

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030519\
 Data File : VD060945.D
 Acq On : 5 Mar 2019 13:35
 Operator : VA/AP
 Sample : K1672-04RE
 Misc : 6.64g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-033-BRE

Quant Time: Mar 06 04:29:28 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

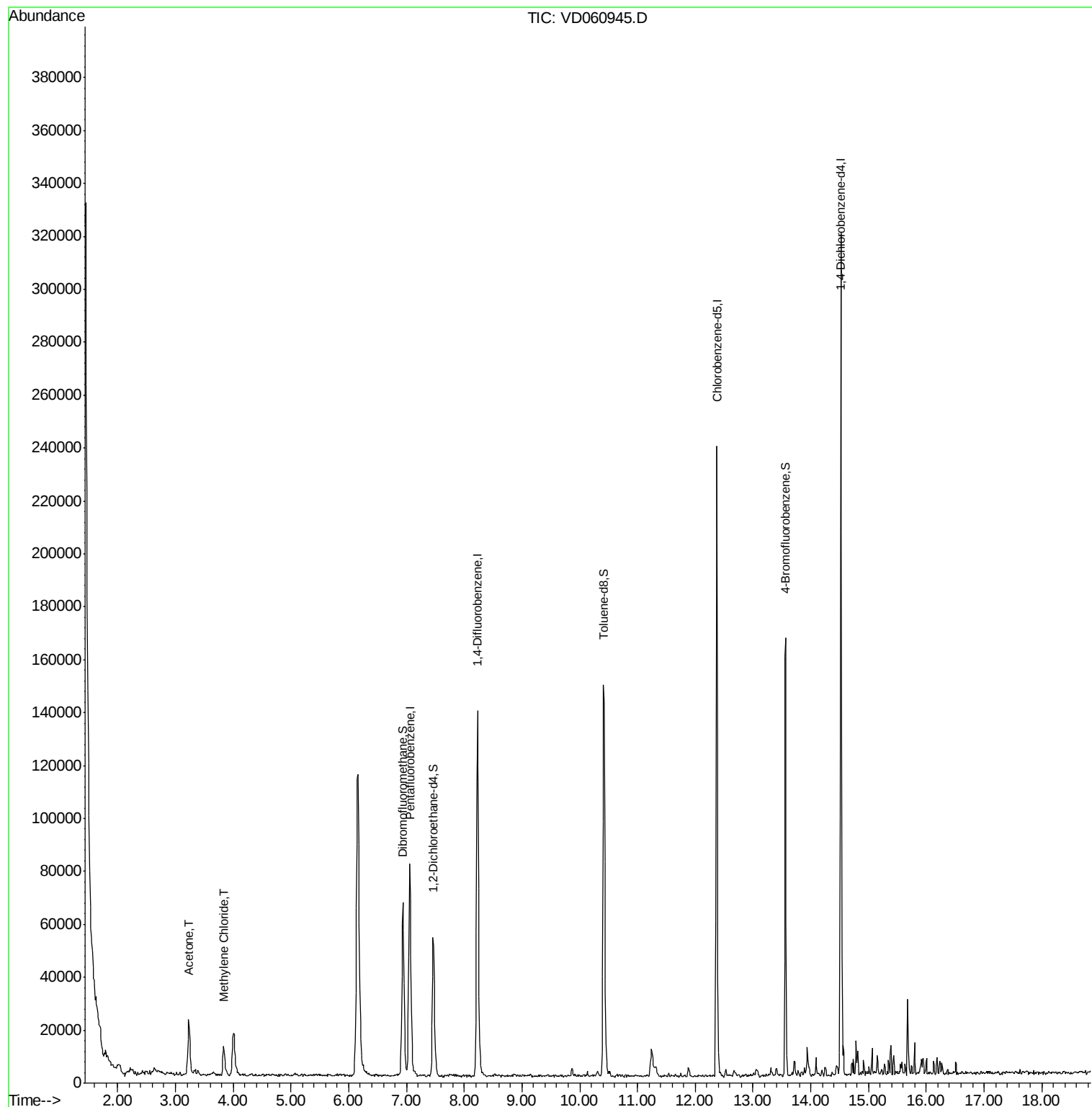
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	88970	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	172583	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	156668	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	70959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	48448	65.87	ug/l	0.02
Spiked Amount 50.000			Recovery	=	131.74%	
35) Dibromofluoromethane	6.94	113	64433	46.57	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.14%	
50) Toluene-d8	10.41	98	134241	38.99	ug/l	0.02
Spiked Amount 50.000			Recovery	=	77.98%	
62) 4-Bromofluorobenzene	13.55	95	60005	46.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.24%	
Target Compounds						
16) Acetone	3.23	43	37754	153.736	ug/l	92
20) Methylene Chloride	3.84	84	7986	3.473	ug/l	95

