

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD033119\
 Data File : VD061460.D
 Acq On : 31 Mar 2019 21:23
 Operator : VA/AP
 Sample : K2132-02
 Misc : 7.27g/5ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Apr 01 08:27:56 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

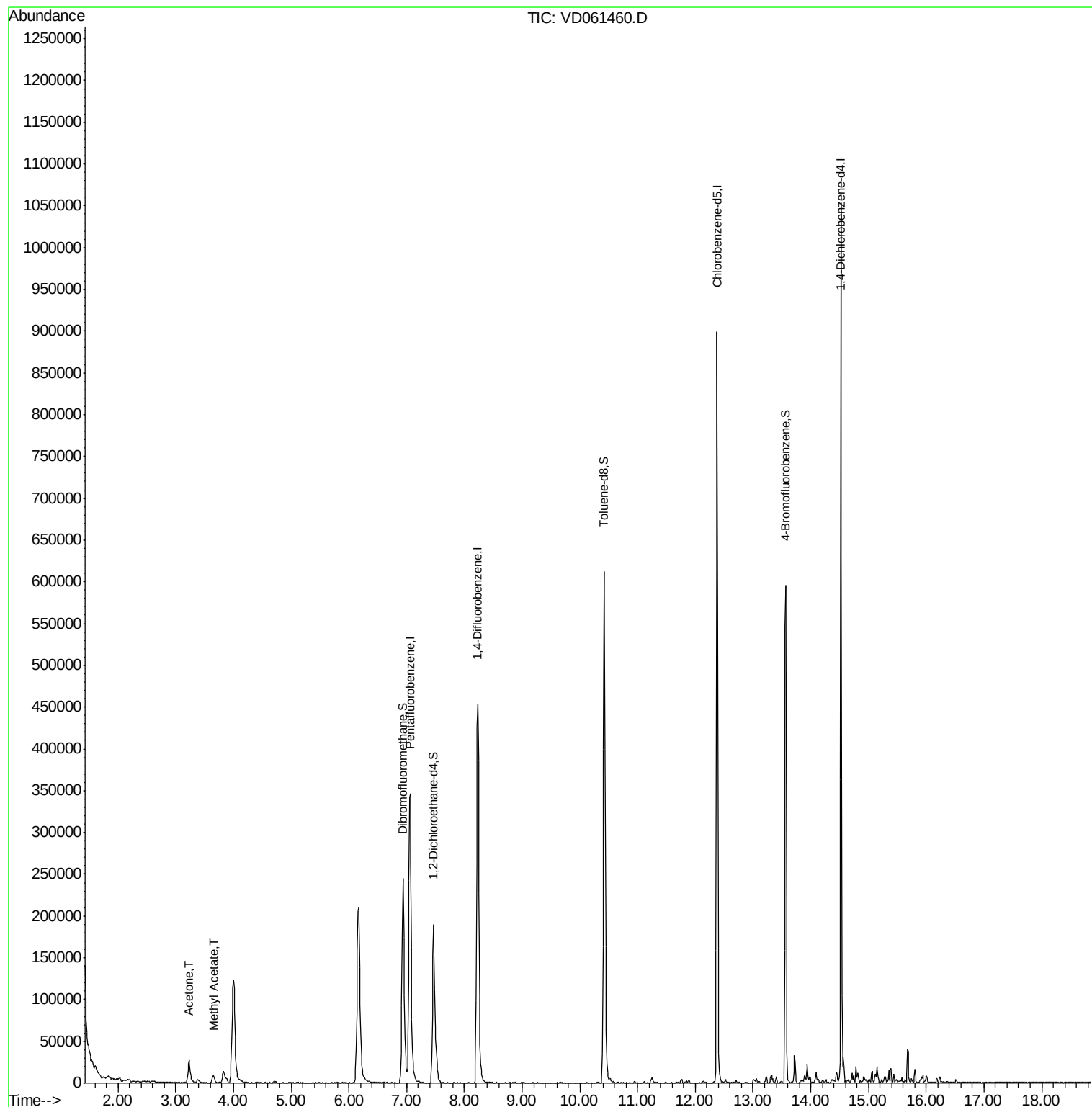
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	367364	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	607256	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	545218	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	231999	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	176857	56.36	ug/l	0.03
Spiked Amount 50.000			Recovery	=	112.72%	
35) Dibromofluoromethane	6.93	113	238398	51.37	ug/l	0.03
Spiked Amount 50.000			Recovery	=	102.74%	
50) Toluene-d8	10.42	98	562516	50.54	ug/l	0.03
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	13.57	95	206100	48.29	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.58%	
Target Compounds						
16) Acetone	3.23	43	54928	68.088	ug/l	99
18) Methyl Acetate	3.66	43	16811	9.911	ug/l	97

