

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD112018\
 Data File : VD060424.D
 Acq On : 20 Nov 2018 12:57
 Operator : JC/SY
 Sample : J5951-02
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-02(21-23)

Quant Time: Nov 21 14:34:58 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	6.42	168	7517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	13838	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	12176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	5949	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	5165	95.96	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	191.92%	
35) Dibromofluoromethane	6.32	113	4551	44.10	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	88.20%	
50) Toluene-d8	9.46	98	12587	41.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.36%	
62) 4-Bromofluorobenzene	12.43	95	5603	51.20	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.40%	

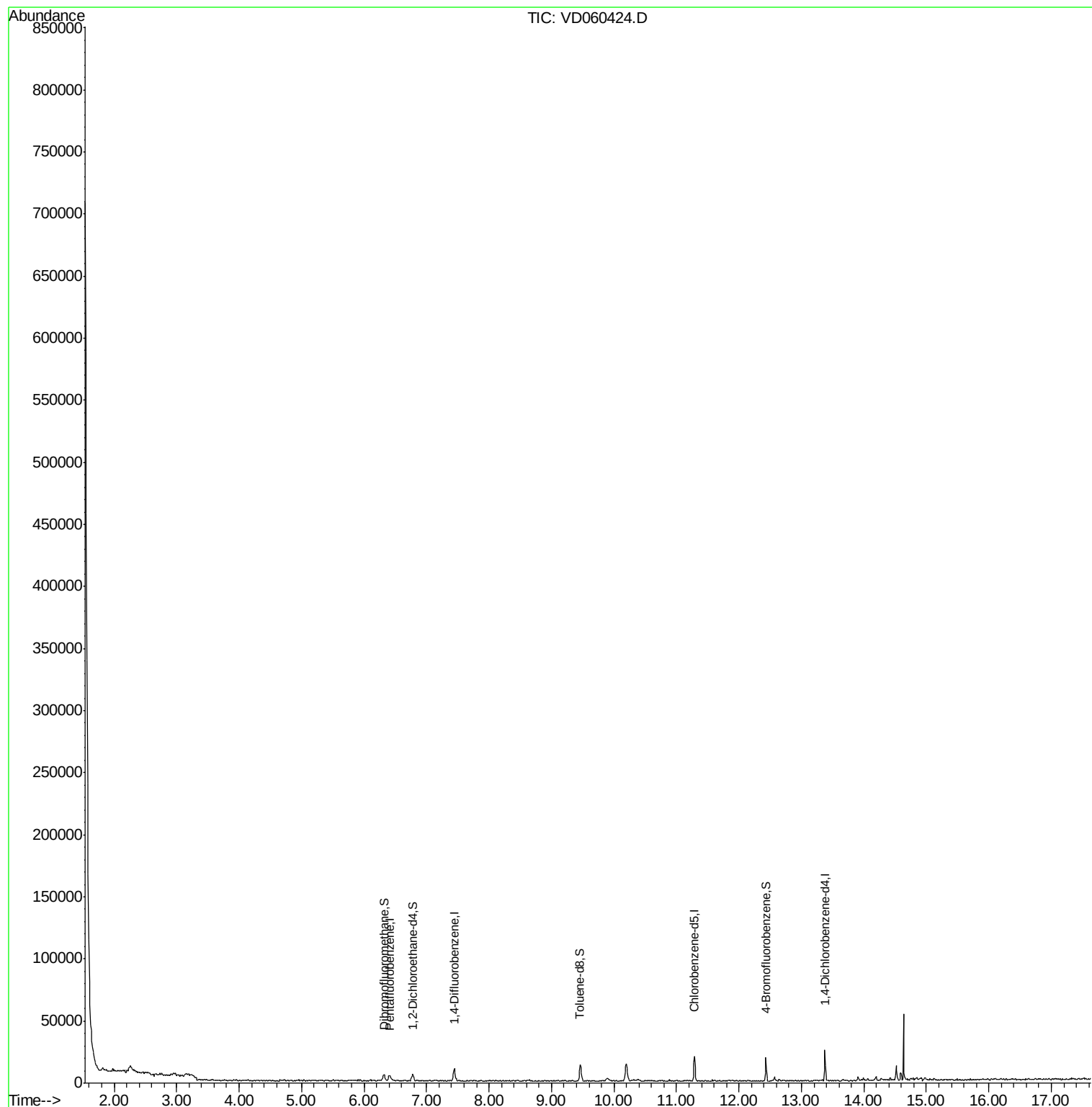
Target Compounds	Qvalue
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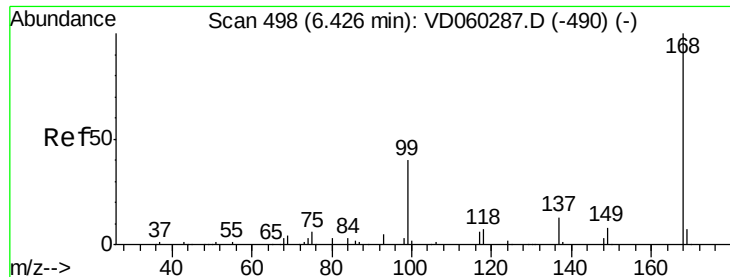
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060424.D