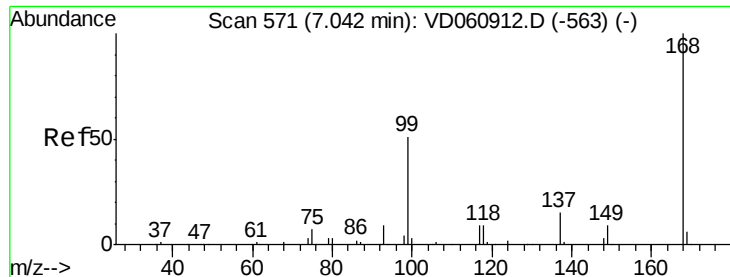
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030519\
Data File : VD060945.D
Acq On : 5 Mar 2019 13:35
Operator : VA/AP
Sample : K1672-04RE
Misc : 6.64g/5ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-033-BRE

Quant Time: Mar 06 04:29:28 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: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD060945.D

Acq: 5 Mar 2019 13:35

Instrument :

MSVOA_D

ClientSampleId :

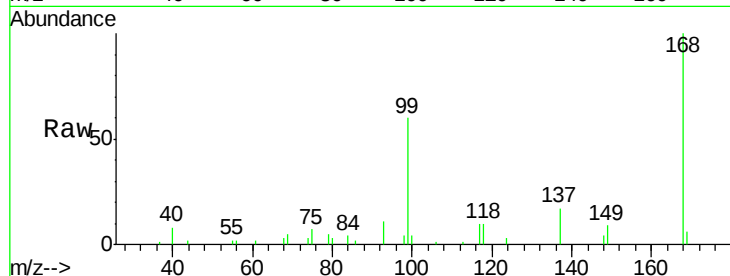
FK-GF-02-033-BRE

Tot Ion:168 Resp: 88970

Ion Ratio Lower Upper

168 100

99 60.0 41.5 62.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

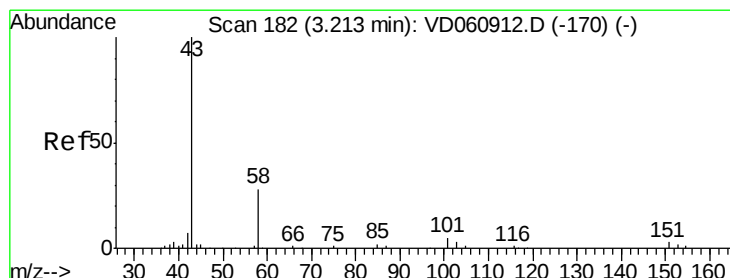
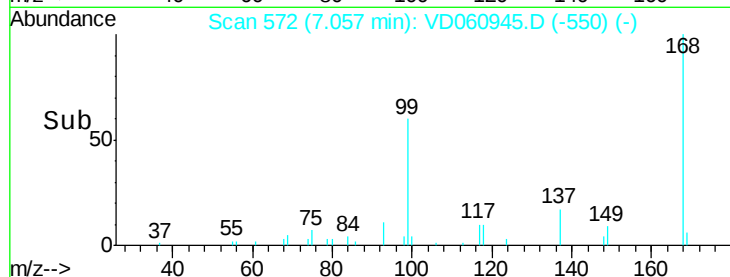
30000

20000

10000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 153.736 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD060945.D