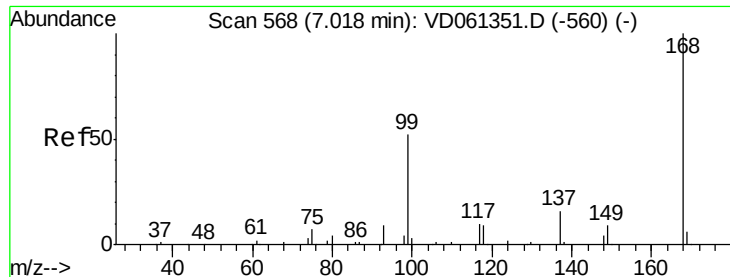
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. 0.04 min

Lab File: VD061460.D

Acq: 31 Mar 2019 21:23

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MSVOA_D

ClientSampleId :

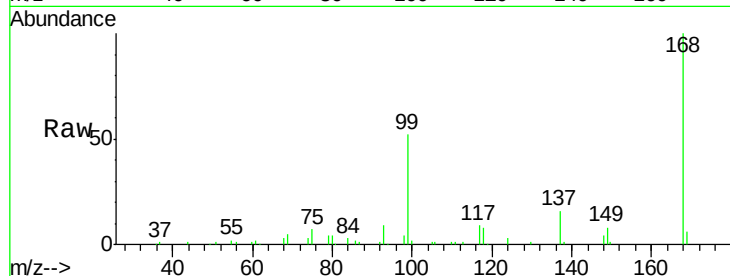
FK-GF-02-036-A

Tgt Ion:168 Resp: 367364

Ion Ratio Lower Upper

168 100

99 52.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

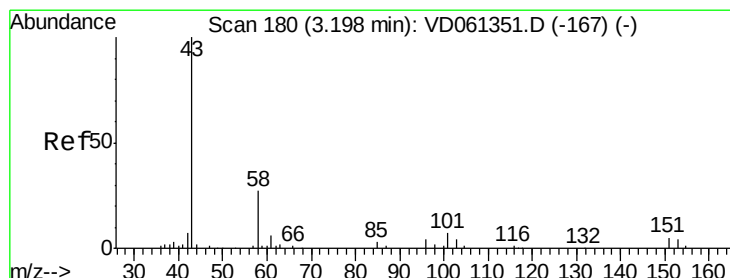
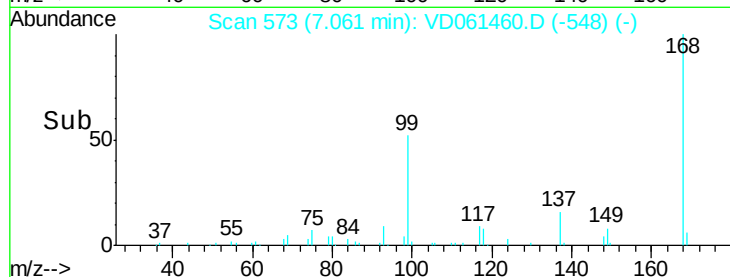
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 68.088 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.03 min

