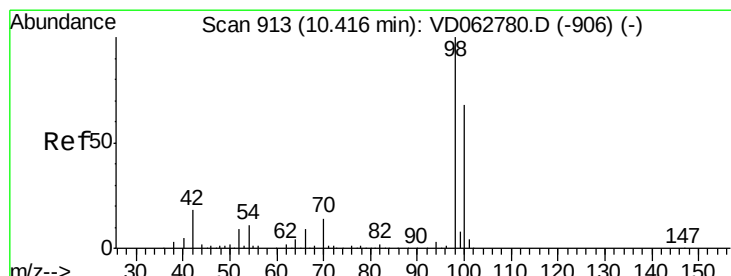
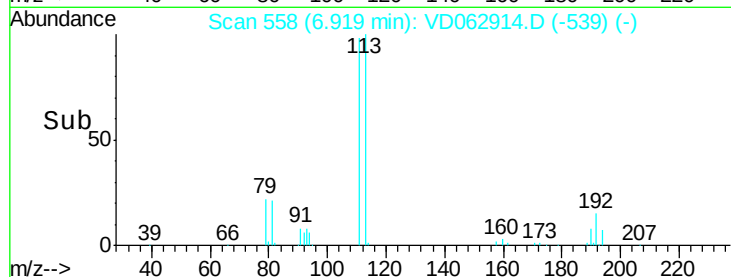
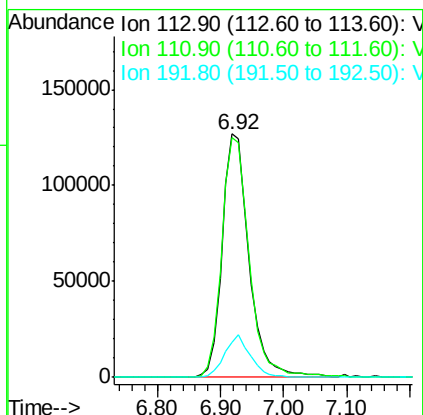
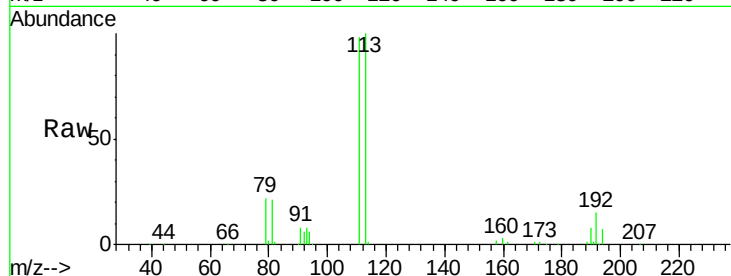




#35
Dibromofluoromethane
Concen: 57.865 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD062914.D
Acq: 26 Jun 2019 13:43

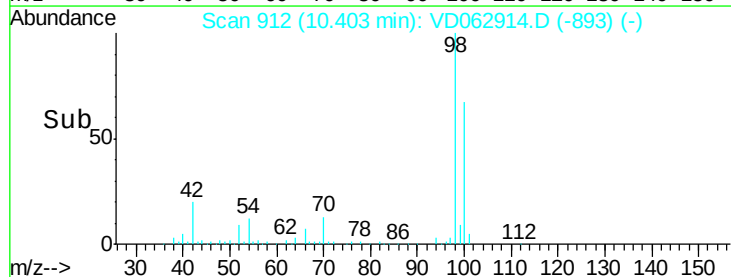
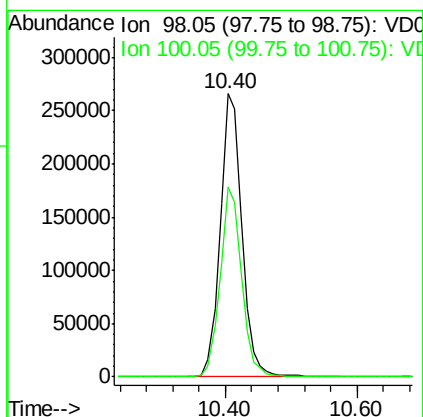
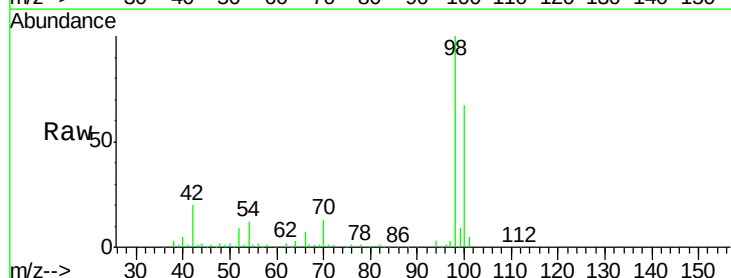
Instrument :
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FK-GF-02-043-A

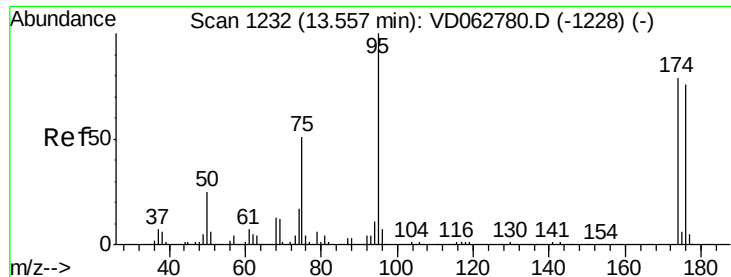
Tot Ion:113 Resp: 374112
Ion Ratio Lower Upper
113 100
111 98.5 81.2 121.8
192 14.5 12.9 19.3



#50
Toluene-d8
Concen: 43.398 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062914.D
Acq: 26 Jun 2019 13:43

