

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060046.D
 Acq On : 19 Sep 2018 17:39
 Operator : JC/SY
 Sample : J5004-04
 Misc : 10.63g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-026-B

Quant Time: Sep 21 16:34:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

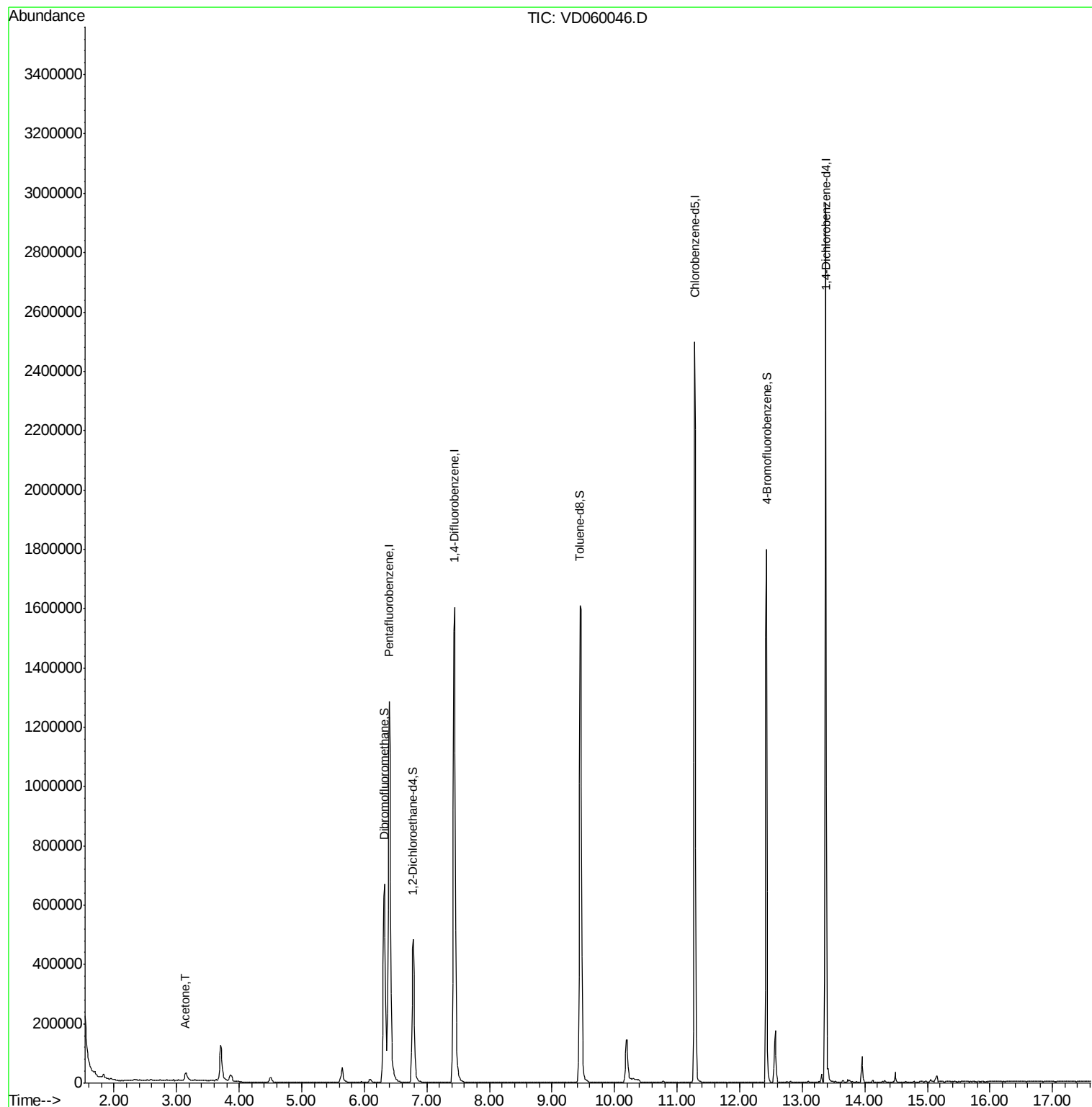
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1258266	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	1704750	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	1385092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	707510	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	398628	40.63	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.26%	
35) Dibromofluoromethane	6.32	113	522501	39.23	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.46%	
50) Toluene-d8	9.46	98	1365785	37.00	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.00%	
62) 4-Bromofluorobenzene	12.43	95	525308	37.25	ug/l	0.02
Spiked Amount 50.000			Recovery	=	74.50%	
Target Compounds						
16) Acetone	3.14	43	53889	28.445	ug/l	Qvalue 95

