

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112018\
 Data File : VD060426.D
 Acq On : 20 Nov 2018 13:53
 Operator : JC/SY
 Sample : J5967-03
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(5.5-7.5)

Quant Time: Nov 20 15:32:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 19 16:31:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	5987	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	7.45	114	9616	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.28	117	8702	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	4528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.78	65	3724	86.87	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	173.74%	
35) Dibromofluoromethane	6.31	113	3774	52.63	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	105.26%	
50) Toluene-d8	9.46	98	8434	40.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.38%	
62) 4-Bromofluorobenzene	12.43	95	3304	43.45	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	86.90%	

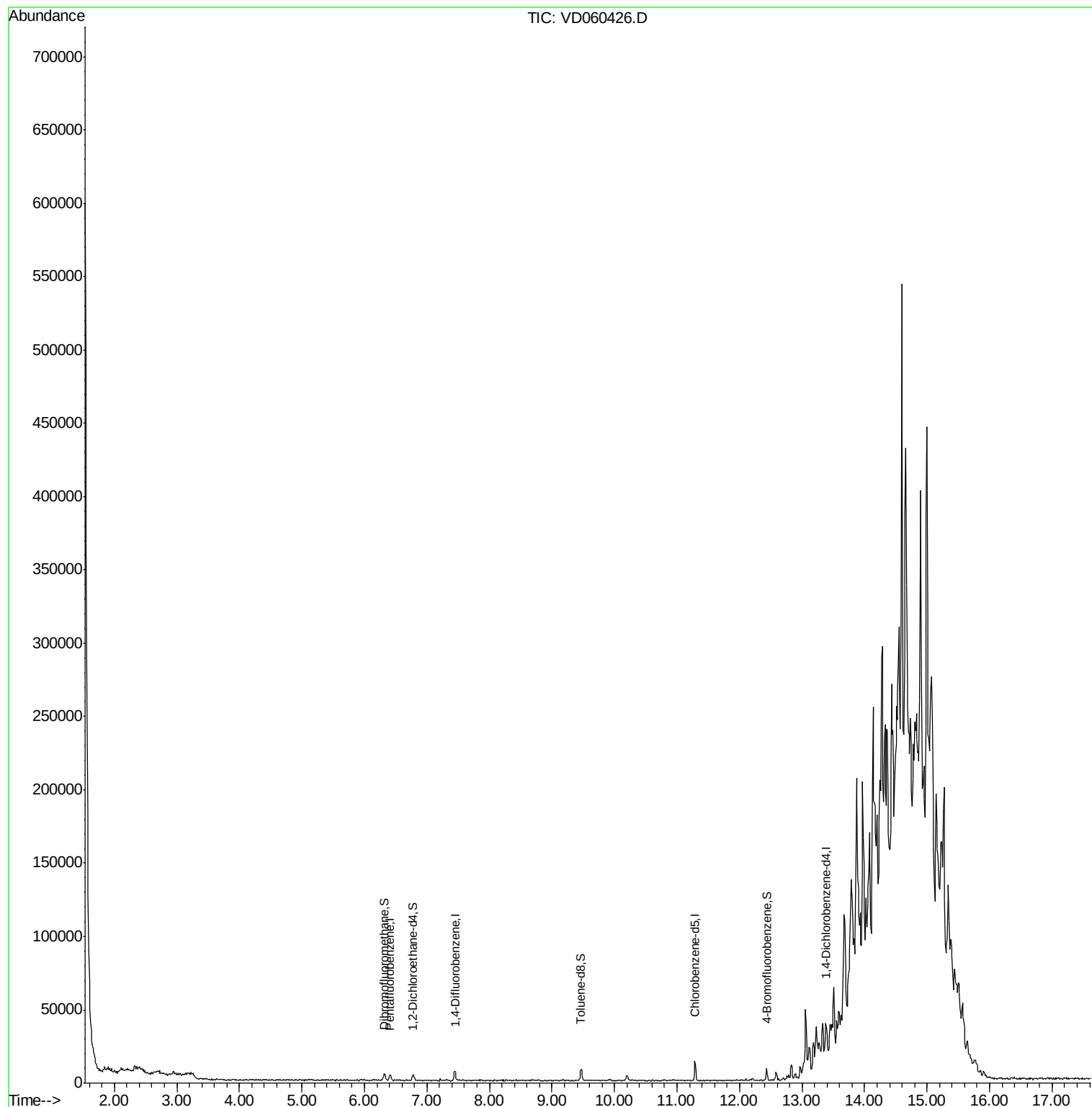
Target Compounds	Qvalue

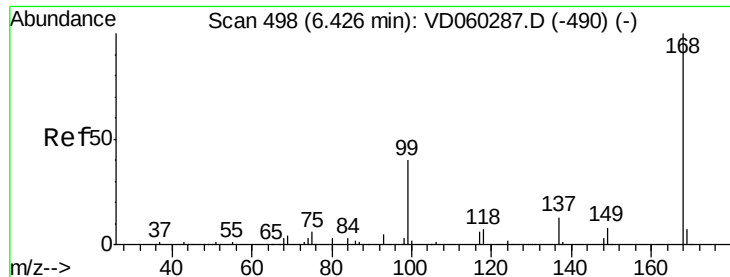
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD112018\
Data File : VD060426.D
Acq On : 20 Nov 2018 13:53
Operator : JC/SY
Sample : J5967-03
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
FDSB-14(5.5-7.5)

Quant Time: Nov 20 15:32:07 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 19 16:31:59 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060426.D

Acq: 20 Nov 2018 13:53

Instrument :

MSVOA_D

ClientSampleId :

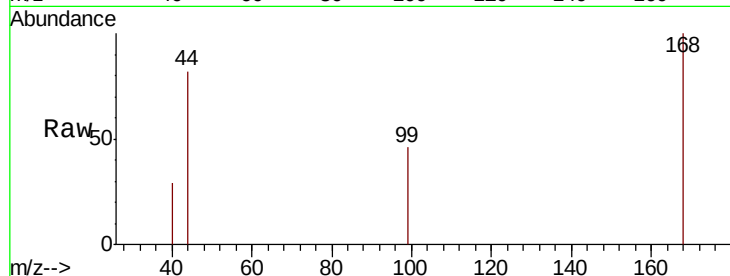
FDSB-14(5.5-7.5)

Tot Ion:168 Resp: 5987

Ion Ratio Lower Upper

168 100

99 45.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.41

2500

2000

1500

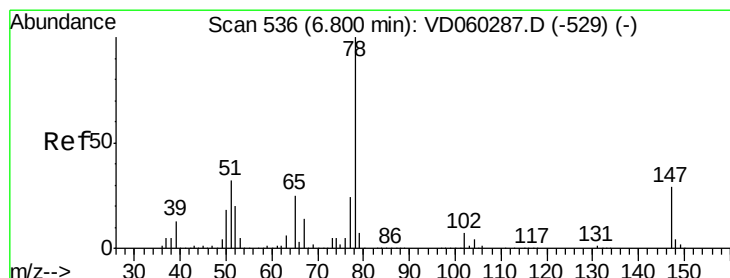
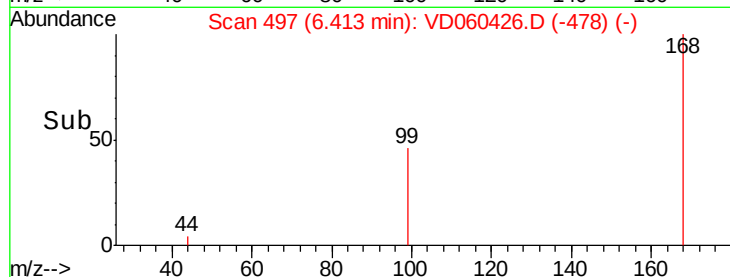
1000

