

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061461.D
 Acq On : 31 Mar 2019 21:51
 Operator : VA/AP
 Sample : K2132-04RE
 Misc : 9.64g/5ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-036-BRE

Quant Time: Apr 01 07:00:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

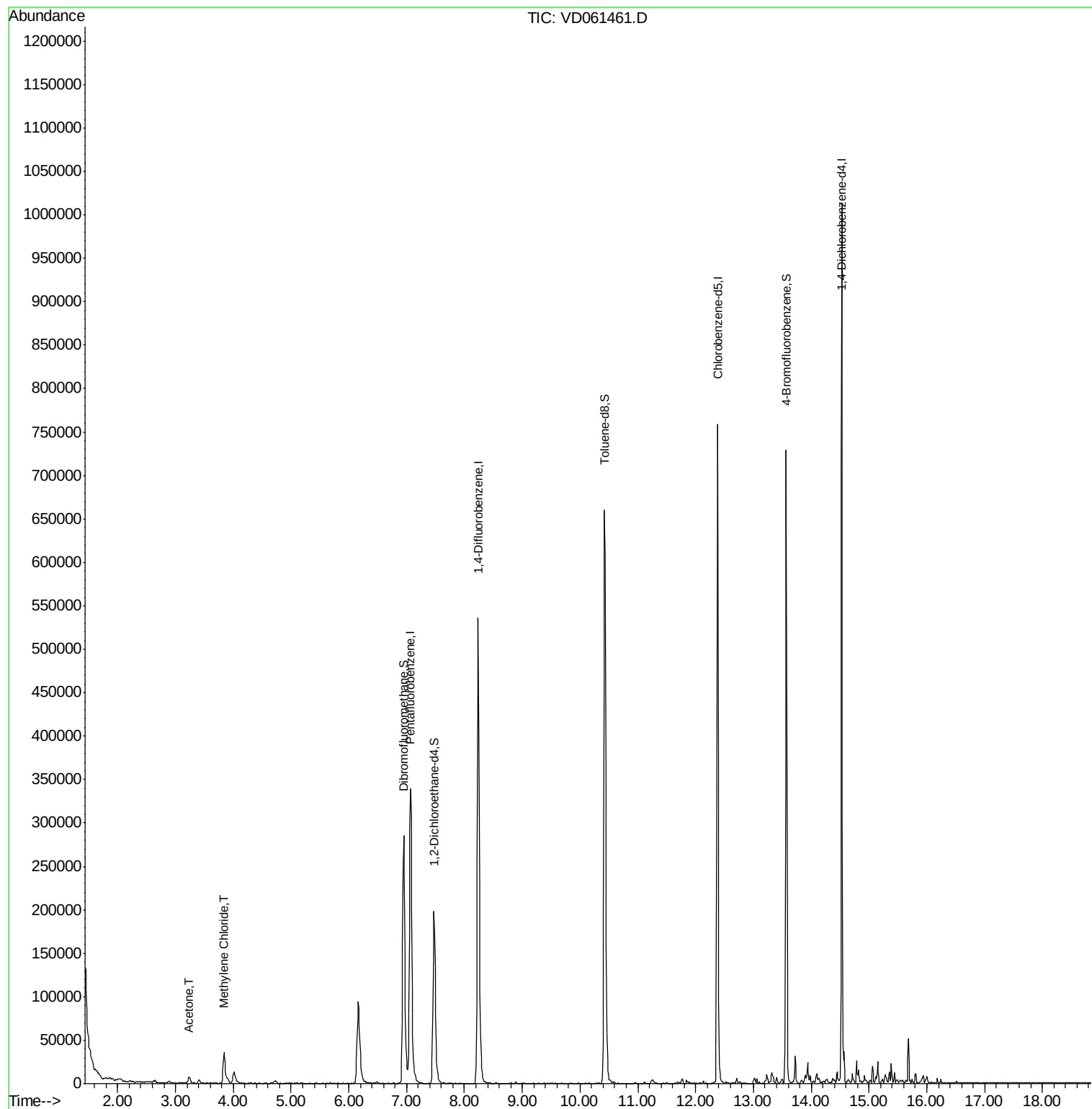
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	357587	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	637465	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	509927	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	229154	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	201550	65.98	ug/l	0.04
Spiked Amount 50.000			Recovery	=	131.96%	
35) Dibromofluoromethane	6.95	113	276053	56.67	ug/l	0.05
Spiked Amount 50.000			Recovery	=	113.34%	
50) Toluene-d8	10.42	98	599805	51.34	ug/l	0.04
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	13.56	95	222722	49.71	ug/l	0.02
Spiked Amount 50.000			Recovery	=	99.42%	
Target Compounds						
16) Acetone	3.24	43	15964	20.330	ug/l	98
20) Methylene Chloride	3.84	84	27541	4.514	ug/l	97

