

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111618\
 Data File : VD060396.D
 Acq On : 16 Nov 2018 14:18
 Operator : JC/SY
 Sample : J5911-07
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-06(10-12)

Quant Time: Nov 16 15:04:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 06 13:56:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	15233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	26211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.30	117	24376	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.39	152	13910	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	7625	69.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.82%	
35) Dibromofluoromethane	6.34	113	6925	35.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.86%	
50) Toluene-d8	9.47	98	20435	35.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.44%	
62) 4-Bromofluorobenzene	12.44	95	9501	45.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.68%	

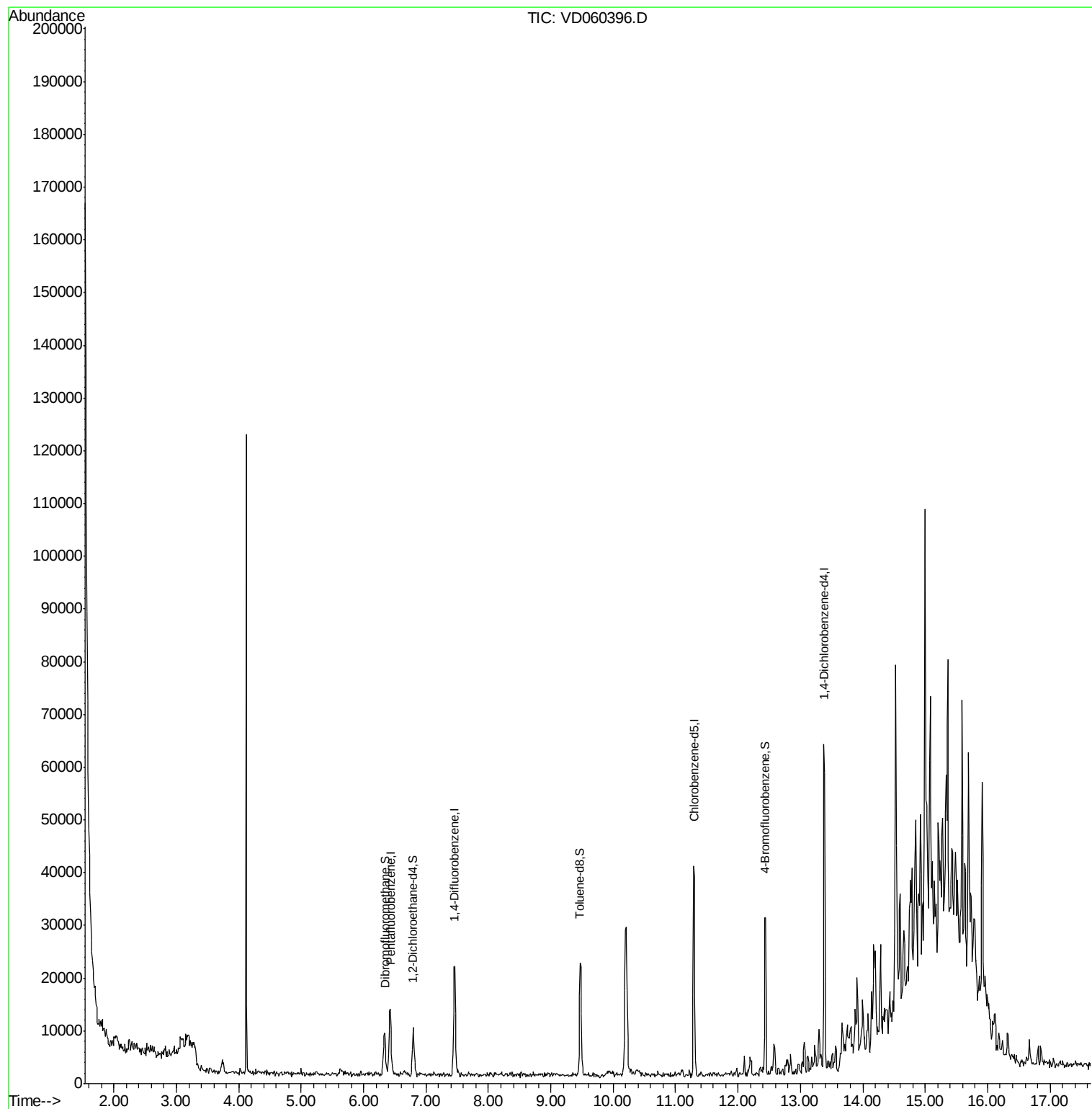
Target Compounds	Qvalue

(#) = 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: VD060396.D

Acq: 16 Nov 2018 14:18

Instrument :