Lab File: VD061460.D

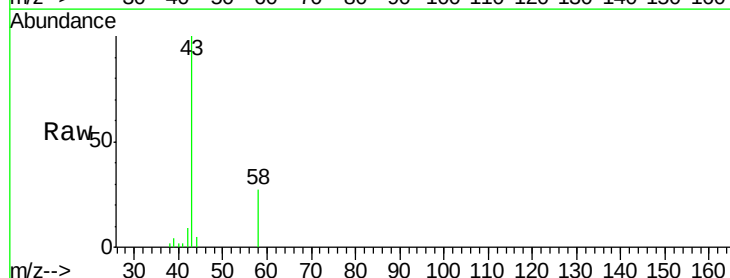
Acq: 31 Mar 2019 21:23

Tgt Ion: 43 Resp: 54928

Ion Ratio Lower Upper

43 100

58 27.3 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

20000

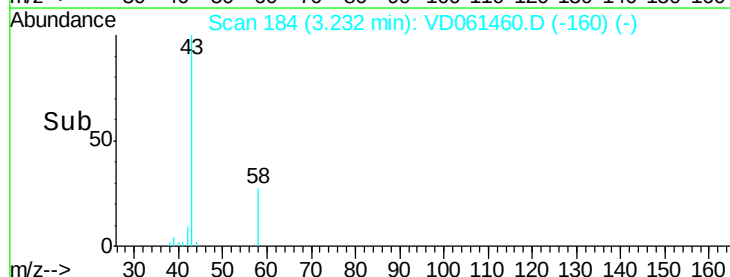
15000

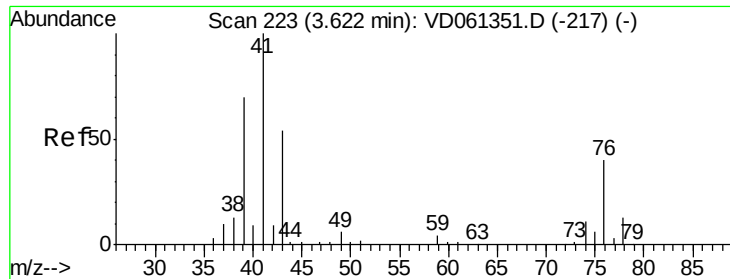
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

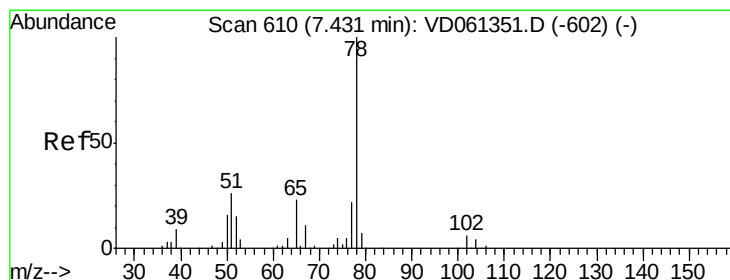
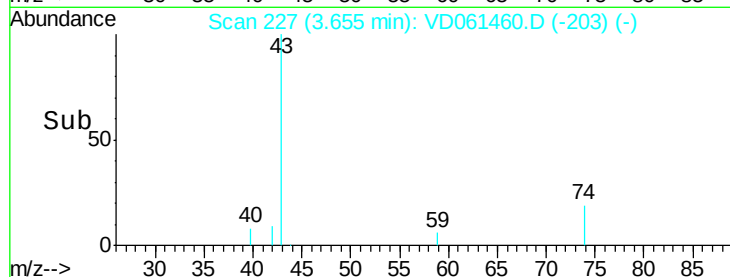
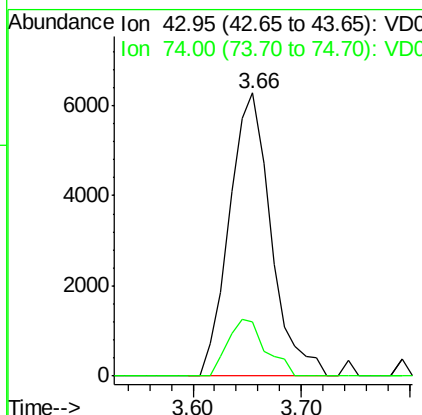
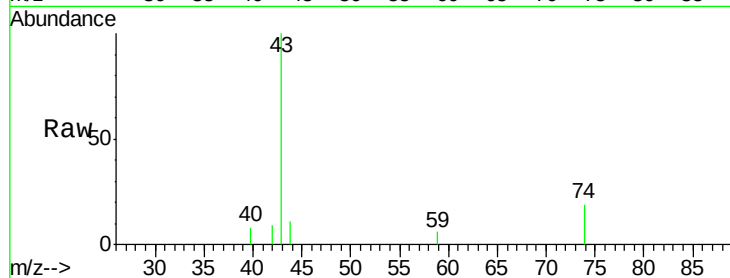




#18
Methyl Acetate
Concen: 9.911 ug/l
RT: 3.66 min Scan# 227
Delta R.T. 0.03 min
Lab File: VD061460.D
Acq: 31 Mar 2019 21:23