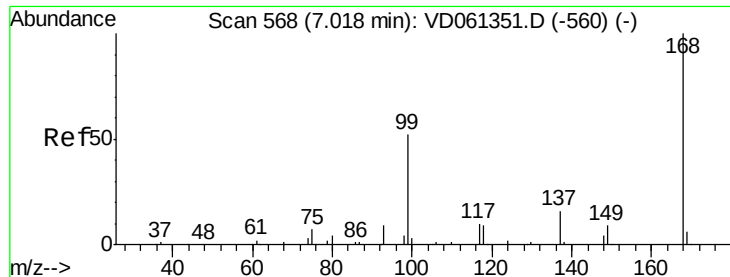
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

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ClientSampleId :

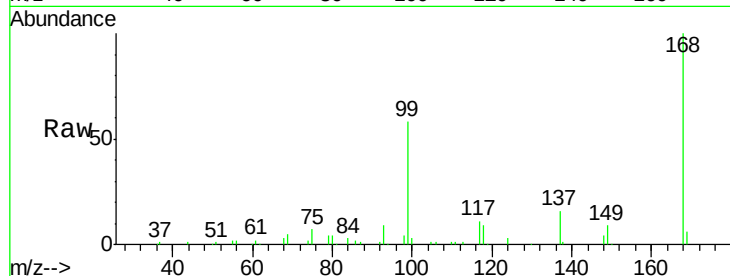
FK-GF-02-036-BRE

Tgt Ion:168 Resp: 357587

Ion Ratio Lower Upper

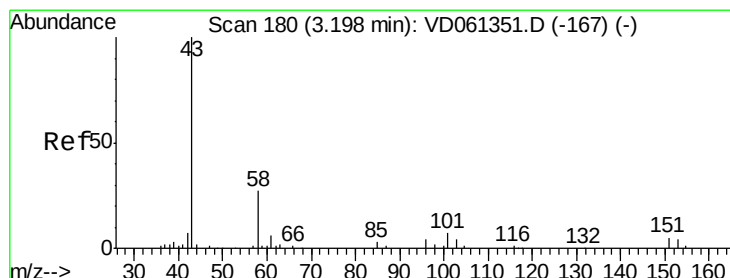
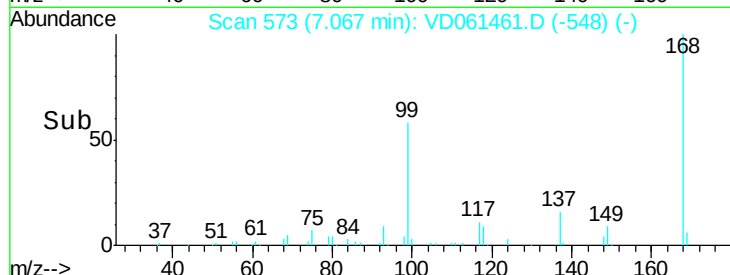
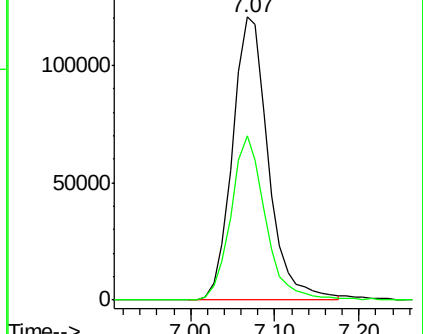
168 100