MSVOA_D

ClientSampleId :

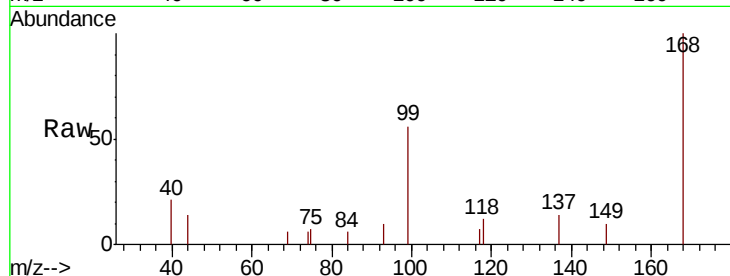
FDSB-06(10-12)

Tot Ion:168 Resp: 15233

Ion Ratio Lower Upper

168 100

99 55.7 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

5000

4000

3000

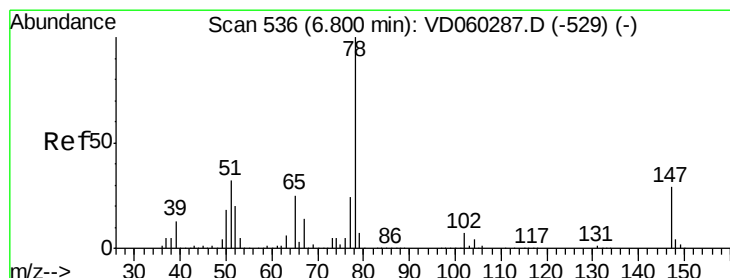
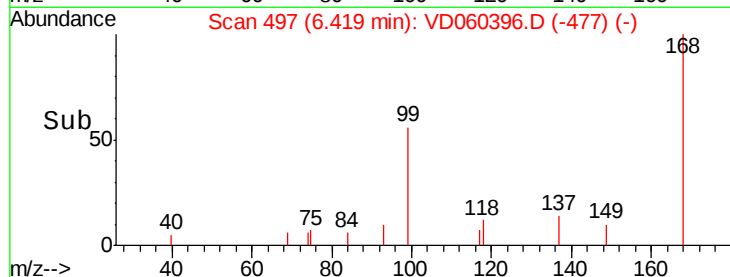
2000