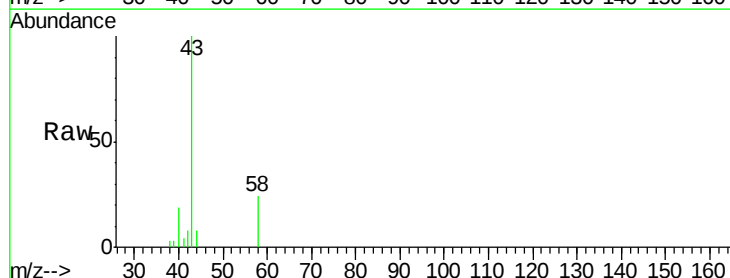
Acq: 5 Mar 2019 13:35

Tgt Ion: 43 Resp: 37754

Ion Ratio Lower Upper

43 100

58 24.3 22.8 34.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

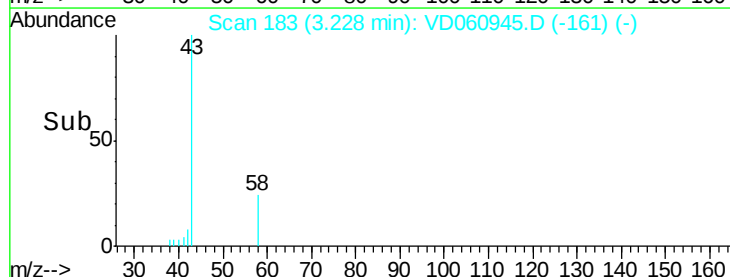
15000

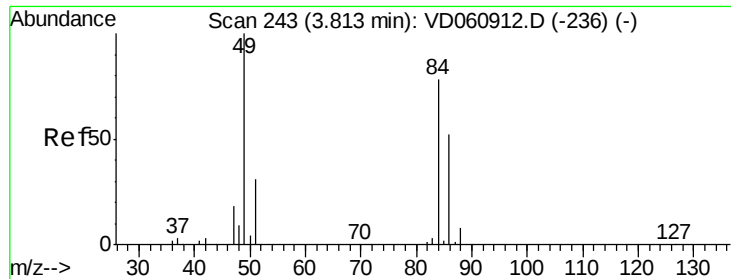
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

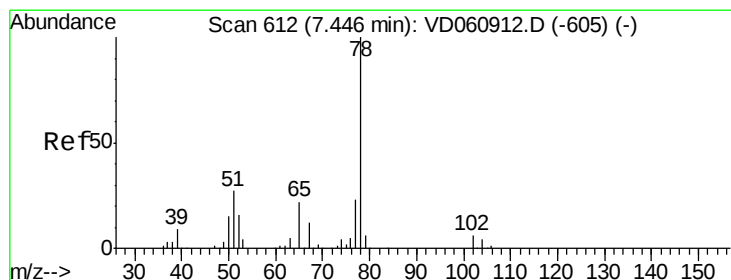
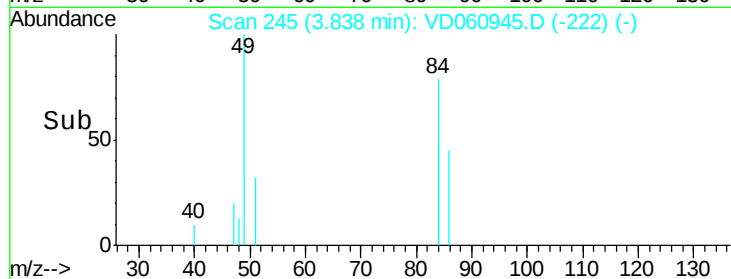
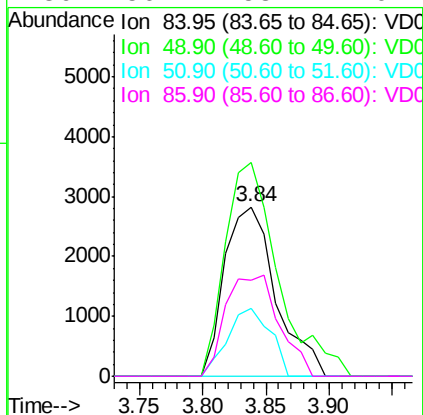
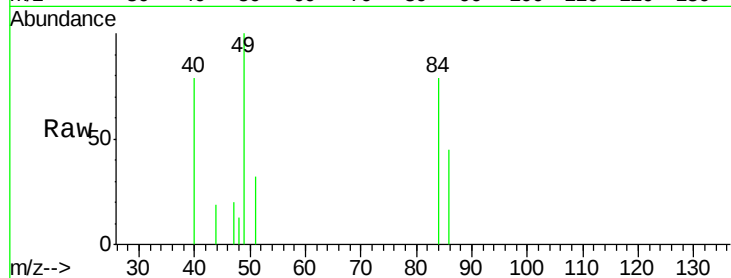