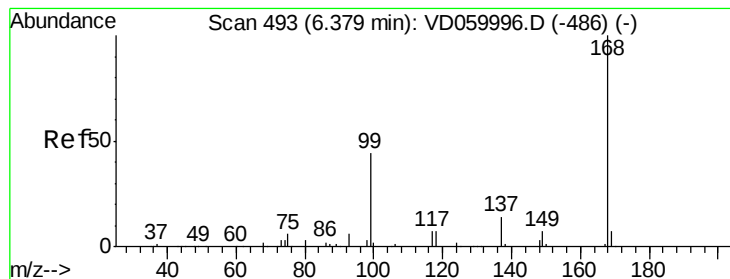
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Instrument :

MSVOA_D

ClientSampleId :

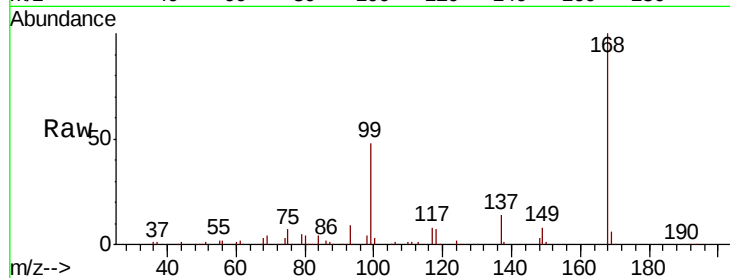
FK-GF-02-026-B

Tot Ion:168 Resp: 1258266

Ion Ratio Lower Upper

168 100

99 48.5 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

500000

400000

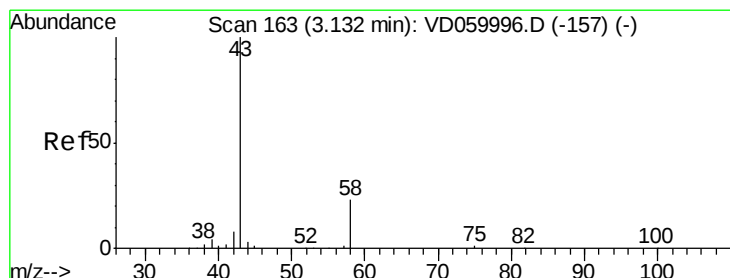
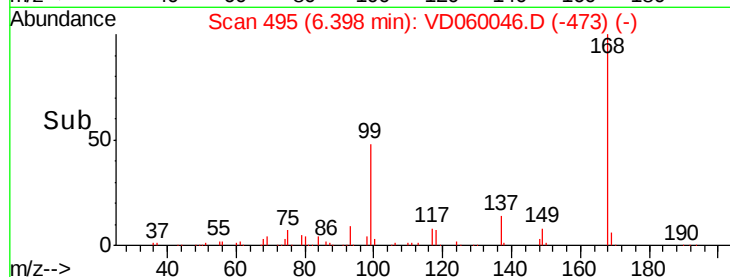
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 28.445 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD060046.D