Acq: 20 Nov 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

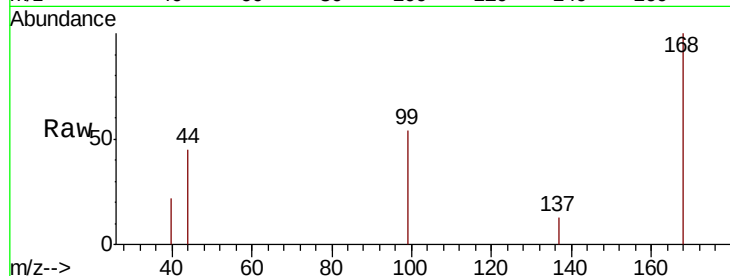
FDSB-02(21-23)

Tot Ion:168 Resp: 7517

Ion Ratio Lower Upper

168 100

99 54.1 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

3000

2500

2000

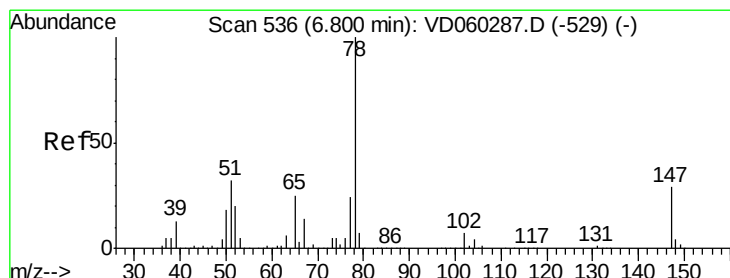
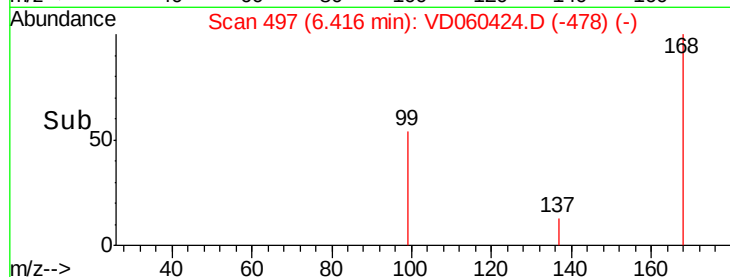
1500