#20
Methvlene Chloride
Concen: 3.473 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.03 min
Lab File: VD060945.D
Acq: 5 Mar 2019 13:35

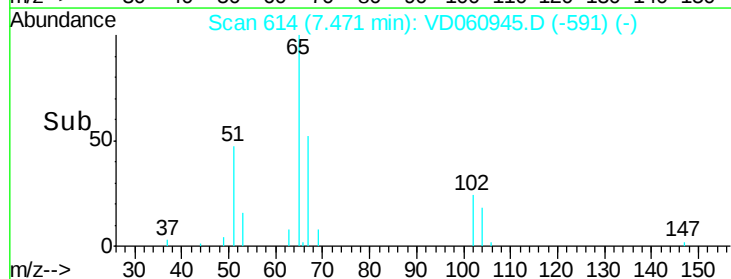
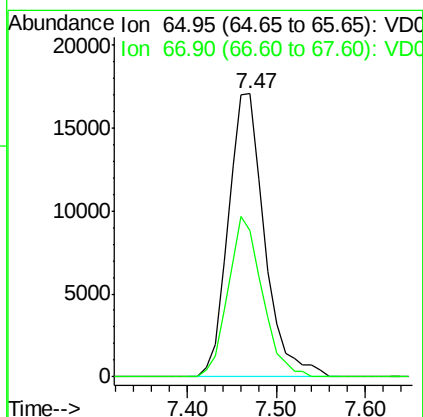
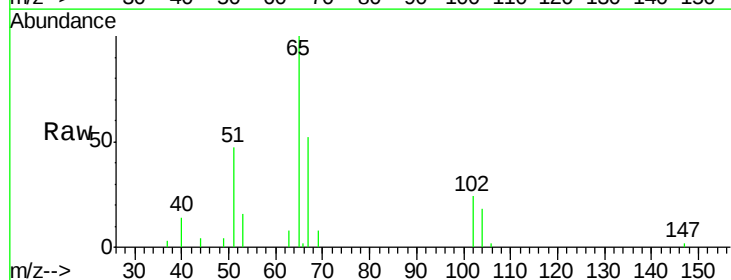
Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-033-BRE

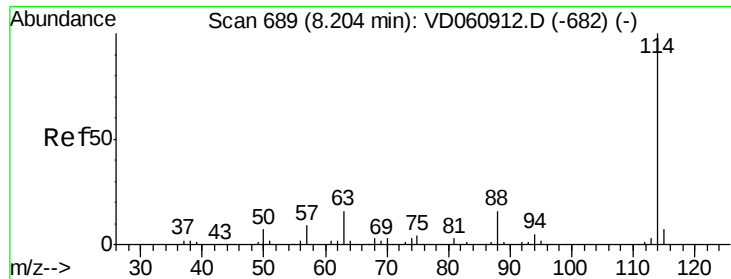
Tot Ion: 84 Resp: 7986
Ion Ratio Lower Upper
84 100
49 126.0 102.4 153.6
51 40.2 31.9 47.9
86 56.4 53.1 79.7



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.47 min Scan# 614
Delta R.T. 0.02 min
Lab File: VD060945.D
Acq: 5 Mar 2019 13:35