500

0

6.35 6.40 6.45 6.50

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: VD060426.D

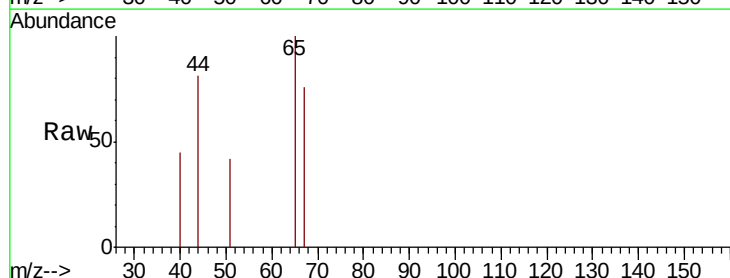
Acq: 20 Nov 2018 13:53

Tgt Ion: 65 Resp: 3724

Ion Ratio Lower Upper

65 100

67 76.0 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

1500

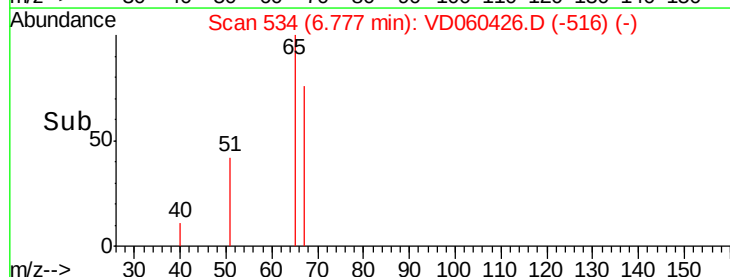
1000

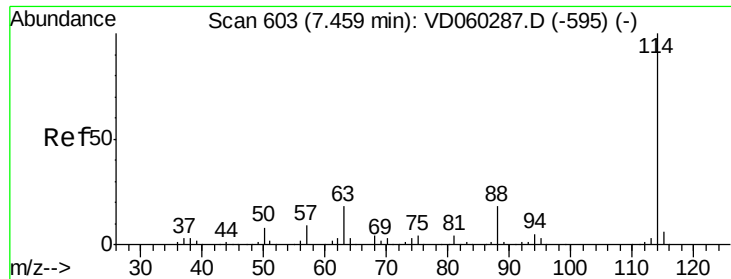
500

0

6.70 6.75 6.80 6.85

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060426.D

Acq: 20 Nov 2018 13:53

Instrument :

MSVOA_D

ClientSampleId :

FDSB-14(5.5-7.5)

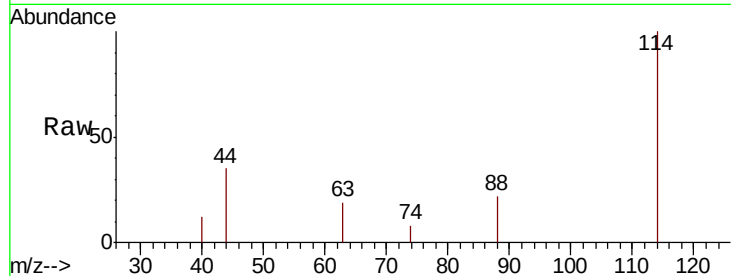
Tot Ion:114 Resp: 9616

Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.0

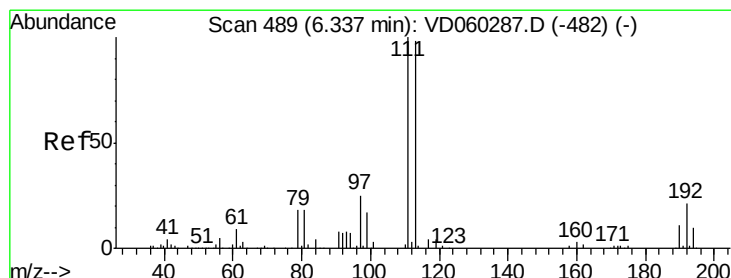
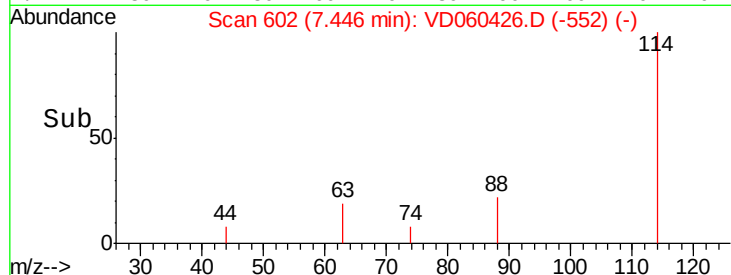
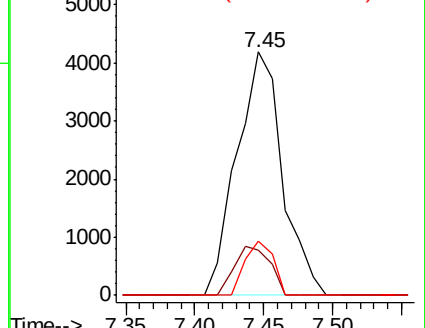
88 22.4 0.0 35.4