1000

0

6.35 6.40 6.45 6.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060396.D

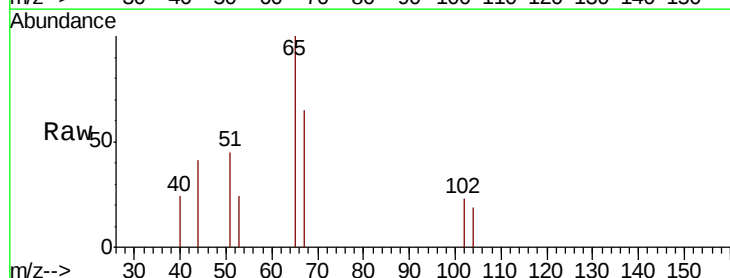
Acq: 16 Nov 2018 14:18

Tgt Ion: 65 Resp: 7625

Ion Ratio Lower Upper

65 100

67 65.0 0.0 109.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.79

3000

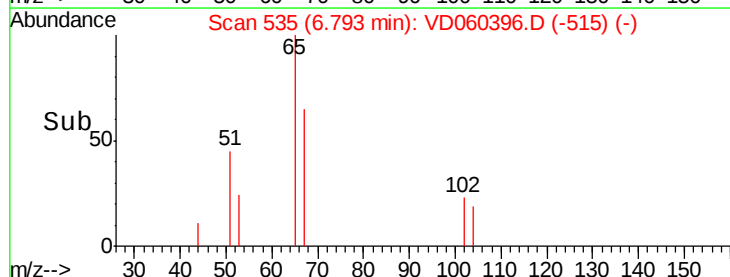
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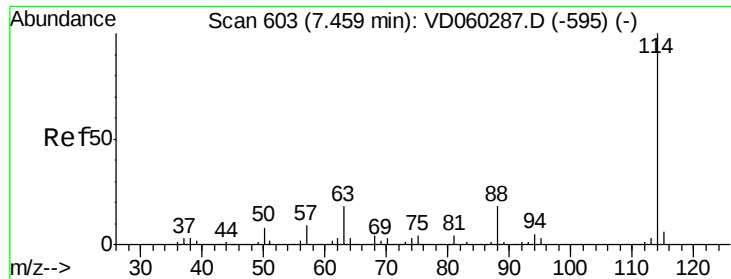
1000

0

6.70 6.75 6.80 6.85 6.90

Time-->

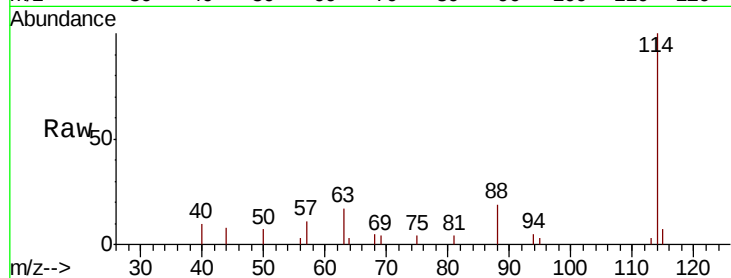




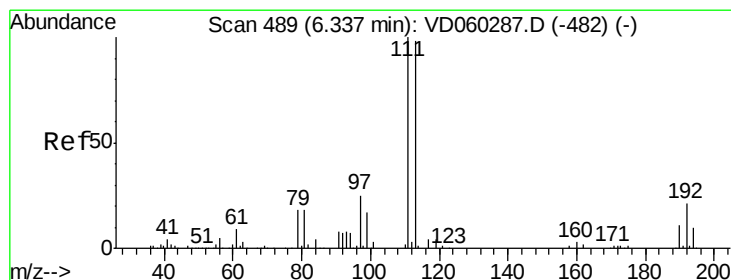
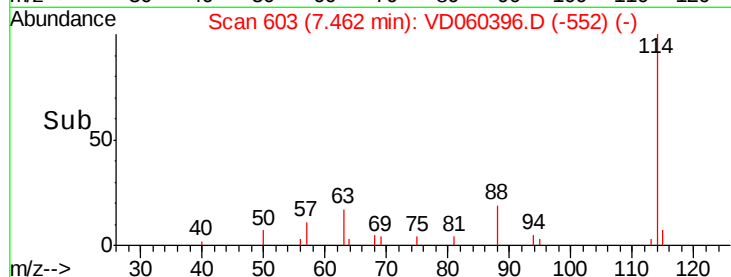
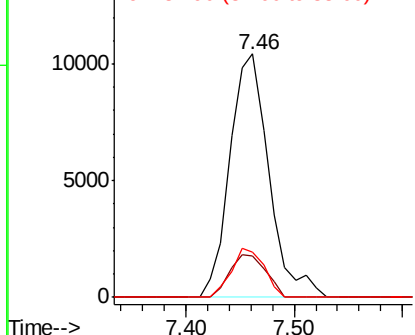
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.46 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VD060396.D
 Acq: 16 Nov 2018 14:18

Instrument :
 MSVOA_D
 ClientSampleId :
 FDSB-06(10-12)

Tot Ion:114 Resp: 26211
 Ion Ratio Lower Upper
 114 100
 63 17.1 0.0 34.0
 88 18.6 0.0 35.4