1000

500

0

Time--> 6.30 6.35 6.40 6.45 6.50



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. -0.02 min

Lab File: VD060424.D

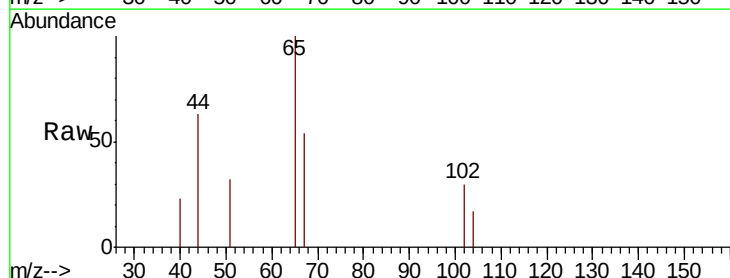
Acq: 20 Nov 2018 12:57

Tgt Ion: 65 Resp: 5165

Ion Ratio Lower Upper

65 100

67 54.3 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

2500

2000

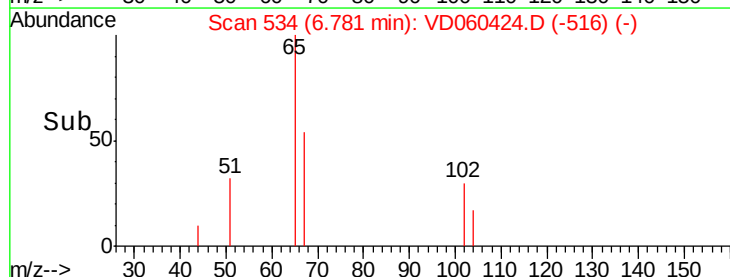
1500

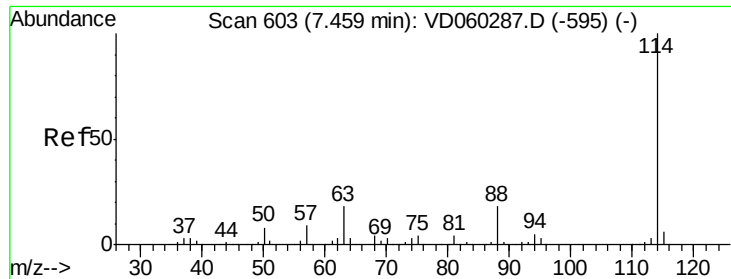
1000

500

0

Time--> 6.70 6.75 6.80 6.85

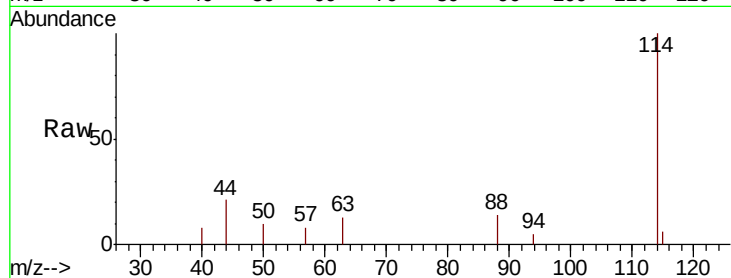




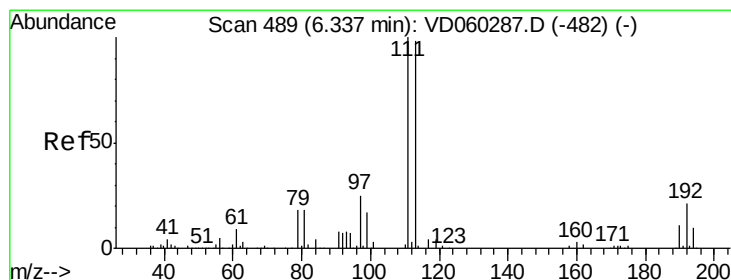
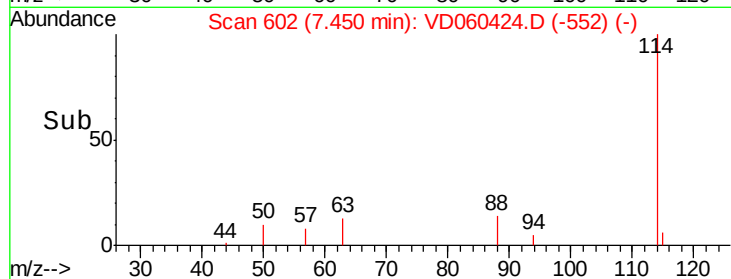
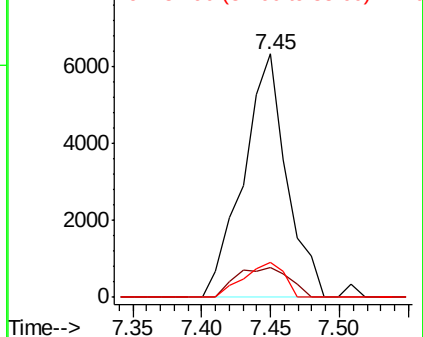
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. -0.01 min
 Lab File: VD060424.D
 Acq: 20 Nov 2018 12:57