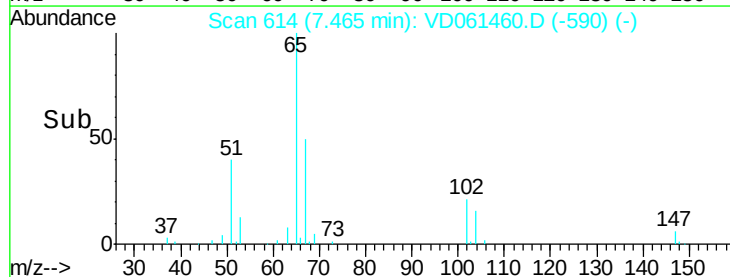
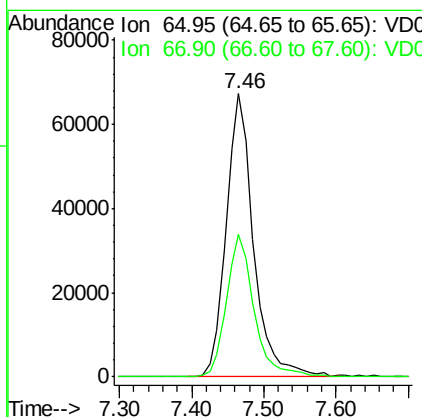
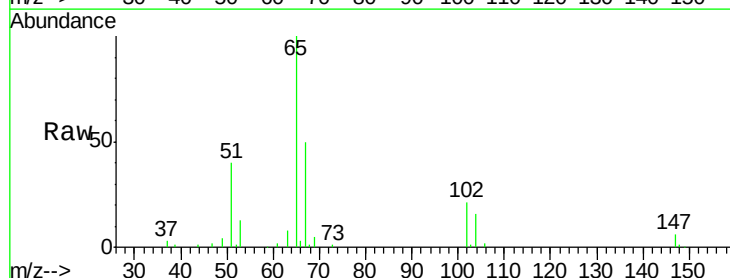
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-036-A

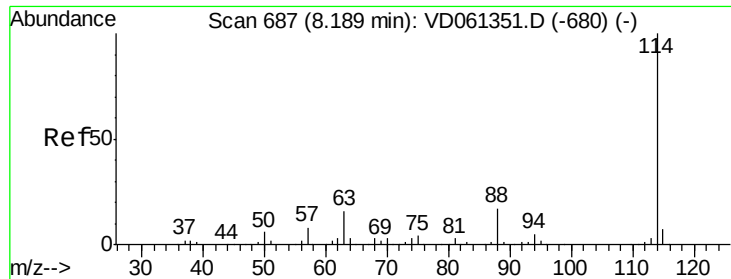
Tgt Ion: 43 Resp: 16811
Ion Ratio Lower Upper
43 100
74 19.4 16.7 25.1



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.03 min
Lab File: VD061460.D
Acq: 31 Mar 2019 21:23