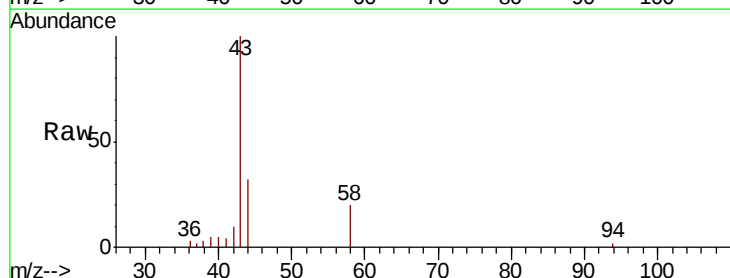
Acq: 19 Sep 2018 17:39

Tgt Ion: 43 Resp: 53889

Ion Ratio Lower Upper

43 100

58 20.2 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.14

20000

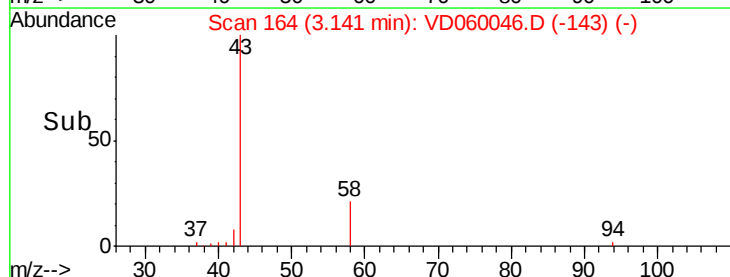
15000

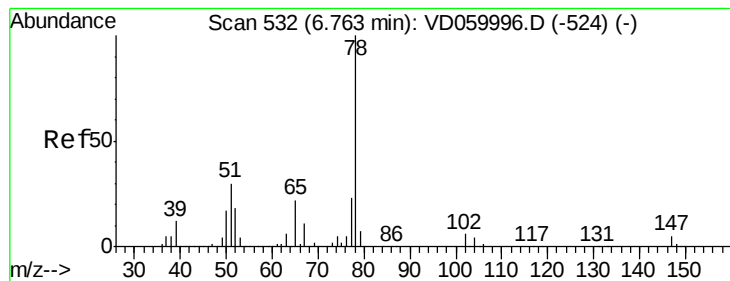
10000

5000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Instrument :

MSVOA_D

ClientSampleId :