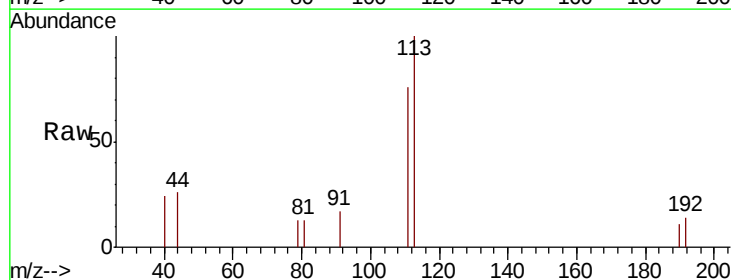


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

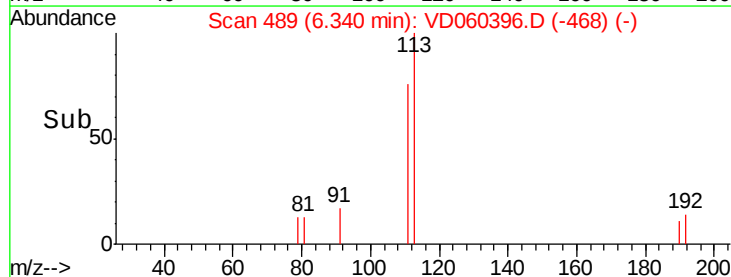
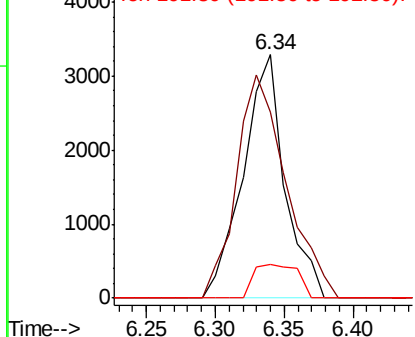


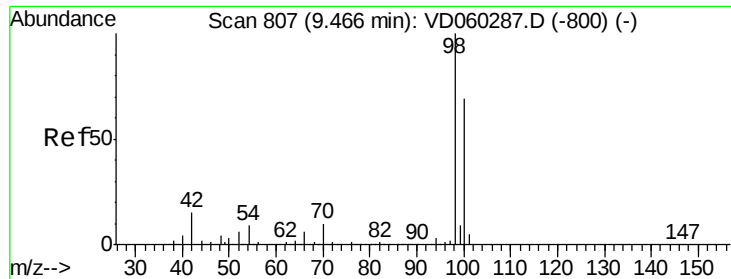
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.00 min
 Lab File: VD060396.D
 Acq: 16 Nov 2018 14:18

Tgt Ion:113 Resp: 6925
 Ion Ratio Lower Upper
 113 100
 111 76.4 81.6 122.4#
 192 13.6 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: 9.47 min Scan# 807

Delta R.T. 0.00 min

Lab File: VD060396.D

Acq: 16 Nov 2018 14:18

Instrument :

MSVOA_D

ClientSampleId :