Tgt Ion: 65 Resp: 176857
Ion Ratio Lower Upper
65 100
67 50.4 0.0 99.8

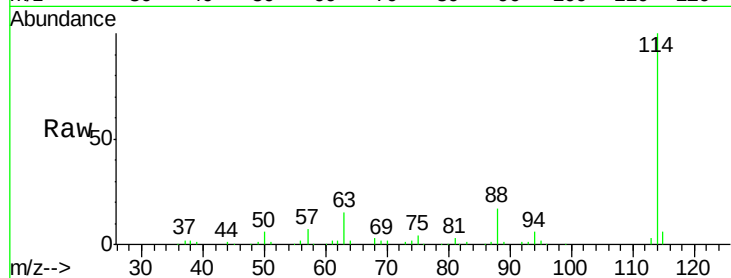




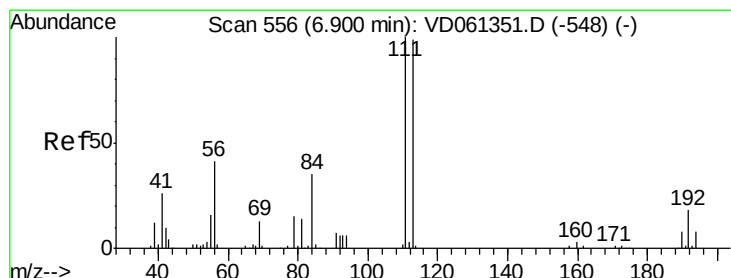
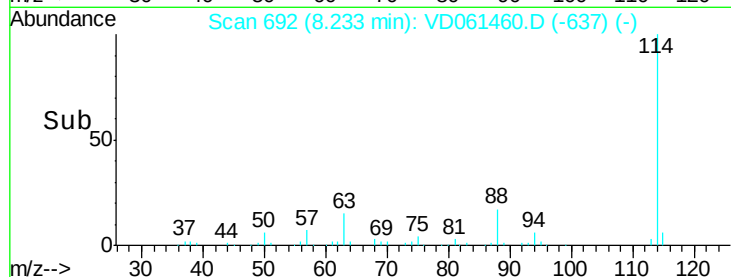
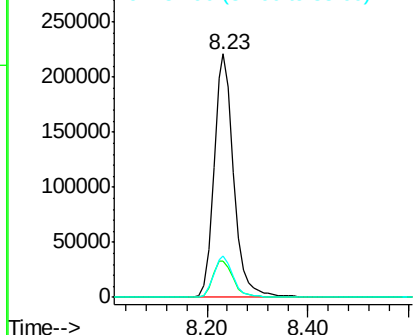
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 692
 Delta R.T. 0.04 min
 Lab File: VD061460.D
 Acq: 31 Mar 2019 21:23

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

Tgt Ion:114 Resp: 607256
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 31.6
 88 17.1 0.0 33.4

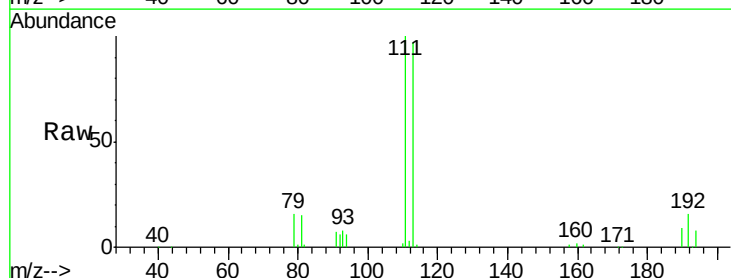


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

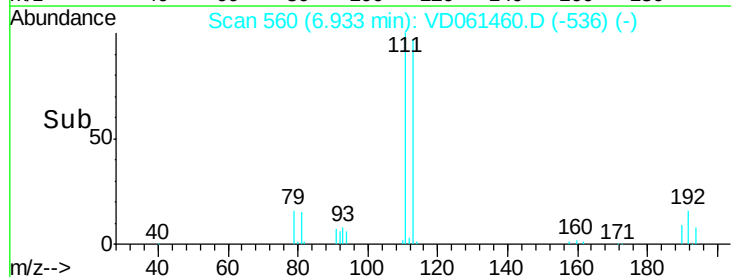
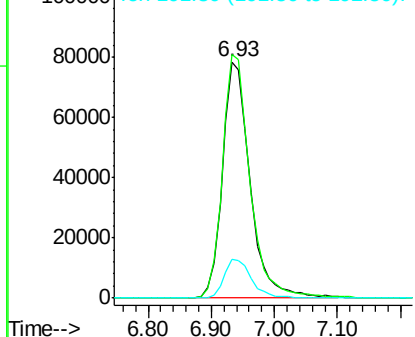


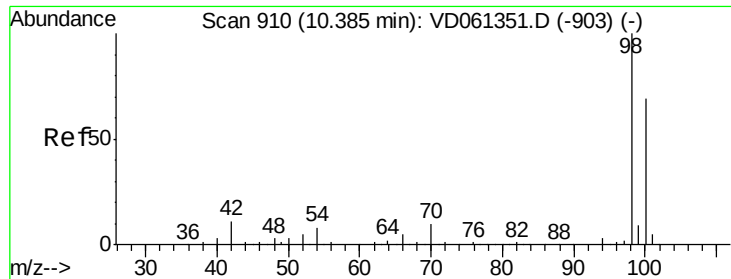
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD061460.D
 Acq: 31 Mar 2019 21:23

Tgt Ion:113 Resp: 238398
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.0 121.6
 192 16.5 14.4 21.6