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: 6.31 min Scan# 487

Delta R.T. -0.02 min

Lab File: VD060426.D

Acq: 20 Nov 2018 13:53

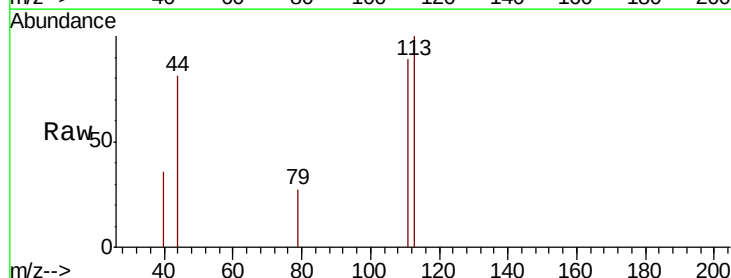
Tgt Ion:113 Resp: 3774

Ion Ratio Lower Upper

113 100

111 89.3 81.6 122.4

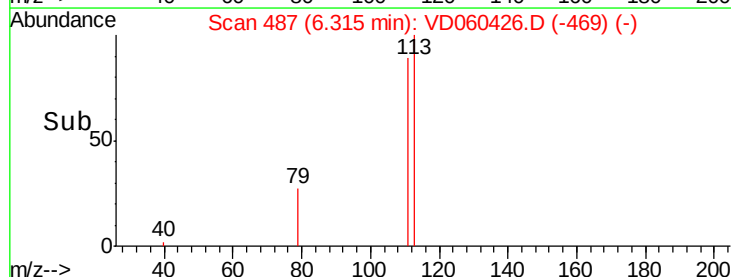
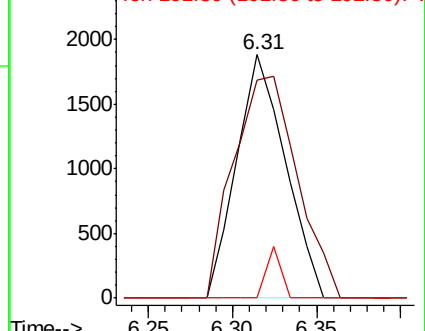
192 0.0 16.5 24.7#

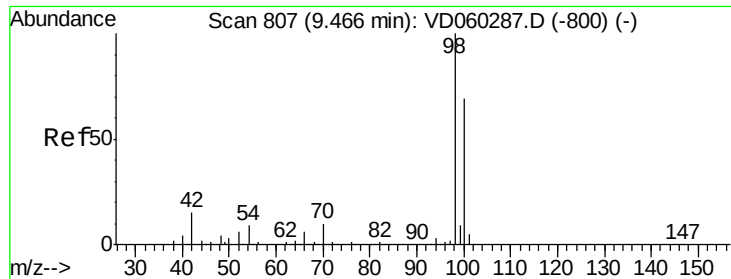


Abundance Ion 112.90 (112.60 to 113.60): V

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# 807

Delta R.T. -0.00 min

Lab File: VD060426.D

Acq: 20 Nov 2018 13:53

Instrument :

MSVOA_D

ClientSampleId :

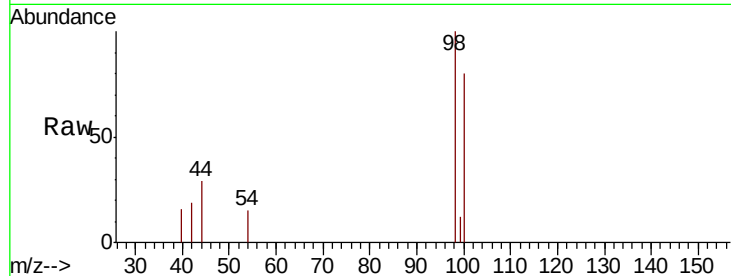
FDSB-14(5.5-7.5)