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-02(21-23)

Tot Ion:114 Resp: 13838
 Ion Ratio Lower Upper
 114 100
 63 12.5 0.0 34.0
 88 14.4 0.0 35.4

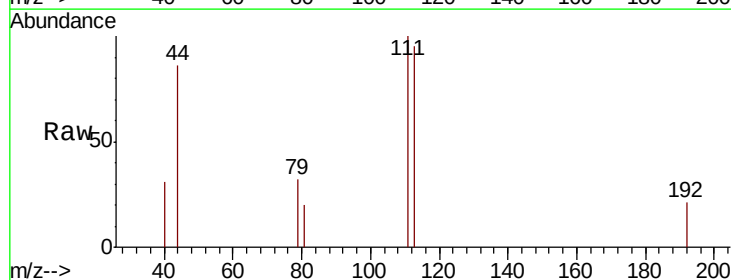


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

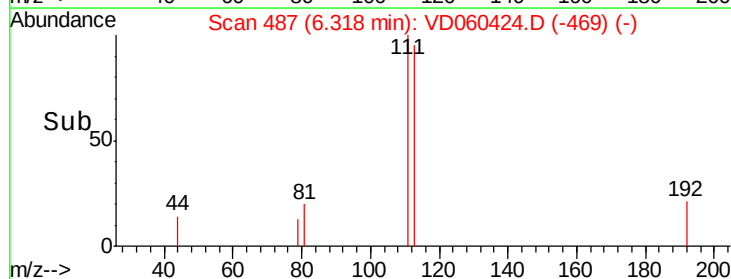
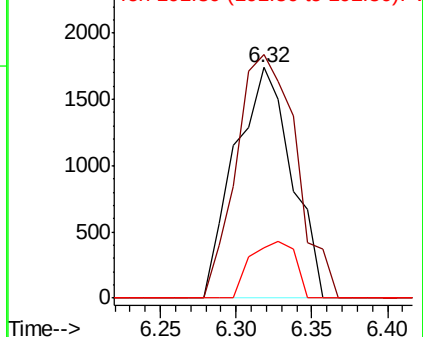


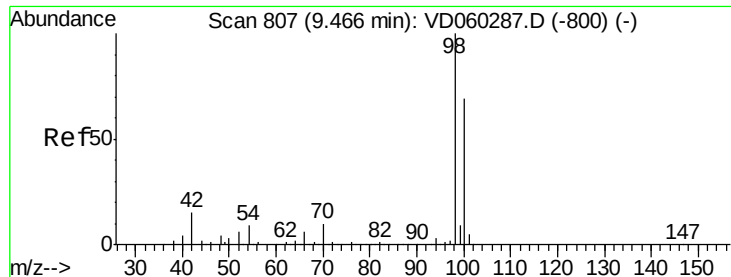
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060424.D
 Acq: 20 Nov 2018 12:57

Tgt Ion:113 Resp: 4551
 Ion Ratio Lower Upper
 113 100
 111 105.6 81.6 122.4
 192 22.0 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# 806

Delta R.T. -0.01 min

Lab File: VD060424.D

Acq: 20 Nov 2018 12:57

Instrument :

MSVOA_D

ClientSampleId :

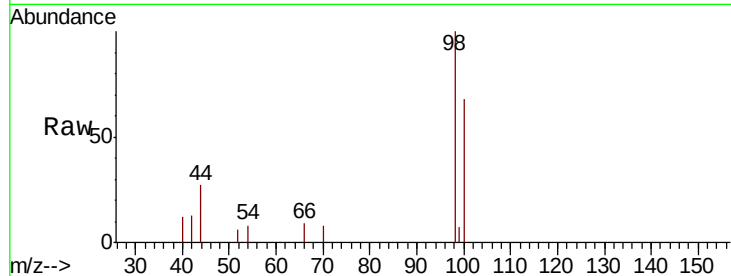
FDSB-02(21-23)