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

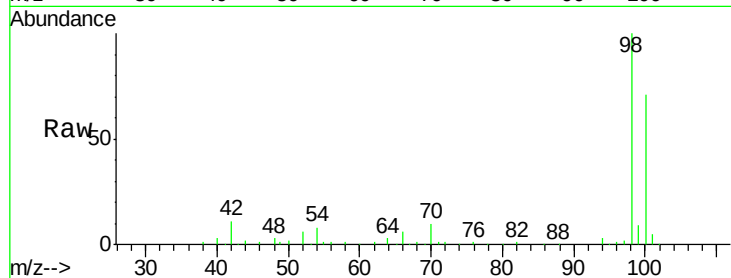




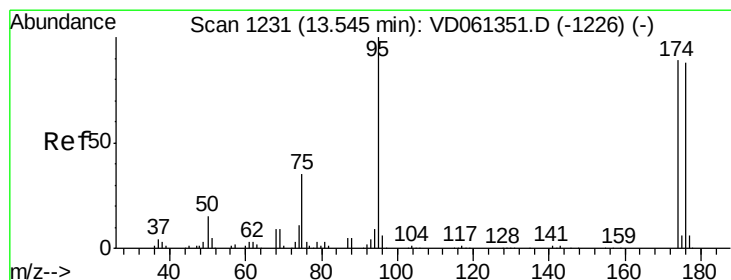
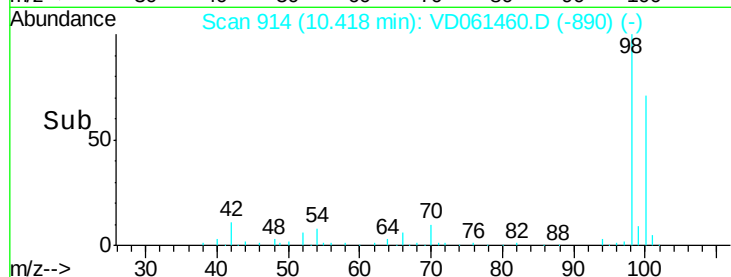
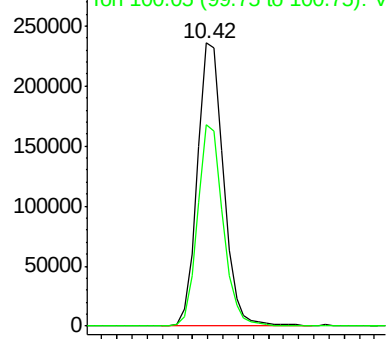
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.03 min
Lab File: VD061460.D
Acq: 31 Mar 2019 21:23

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

Tgt Ion: 98 Resp: 562516
Ion Ratio Lower Upper
98 100
100 71.1 56.2 84.2

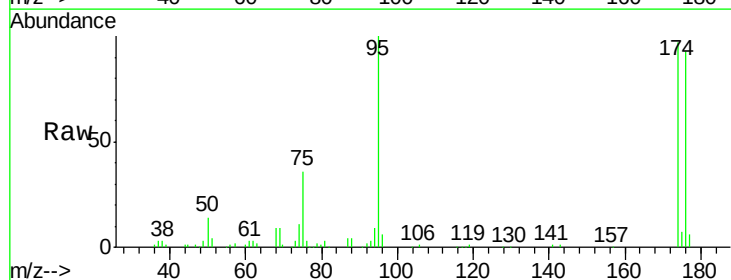


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

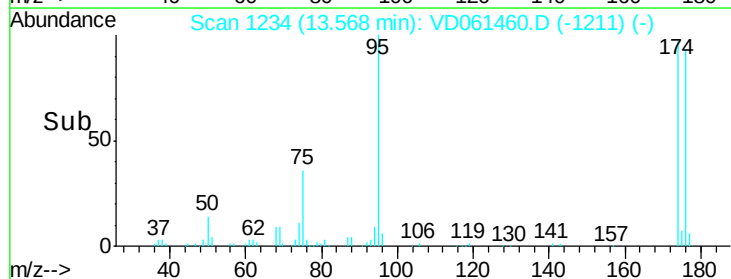
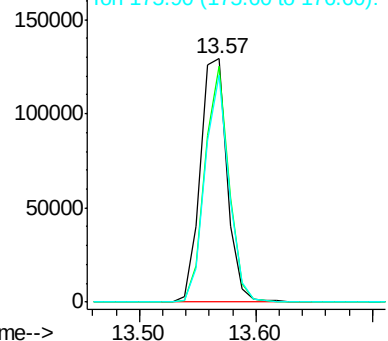