99 57.9 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 20.330 ug/l

RT: 3.24 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD061461.D

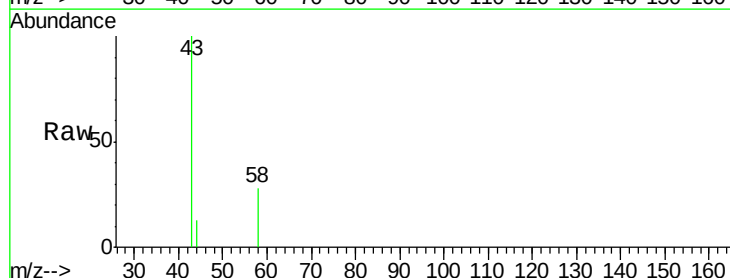
Acq: 31 Mar 2019 21:51

Tgt Ion: 43 Resp: 15964

Ion Ratio Lower Upper

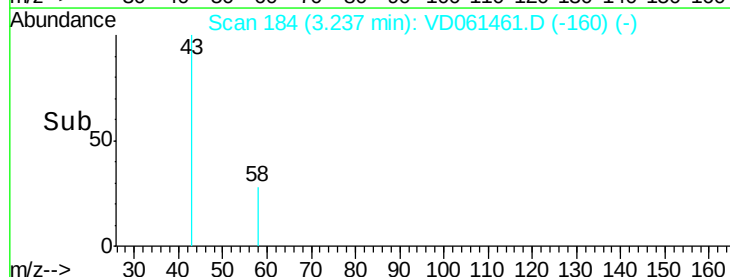
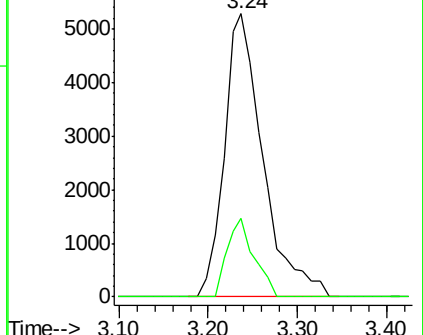
43 100

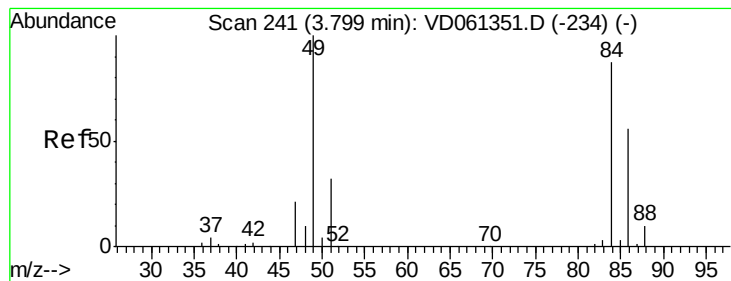
58 27.9 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 4.514 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061461.D