Tgt Ion: 65 Resp: 48448
Ion Ratio Lower Upper
65 100
67 51.7 0.0 109.4

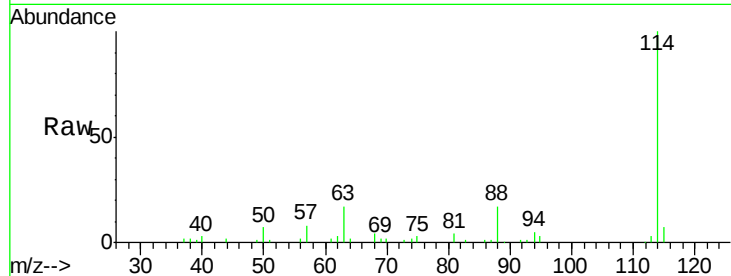




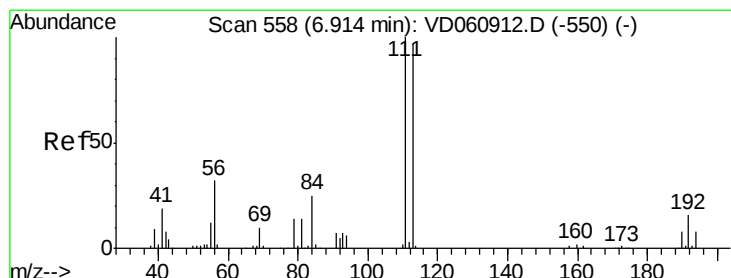
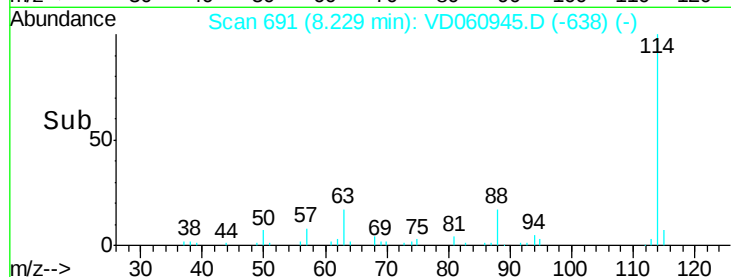
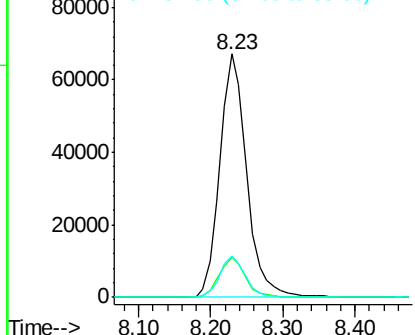
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD060945.D
 Acq: 5 Mar 2019 13:35

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-033-BRE

Tot Ion:114 Resp: 172583
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 32.0
 88 17.2 0.0 32.8

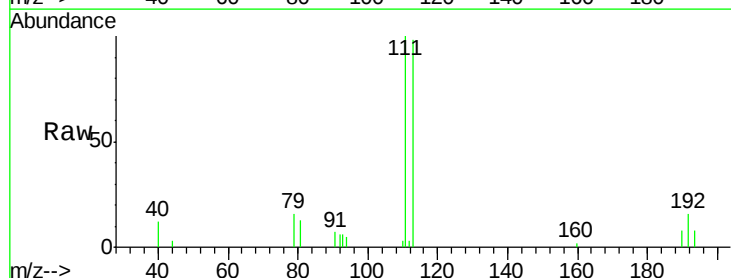


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

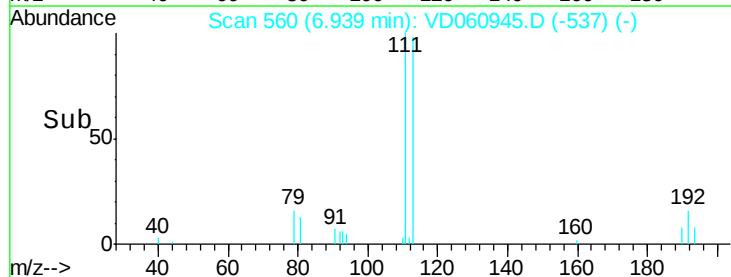
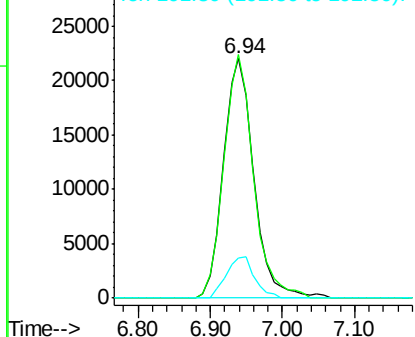


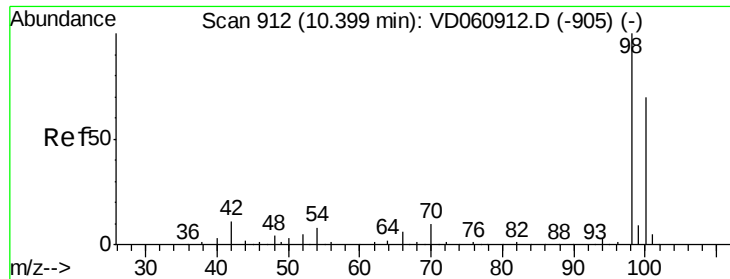
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.02 min
 Lab File: VD060945.D
 Acq: 5 Mar 2019 13:35

Tgt Ion:113 Resp: 64433
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.6 124.0
 192 16.7 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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD060945.D

Acq: 5 Mar 2019 13:35

Instrument :