Tot Ion: 98 Resp: 12587

Ion Ratio Lower Upper

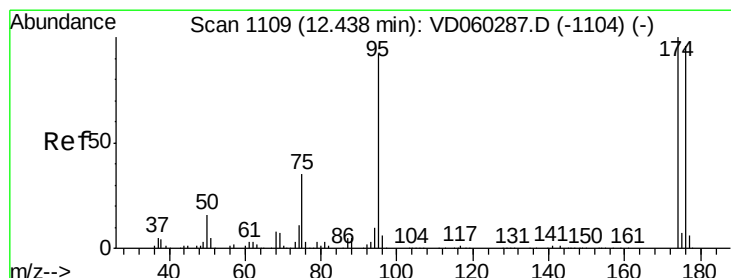
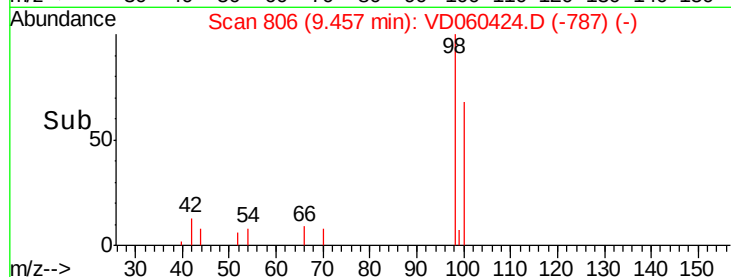
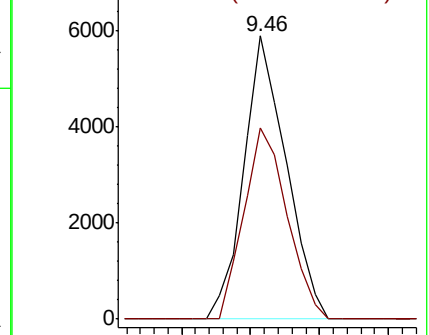
98 100

100 67.7 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: VD060424.D

Acq: 20 Nov 2018 12:57

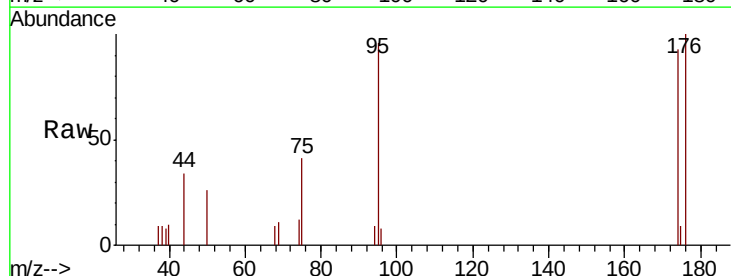
Tgt Ion: 95 Resp: 5603

Ion Ratio Lower Upper

95 100

174 96.8 0.0 160.8

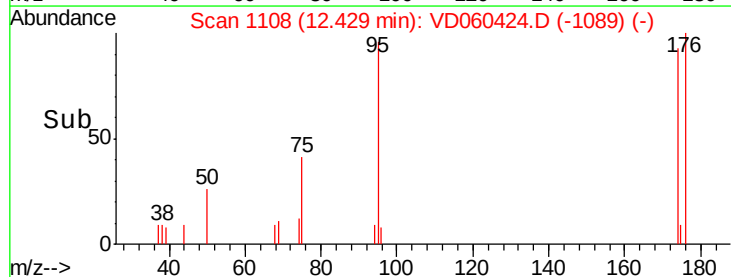
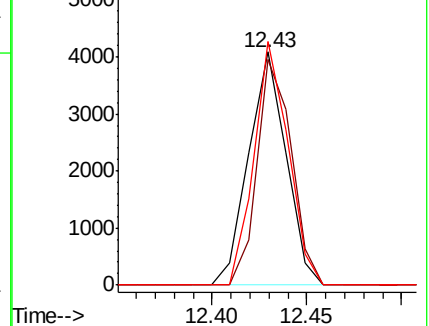
176 104.5 0.0 154.6