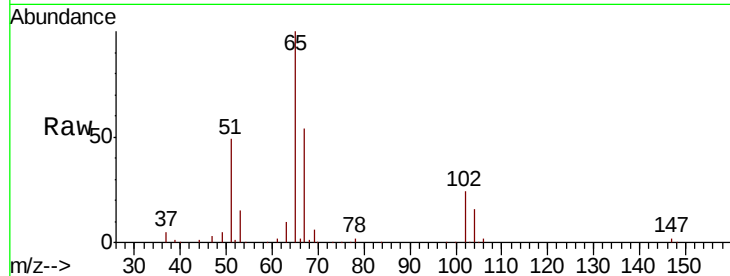
FK-GF-02-026-B

Tot Ion: 65 Resp: 398628

Ion Ratio Lower Upper

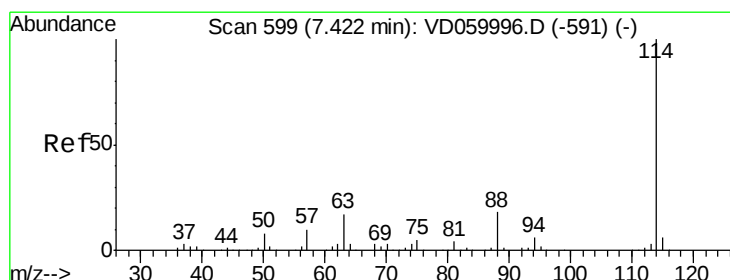
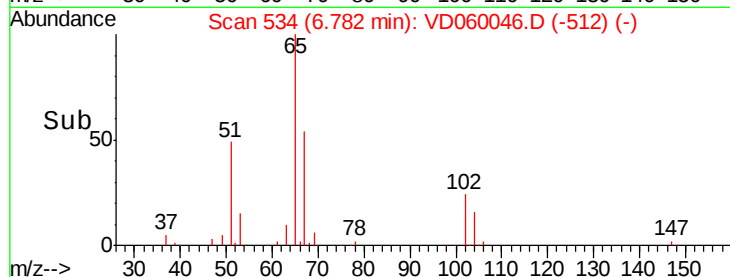
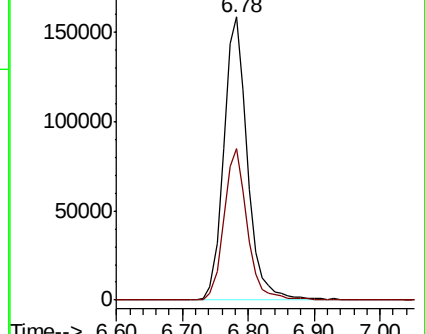
65 100

67 53.6 0.0 104.8



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: 7.44 min Scan# 601

Delta R.T. 0.02 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

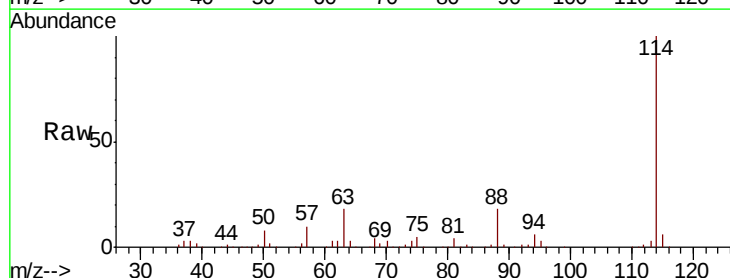
Tgt Ion: 114 Resp: 1704750

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.4

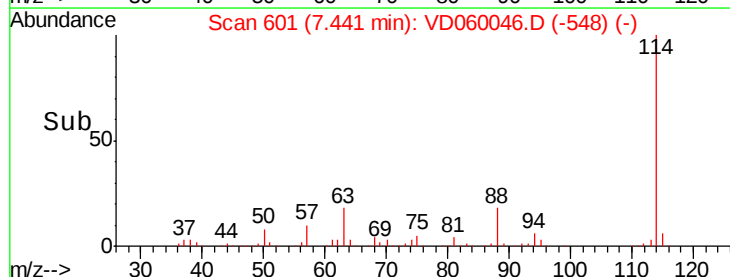
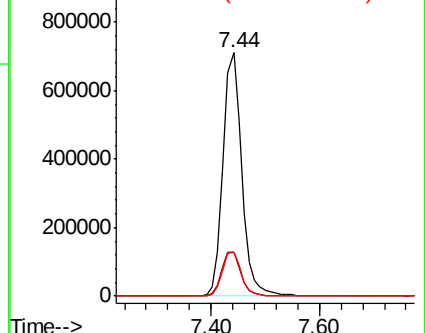
88 18.0 0.0 35.8