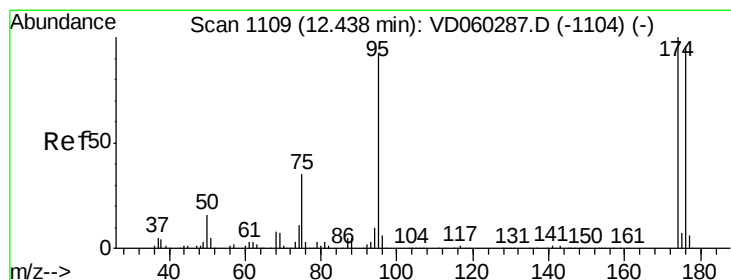
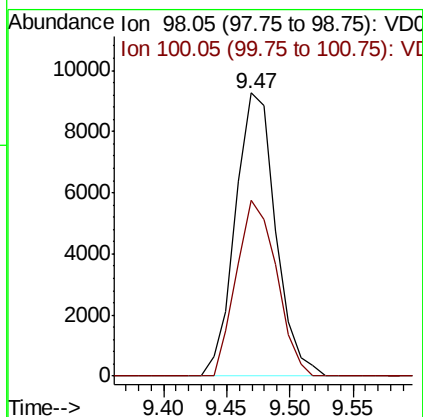
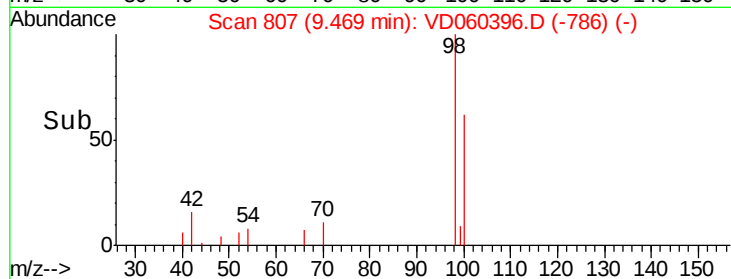
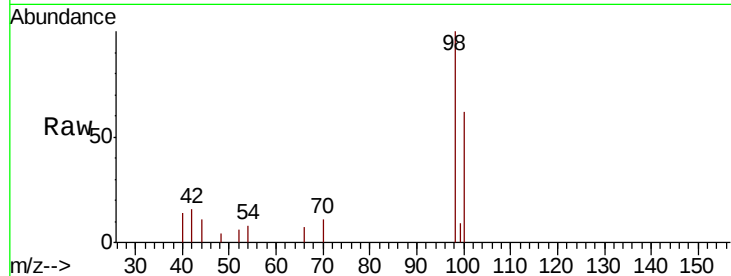
FDSB-06(10-12)

Tot Ion: 98 Resp: 20435

Ion Ratio Lower Upper

98 100

100 62.2 55.2 82.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.44 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VD060396.D

Acq: 16 Nov 2018 14:18

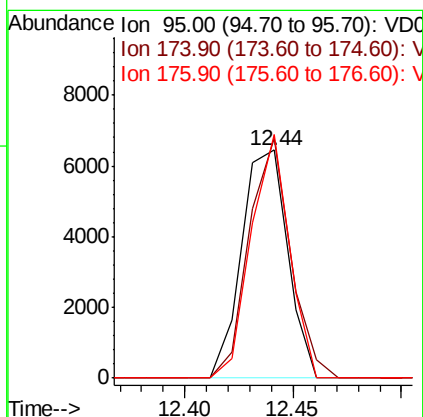
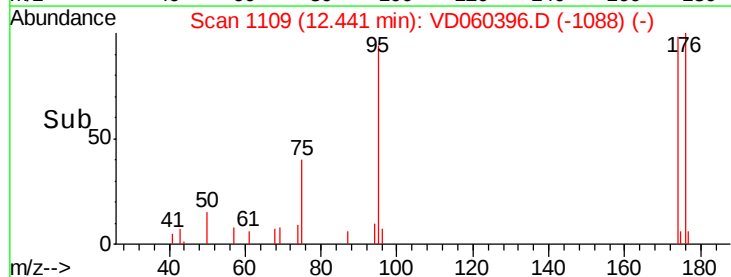
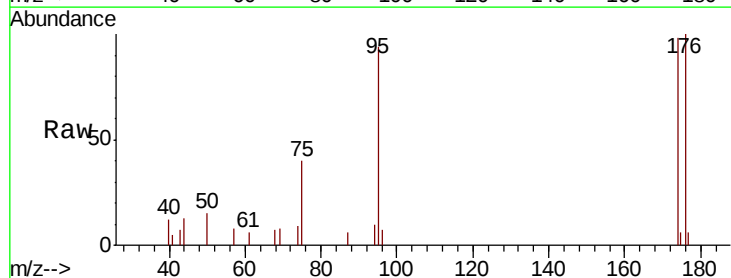
Tgt Ion: 95 Resp: 9501