Acq: 31 Mar 2019 21:51

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-036-BRE

Tgt Ion: 84 Resp: 27541

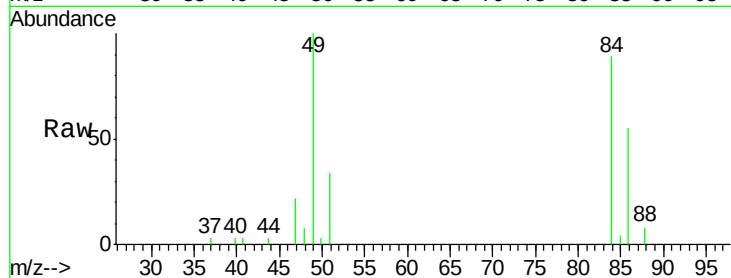
Ion Ratio Lower Upper

84 100

49 112.3 91.8 137.8

51 38.6 29.8 44.8

86 61.6 51.8 77.6

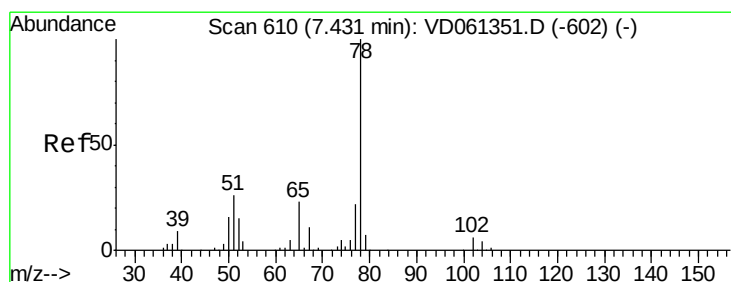
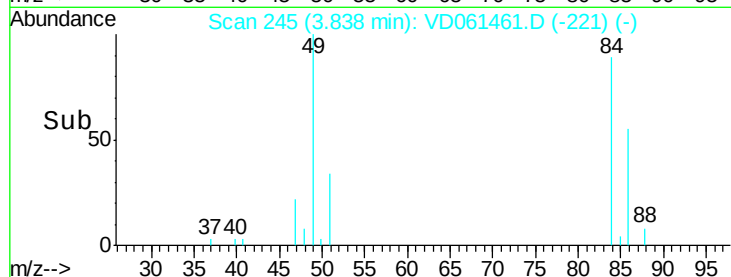
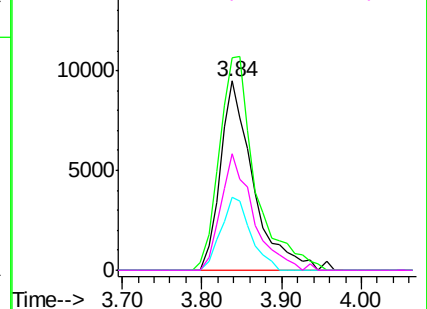


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD061461.D

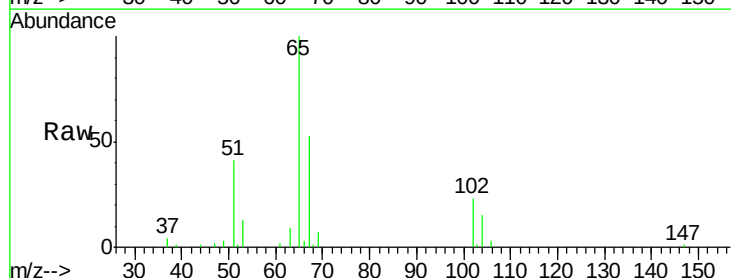
Acq: 31 Mar 2019 21:51

Tgt Ion: 65 Resp: 201550

Ion Ratio Lower Upper

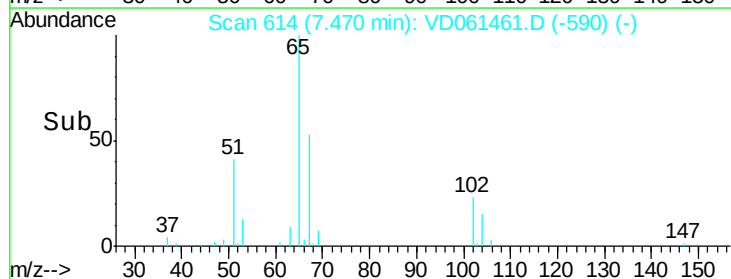
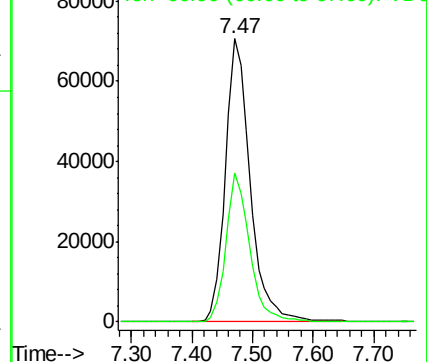
65 100