Tgt Ion: 98 Resp: 610675
Ion Ratio Lower Upper
98 100
100 67.3 54.7 82.1





#62

4-Bromofluorobenzene

Concen: 34.087 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062914.D

Acq: 26 Jun 2019 13:43

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-043-A

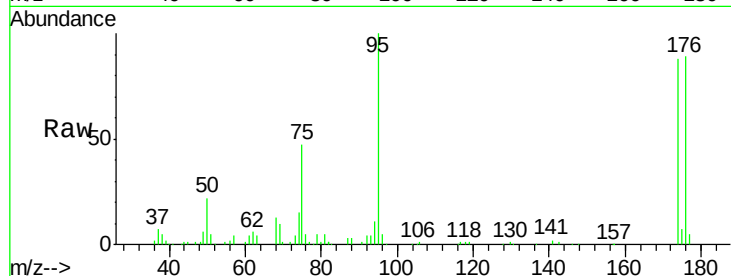
Tot Ion: 95 Resp: 218103

Ion Ratio Lower Upper

95 100

174 87.9 0.0 158.0

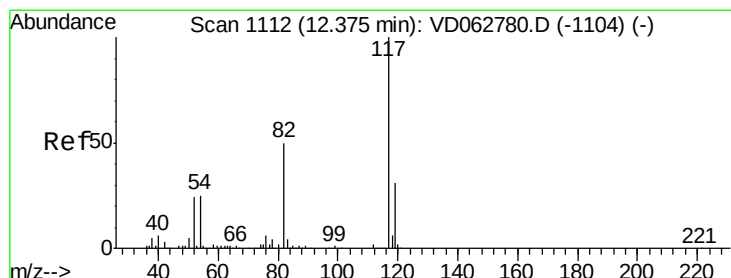
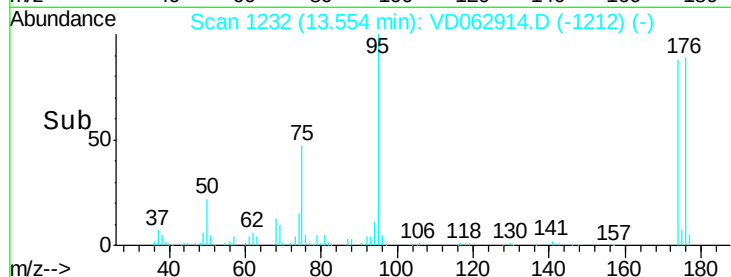
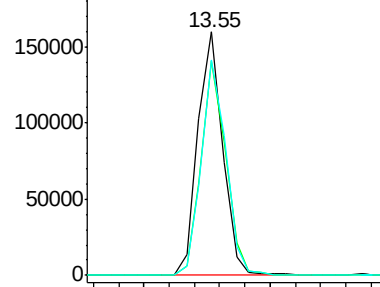
176 88.7 0.0 151.6



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: 12.36 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VD062914.D

Acq: 26 Jun 2019 13:43

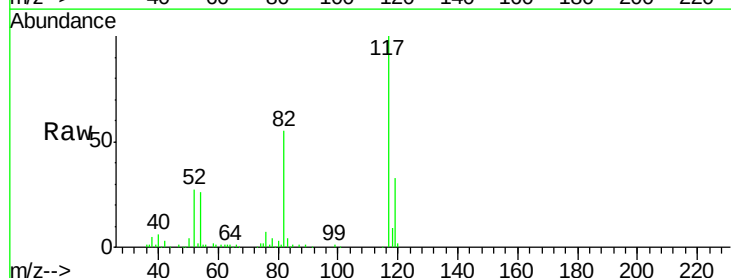
Tgt Ion: 117 Resp: 490034

Ion Ratio Lower Upper

117 100

82 55.3 40.4 60.6

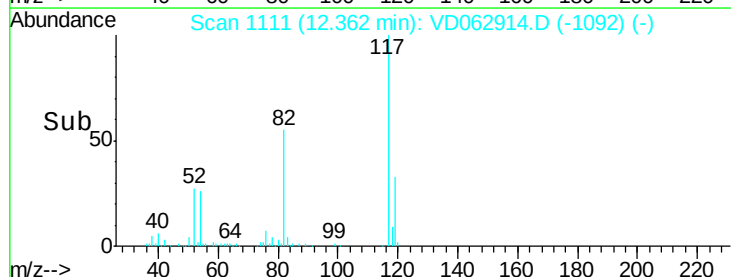
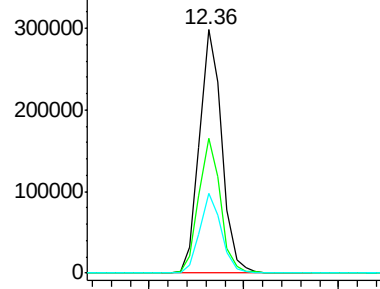
119 32.7 25.2 37.8

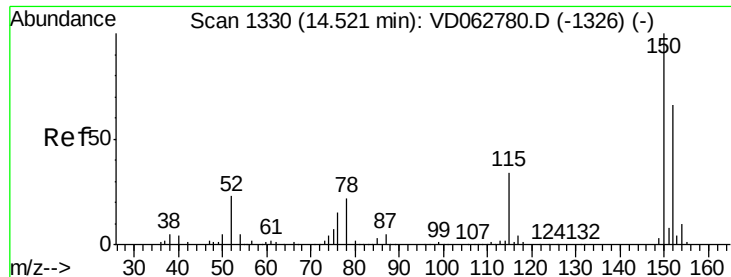


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VD062914.D
 Acq: 26 Jun 2019 13:43

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-043-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	29.2	87.6
150	161.0	0.0	305.8