Tot Ion: 98 Resp: 8434

Ion Ratio Lower Upper

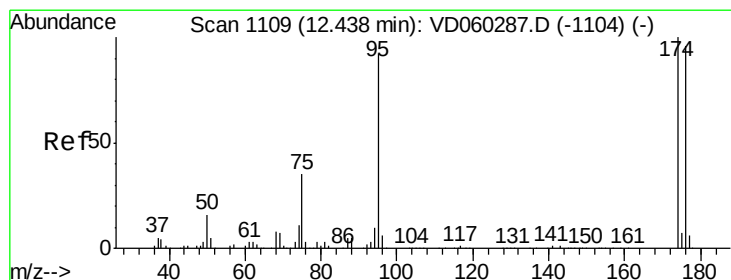
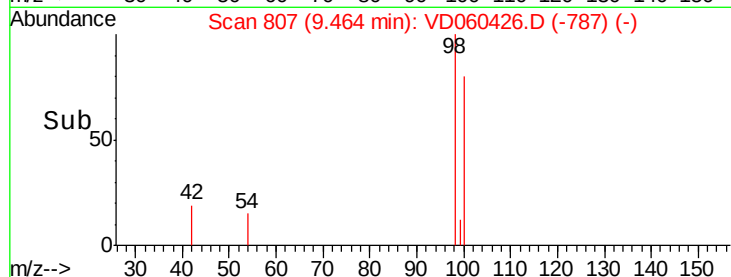
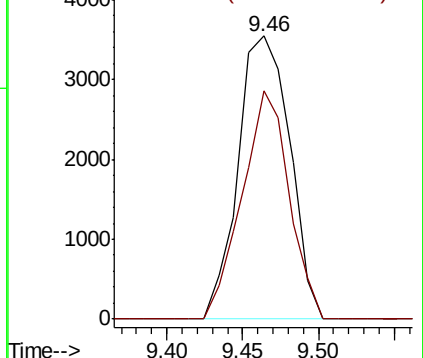
98 100

100 80.5 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060426.D

Acq: 20 Nov 2018 13:53

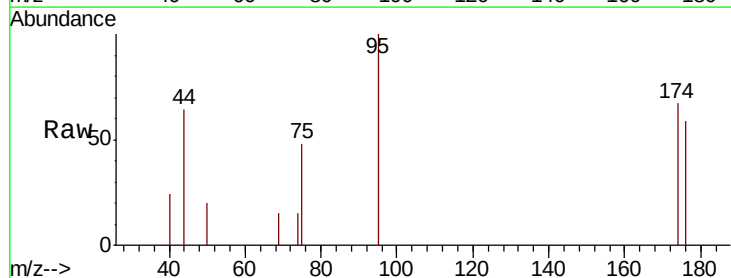
Tgt Ion: 95 Resp: 3304

Ion Ratio Lower Upper

95 100

174 67.4 0.0 160.8

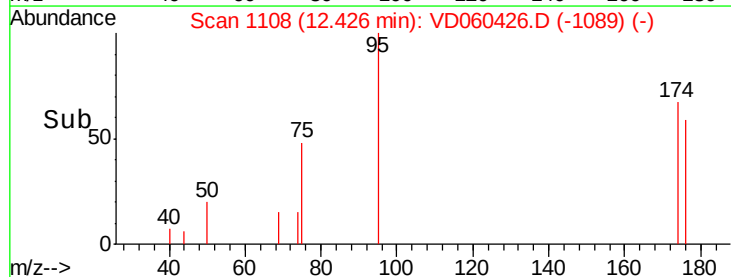
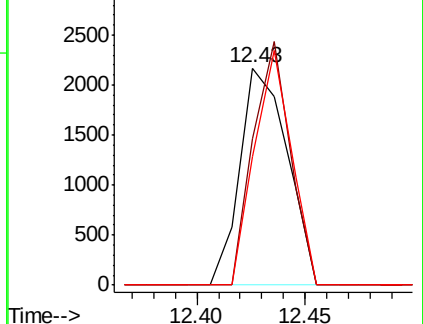
176 59.5 0.0 154.6