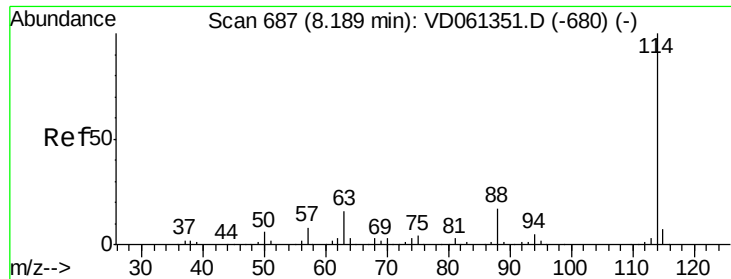
67 52.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

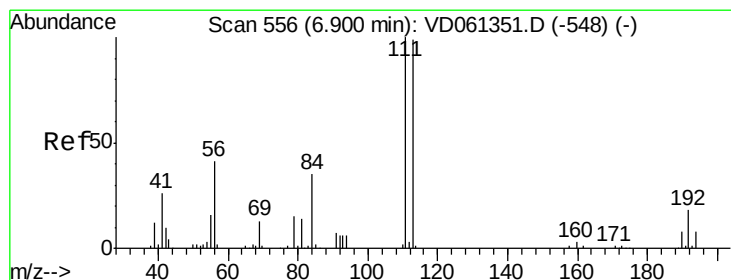
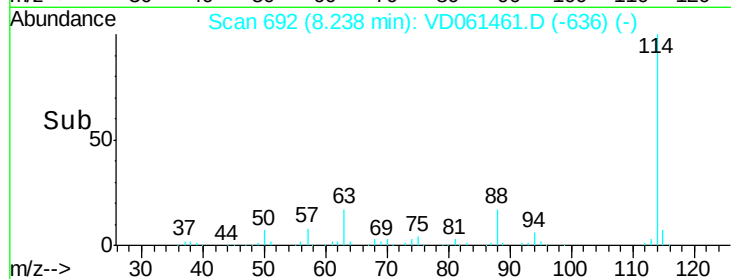
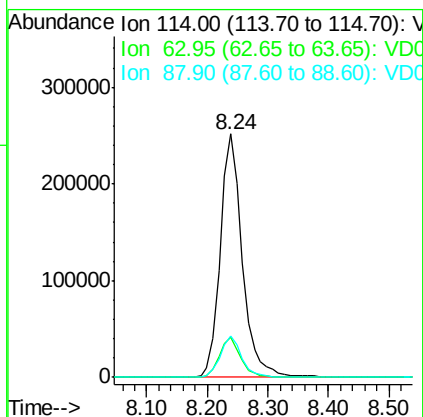
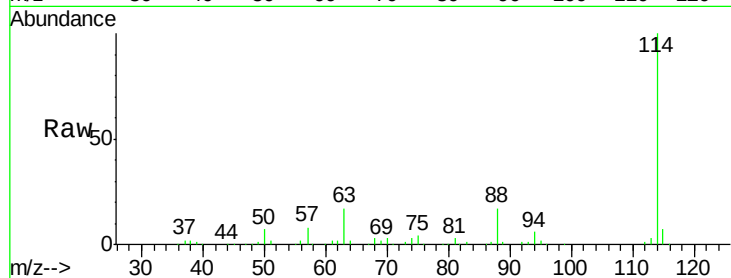




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.05 min
 Lab File: VD061461.D
 Acq: 31 Mar 2019 21:51