MSVOA_D

ClientSampleId :

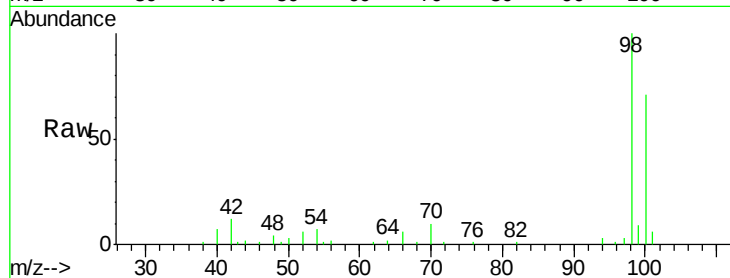
FK-GF-02-033-BRE

Tot Ion: 98 Resp: 134241

Ion Ratio Lower Upper

98 100

100 70.9 57.0 85.4



Abundance Ion 98.05 (97.75 to 98.75): VD060912.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD060912.D (-905) (-)

10.41

60000

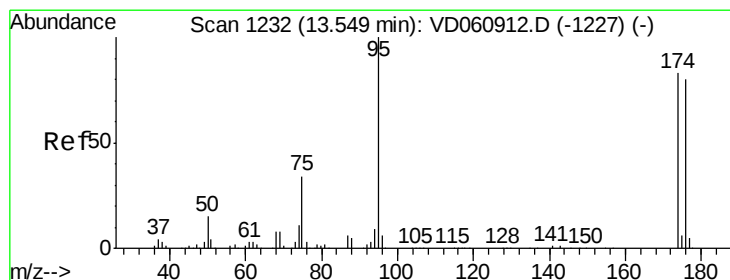
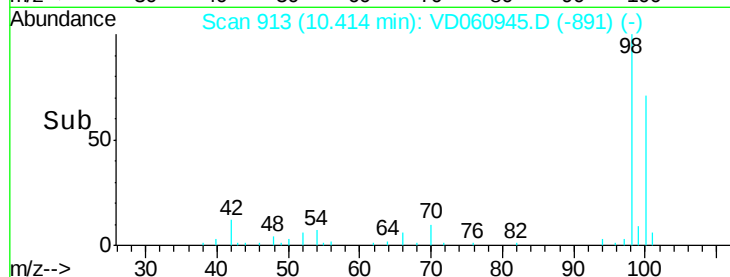
40000

20000

0

Time-->

10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD060945.D

Acq: 5 Mar 2019 13:35

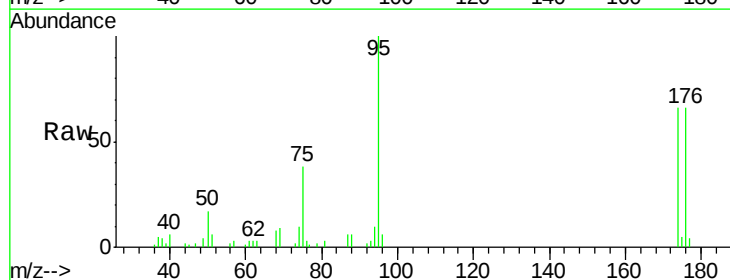
Tgt Ion: 95 Resp: 60005

Ion Ratio Lower Upper

95 100

174 65.7 0.0 165.6

176 66.5 0.0 160.6



Abundance Ion 95.00 (94.70 to 95.70): VD060912.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD060912.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD060912.D (-1227) (-)