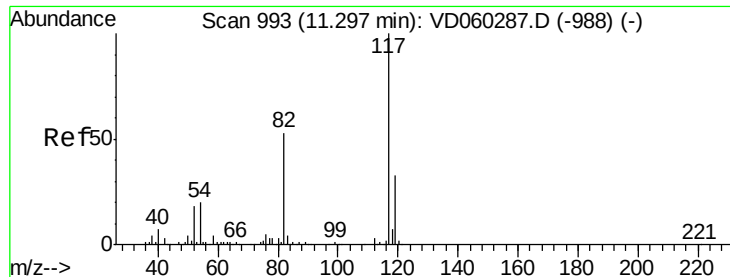


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

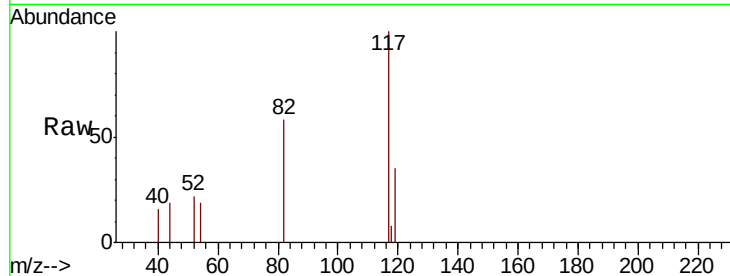




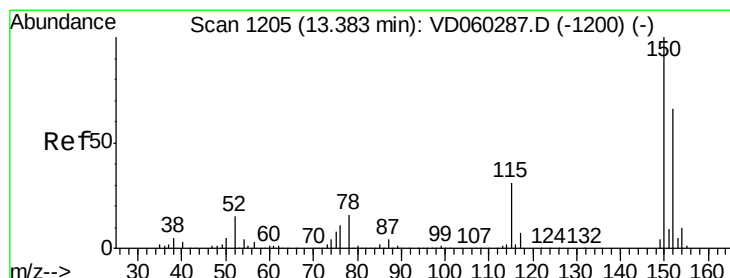
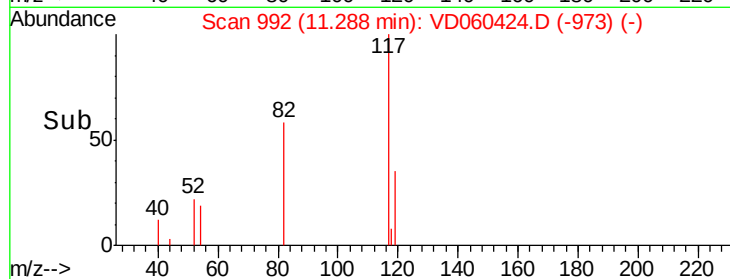
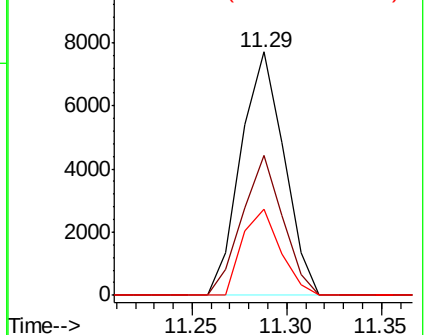
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060424.D
Acq: 20 Nov 2018 12:57

Instrument :
MSVOA_D
ClientSampleId :
FDSB-02(21-23)

Tot Ion:117 Resp: 12176
Ion Ratio Lower Upper
117 100
82 57.6 43.7 65.5
119 35.2 26.1 39.1

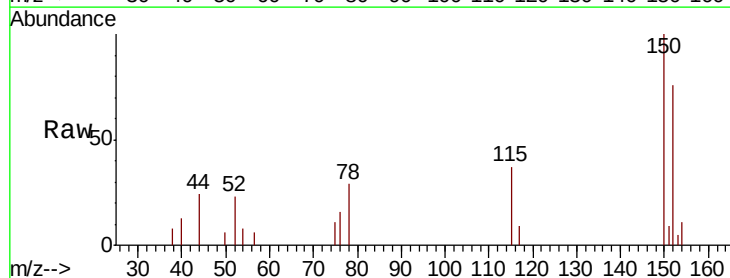


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060424.D
Acq: 20 Nov 2018 12:57

Tgt Ion:152 Resp: 5949
Ion Ratio Lower Upper
152 100
115 48.8 24.1 72.3
150 132.4 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