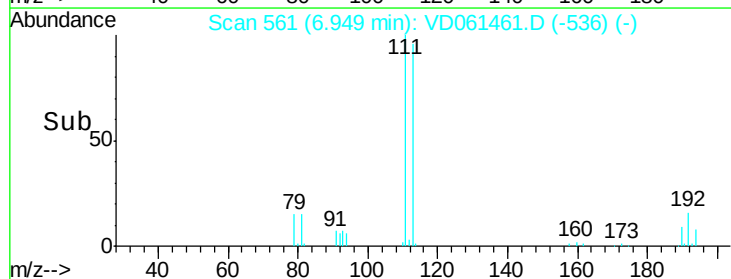
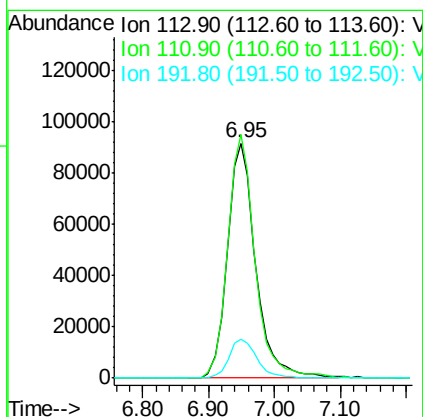
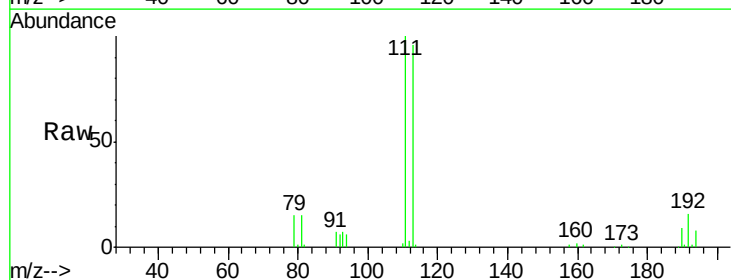
Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-036-BRE

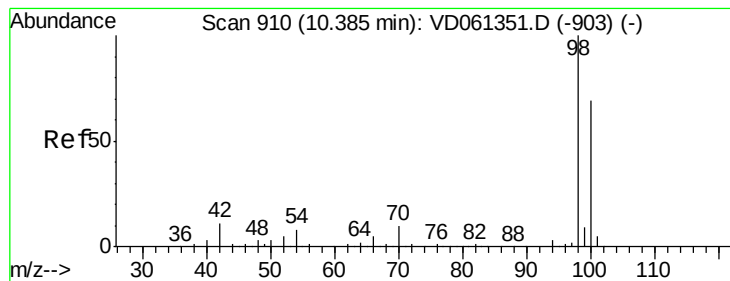
Tgt Ion:114 Resp: 637465
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.6
 88 16.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.95 min Scan# 561
 Delta R.T. 0.05 min
 Lab File: VD061461.D
 Acq: 31 Mar 2019 21:51

Tgt Ion:113 Resp: 276053
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.0 121.6
 192 16.6 14.4 21.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.04 min

Lab File: VD061461.D

Acq: 31 Mar 2019 21:51

Instrument :

MSVOA_D

ClientSampleId :

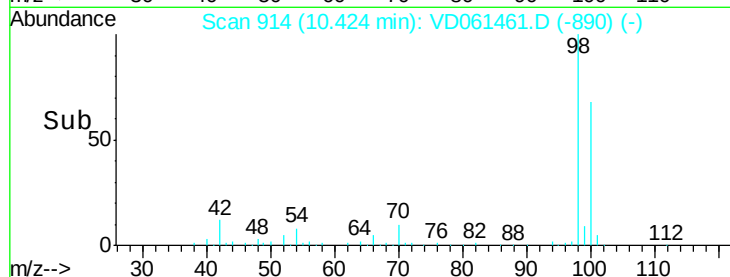
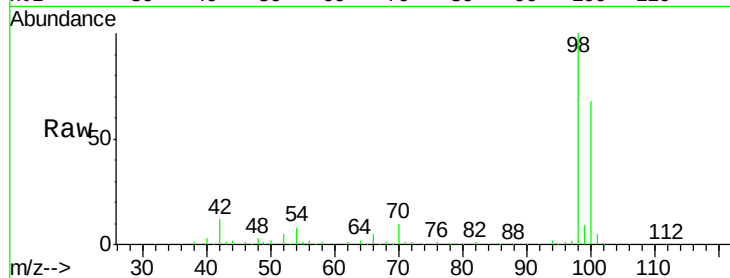
FK-GF-02-036-BRE