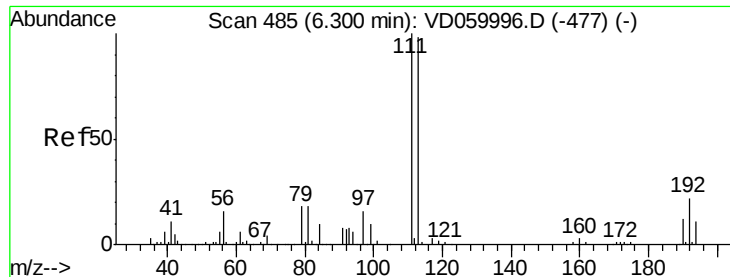


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

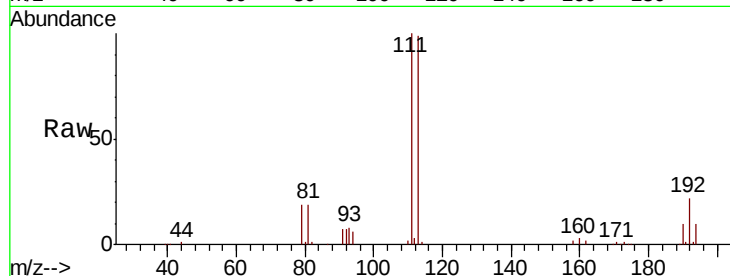




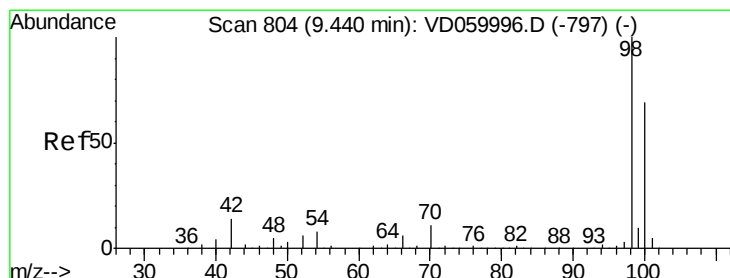
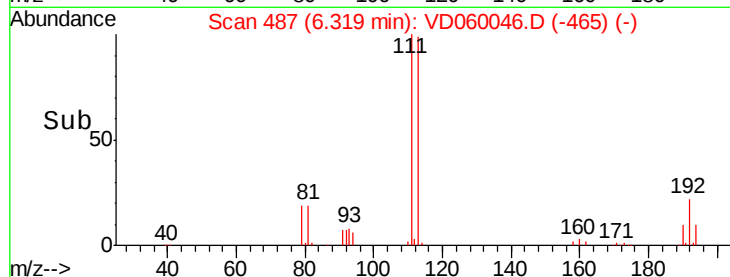
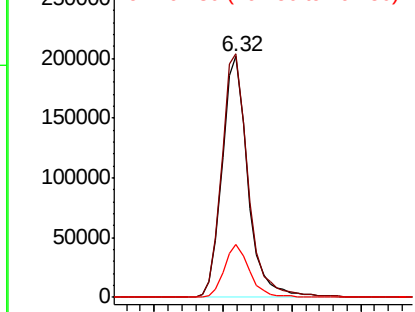
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-026-B

Tot Ion:113 Resp: 522501
 Ion Ratio Lower Upper
 113 100
 111 101.2 81.3 121.9
 192 21.9 18.1 27.1

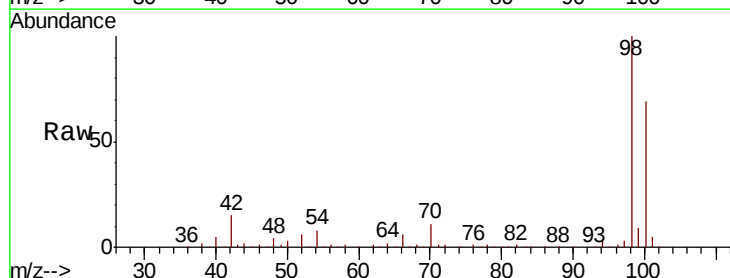


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

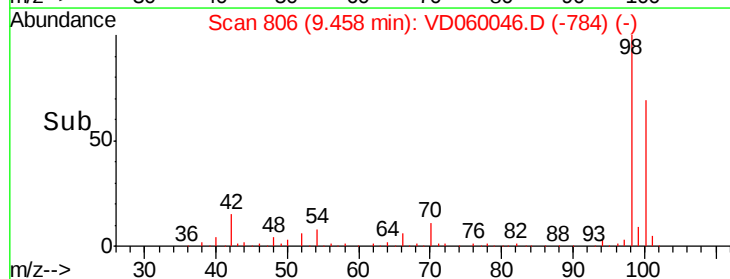
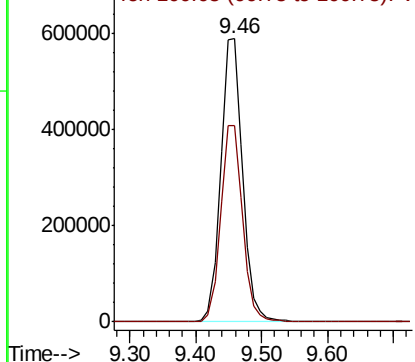