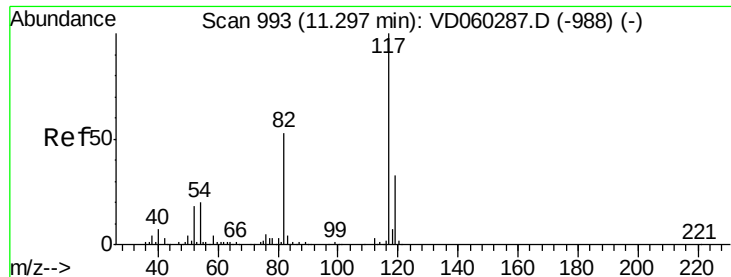


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

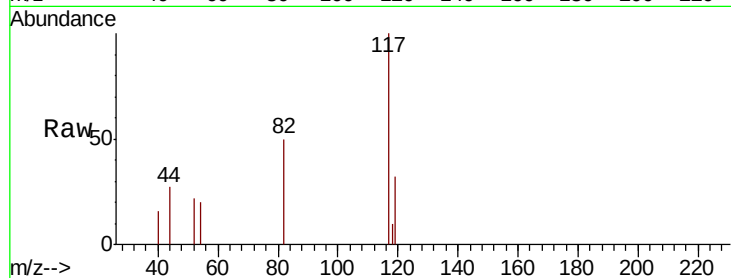




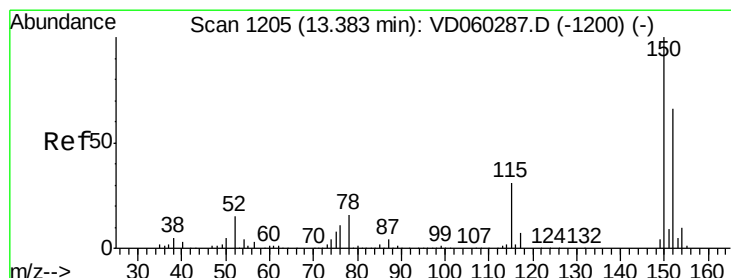
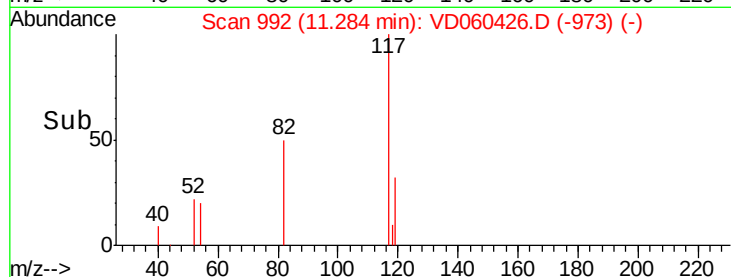
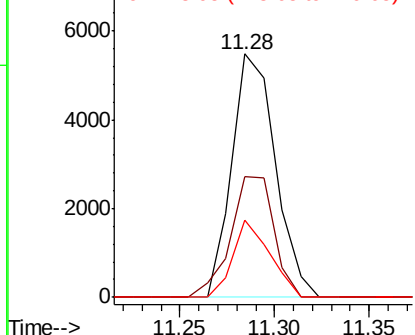
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.28 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: VD060426.D
 Acq: 20 Nov 2018 13:53

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-14(5.5-7.5)

Tot Ion:117 Resp: 8702
 Ion Ratio Lower Upper
 117 100
 82 49.8 43.7 65.5
 119 31.9 26.1 39.1

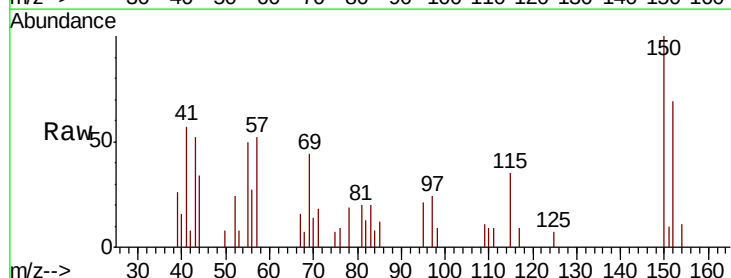


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.38 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VD060426.D
 Acq: 20 Nov 2018 13:53

Tgt Ion:152 Resp: 4528
 Ion Ratio Lower Upper
 152 100
 115 51.0 24.1 72.3
 150 145.5 0.0 310.6



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