Tgt Ion: 98 Resp: 599805

Ion Ratio Lower Upper

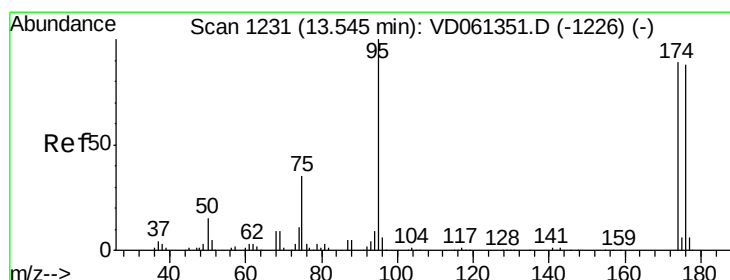
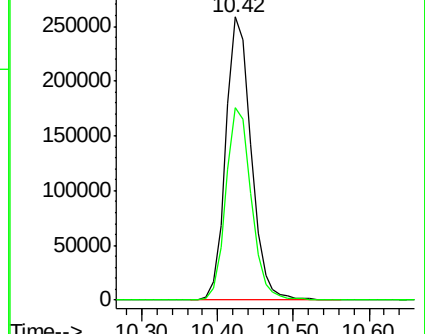
98 100

100 67.8 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061461.D (-890) (-)

Ion 100.05 (99.75 to 100.75): VD061461.D (-890) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD061461.D

Acq: 31 Mar 2019 21:51

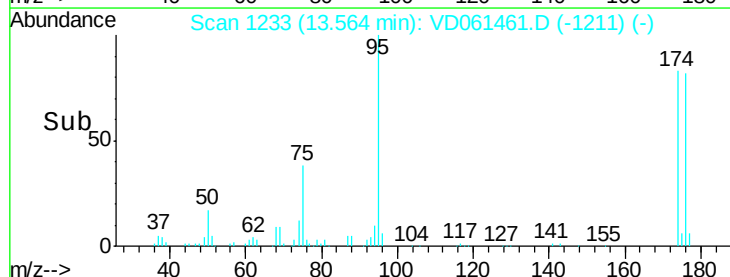
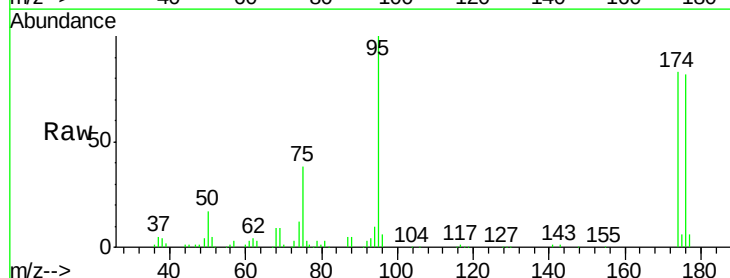
Tgt Ion: 95 Resp: 222722

Ion Ratio Lower Upper

95 100

174 82.7 0.0 178.0

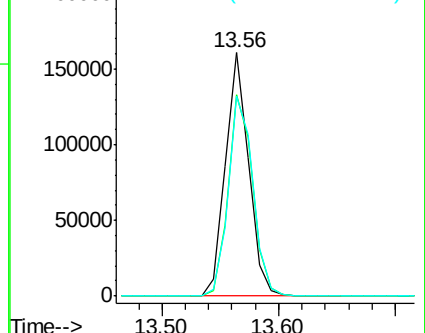
176 82.2 0.0 175.0

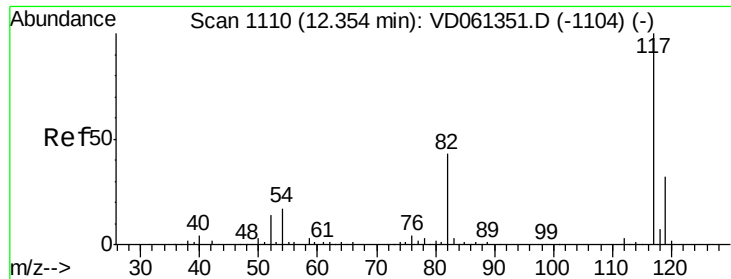


Abundance Ion 95.00 (94.70 to 95.70): VD061461.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD061461.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD061461.D (-1211) (-)