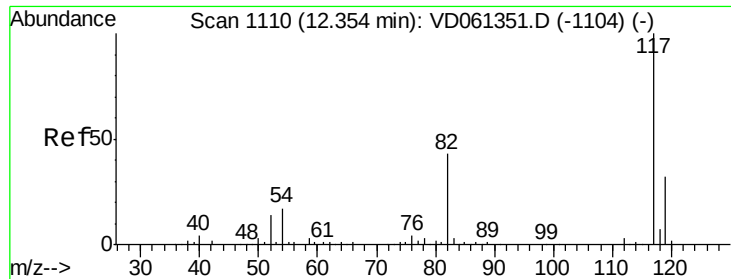
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061460.D
Acq: 31 Mar 2019 21:23

Tgt Ion: 95 Resp: 206100
Ion Ratio Lower Upper
95 100
174 96.9 0.0 178.0
176 93.1 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

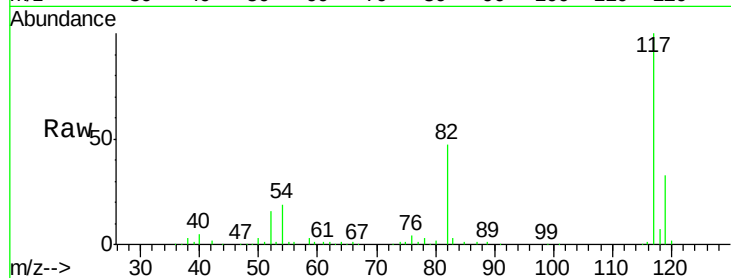




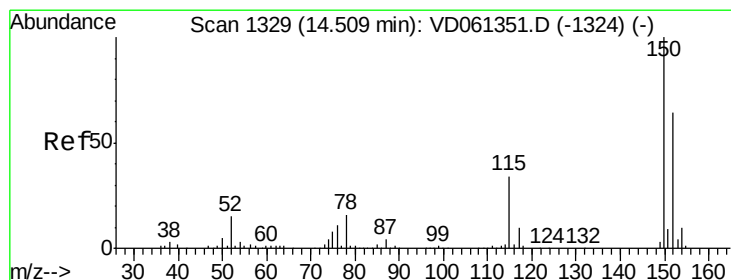
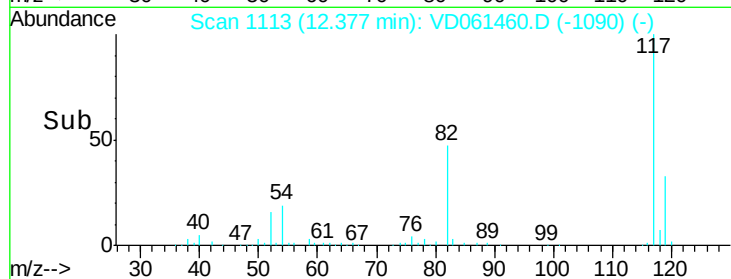
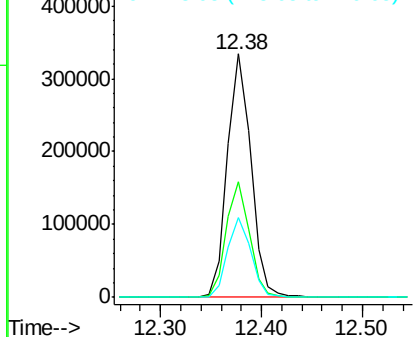
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.02 min
 Lab File: VD061460.D
 Acq: 31 Mar 2019 21:23

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

Tgt Ion:117 Resp: 545218
 Ion Ratio Lower Upper
 117 100
 82 47.3 34.4 51.6
 119 32.7 25.8 38.6

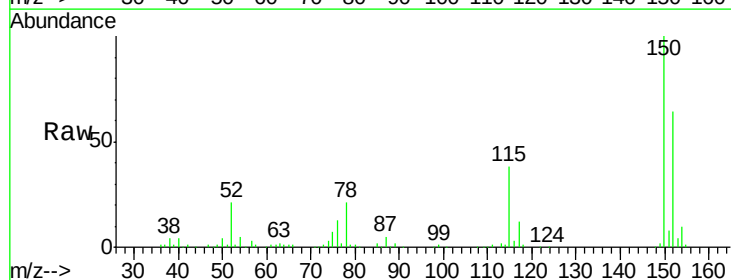


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061460.D
 Acq: 31 Mar 2019 21:23

Tgt Ion:152 Resp: 231999
 Ion Ratio Lower Upper
 152 100
 115 59.9 26.9 80.6
 150 157.0 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