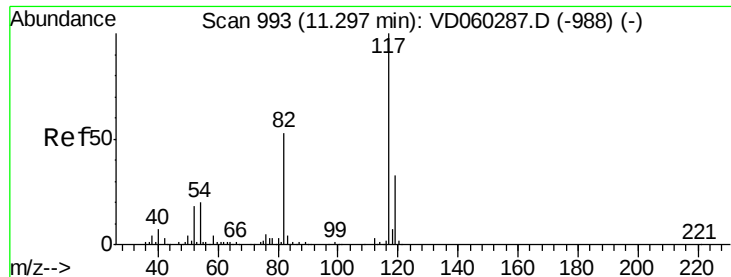
Ion Ratio Lower Upper

95 100

174 105.2 0.0 160.8

176 106.9 0.0 154.6

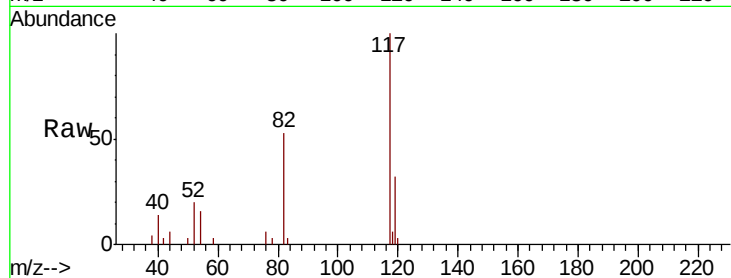




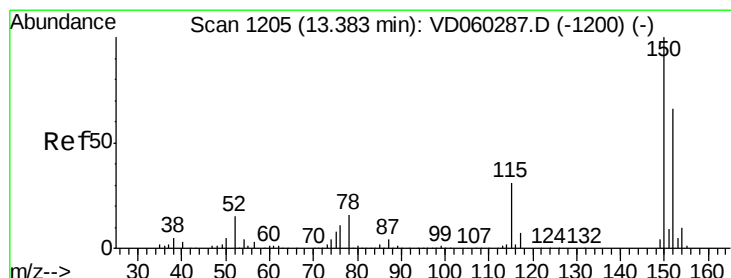
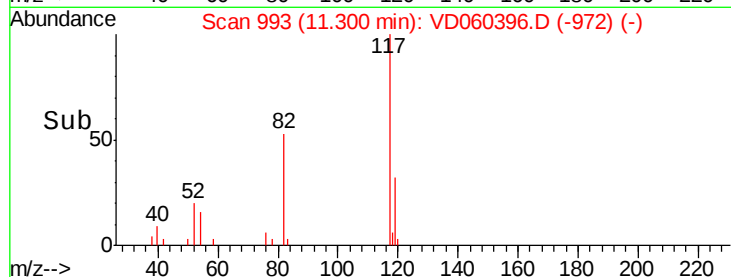
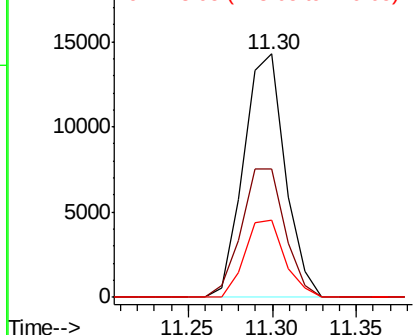
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.00 min
Lab File: VD060396.D
Acq: 16 Nov 2018 14:18

Instrument :
MSVOA_D
ClientSampleId :
FDSB-06(10-12)

Tot Ion:117 Resp: 24376
Ion Ratio Lower Upper
117 100
82 52.8 43.7 65.5
119 31.8 26.1 39.1

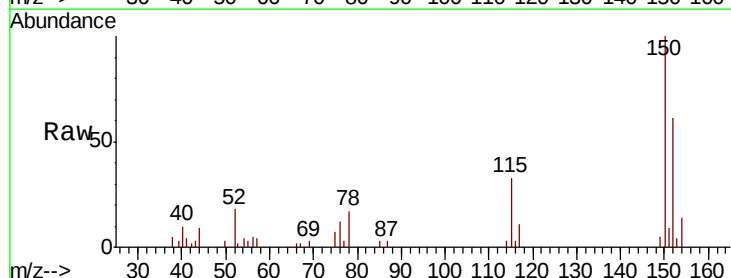


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.39 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060396.D
Acq: 16 Nov 2018 14:18

Tgt Ion:152 Resp: 13910
Ion Ratio Lower Upper
152 100
115 53.4 24.1 72.3
150 163.5 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