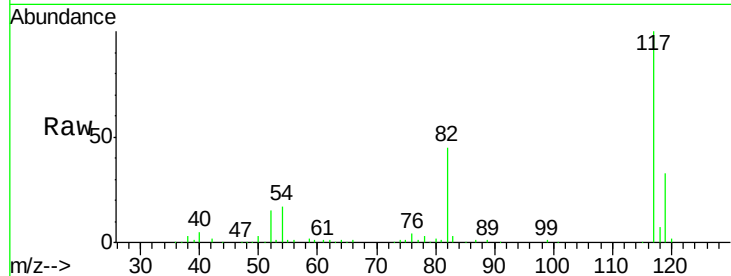




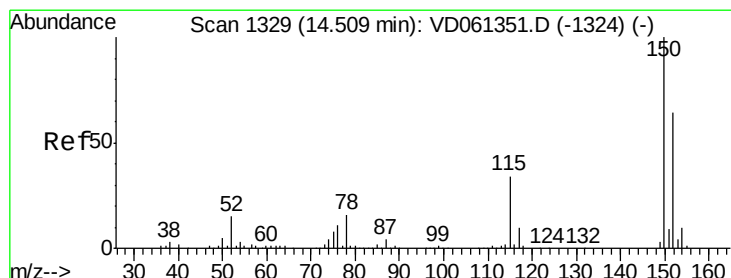
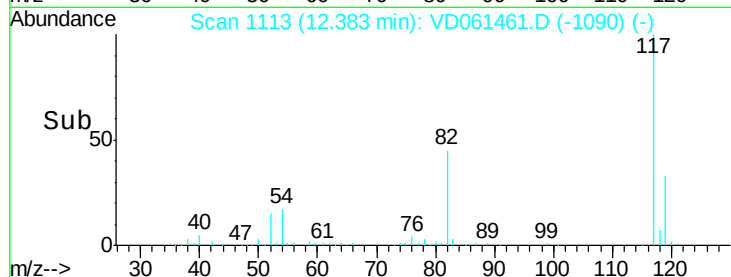
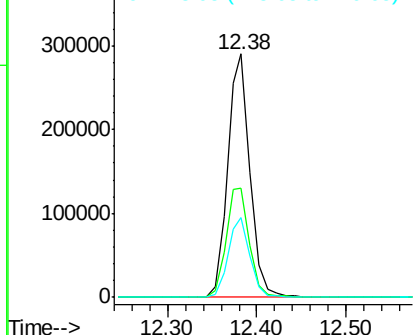
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.03 min
Lab File: VD061461.D
Acq: 31 Mar 2019 21:51

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-036-BRE

Tgt Ion:117 Resp: 509927
Ion Ratio Lower Upper
117 100
82 45.0 34.4 51.6
119 32.5 25.8 38.6

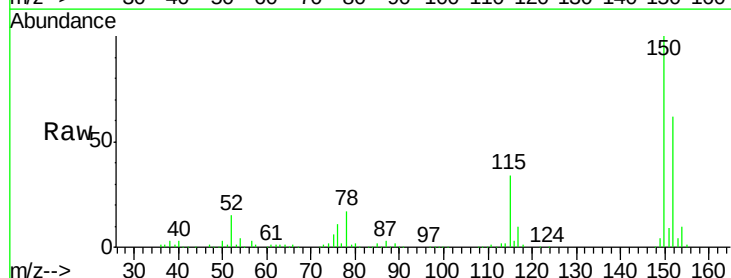


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD061461.D
Acq: 31 Mar 2019 21:51

Tgt Ion:152 Resp: 229154
Ion Ratio Lower Upper
152 100
115 54.0 26.9 80.6
150 160.4 0.0 318.0



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