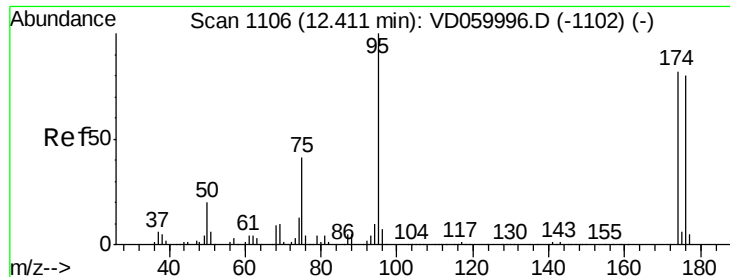
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 806
 Delta R.T. 0.02 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Tgt Ion: 98 Resp: 1365785
 Ion Ratio Lower Upper
 98 100
 100 69.4 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VD





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

Instrument :

MSVOA_D

ClientSampleId :

FK-GF-02-026-B

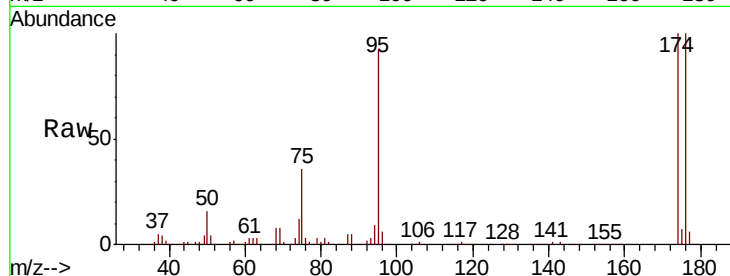
Tot Ion: 95 Resp: 525308

Ion Ratio Lower Upper

95 100

174 108.7 0.0 165.0

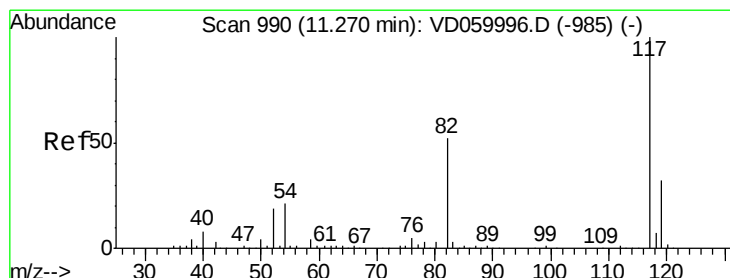
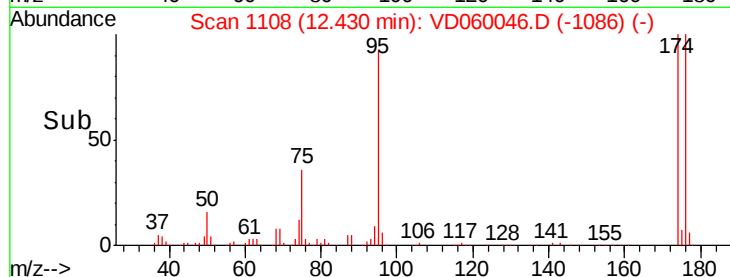
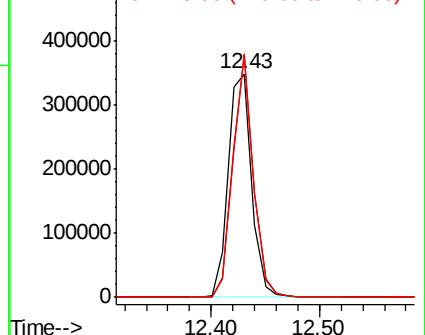
176 109.0 0.0 160.2