13.55

50000

40000

30000

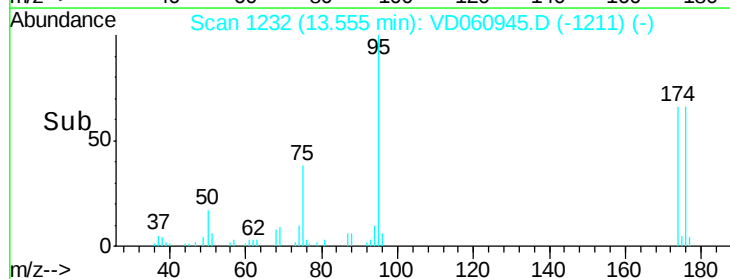
20000

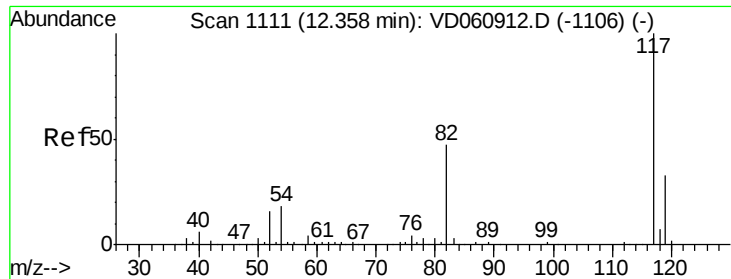
10000

0

Time-->

13.50 13.55 13.60 13.65

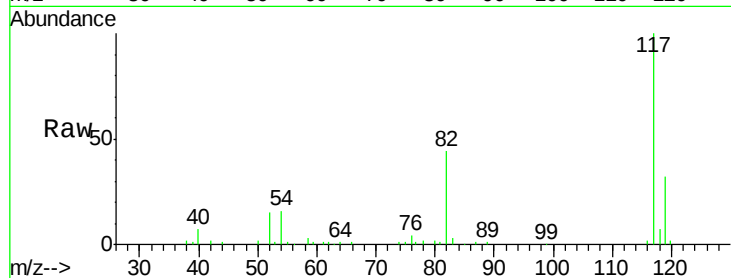




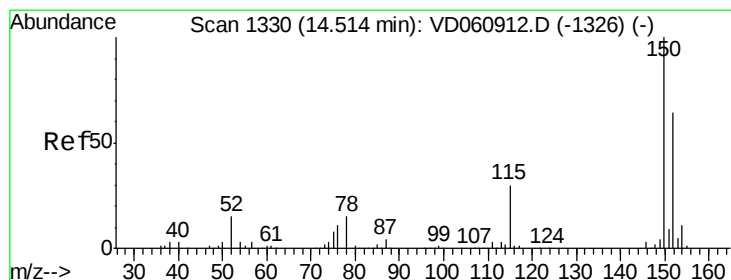
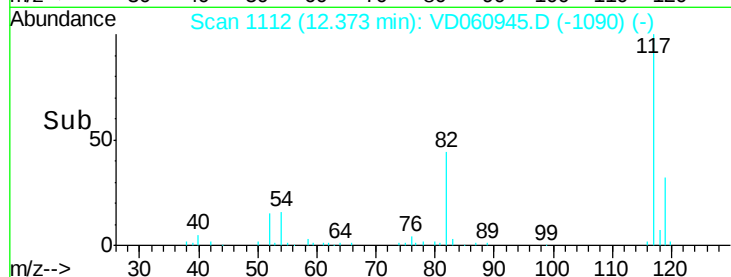
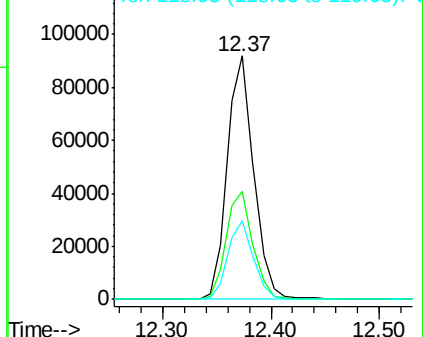
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD060945.D
Acq: 5 Mar 2019 13:35

Instrument :
MSVOA_D
ClientSampleId :
FK-GF-02-033-BRE

Tot Ion:117 Resp: 156668
Ion Ratio Lower Upper
117 100
82 44.3 37.5 56.3
119 32.4 26.2 39.2

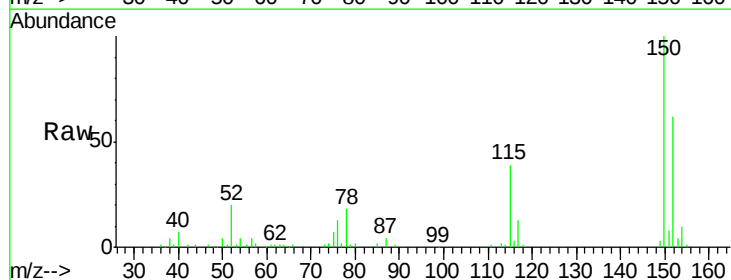


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD060945.D
Acq: 5 Mar 2019 13:35

Tgt Ion:152 Resp: 70959
Ion Ratio Lower Upper
152 100
115 62.8 27.6 82.8
150 162.4 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