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: 11.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060046.D

Acq: 19 Sep 2018 17:39

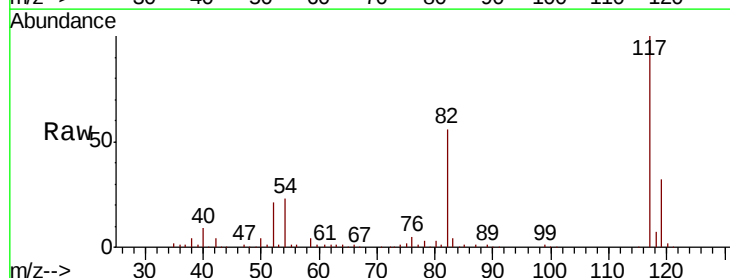
Tgt Ion: 117 Resp: 1385092

Ion Ratio Lower Upper

117 100

82 56.2 41.7 62.5

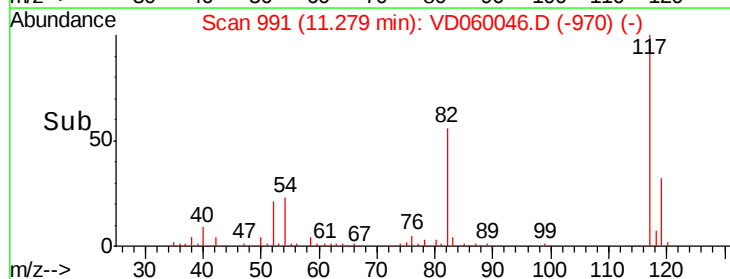
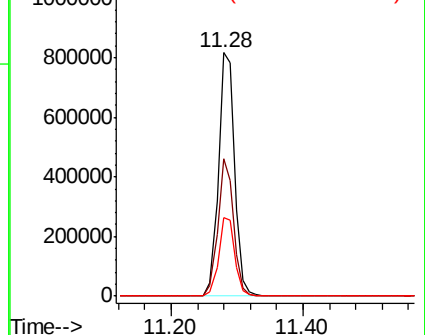
119 32.2 26.0 39.0

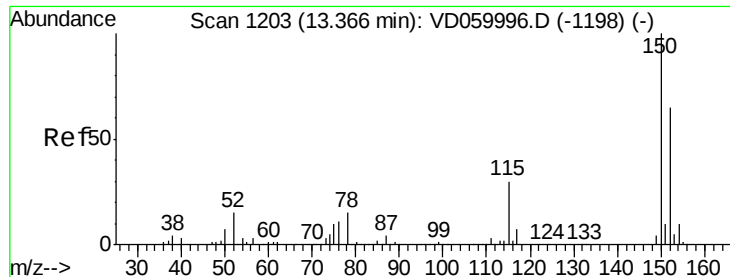


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

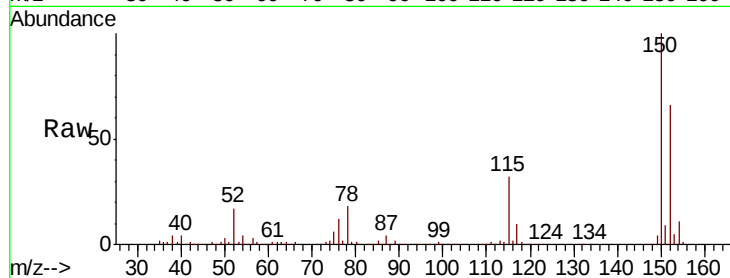




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060046.D
 Acq: 19 Sep 2018 17:39

Instrument :
 MSVOA_D
 ClientSampleId :
 FK-GF-02-026-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	48.0	24.6	73.8
150	151.0	0.0	313.4



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

