

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111918\
 Data File : VD060412.D
 Acq On : 19 Nov 2018 12:53
 Operator : JC/SY
 Sample : VD1119SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1119SBL01

Quant Time: Nov 20 13:57:44 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	1406644	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.44	114	1943930	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.29	117	1550516	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	768303	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	496651	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
35) Dibromofluoromethane	6.33	113	729413	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	9.46	98	2069922	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.43	95	758048	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

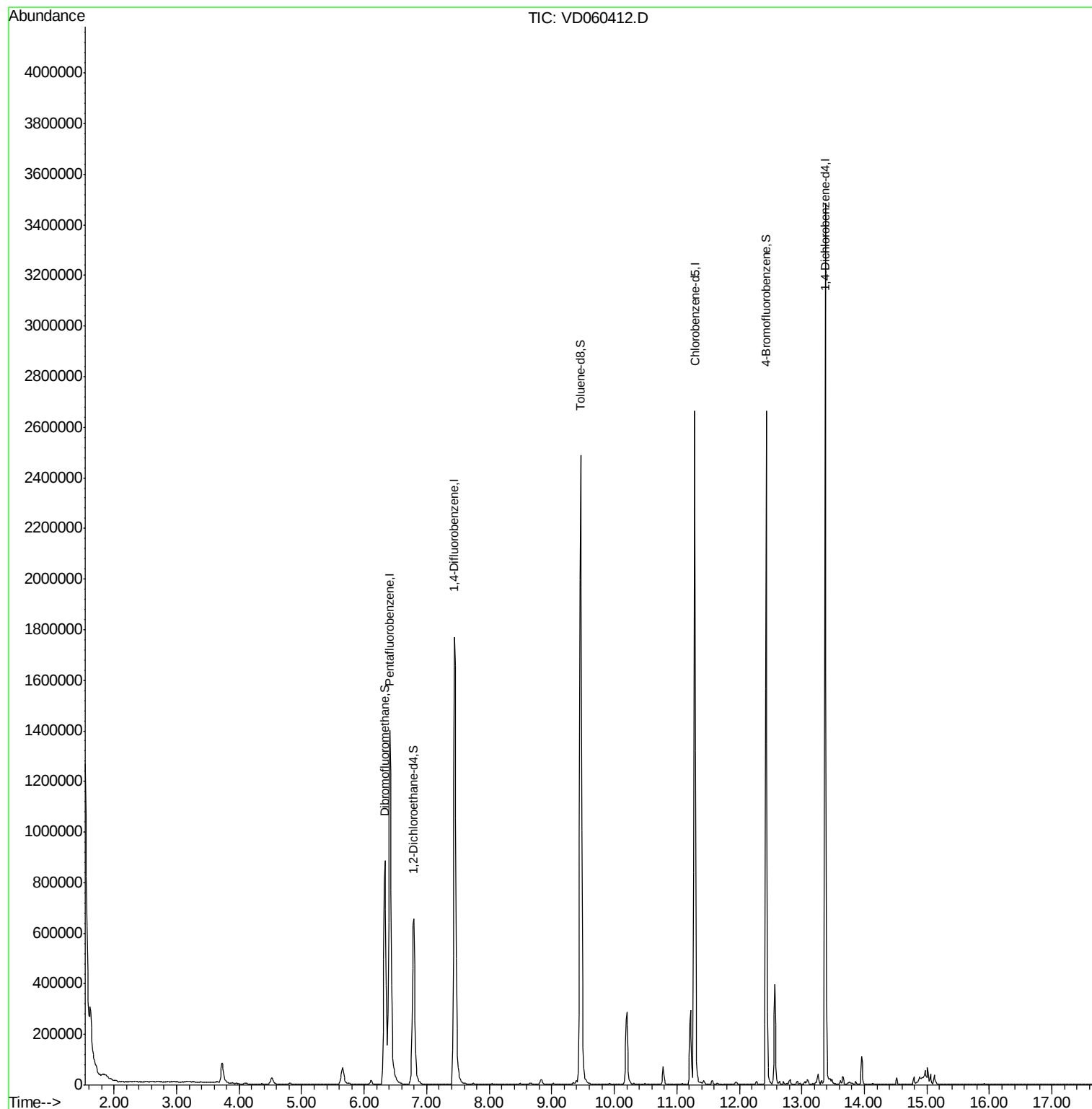
Target Compounds	Qvalue

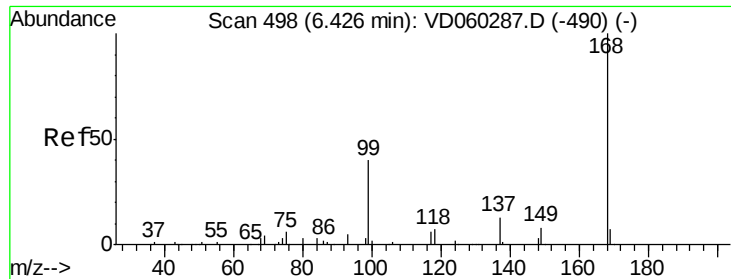
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. -0.02 min

Lab File: VD060412.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_D

ClientSampleId :

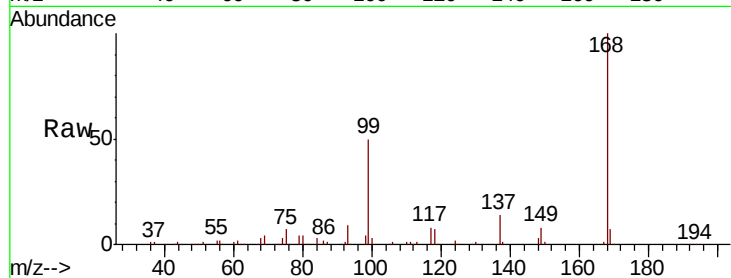
VD1119SBL01

Tot Ion:168 Resp: 1406644

Ion Ratio Lower Upper

168 100

99 50.0 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

500000

400000

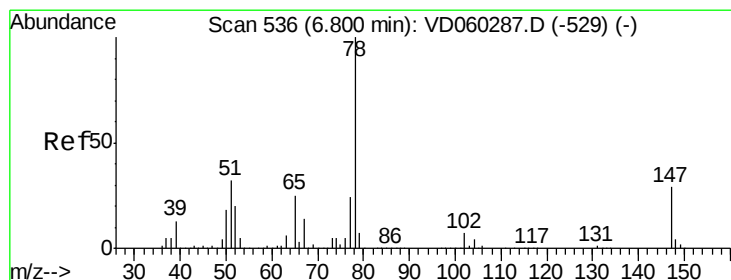
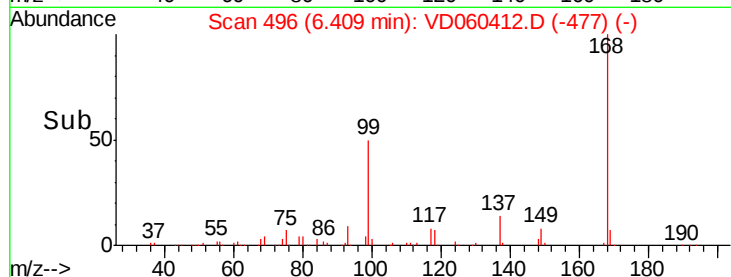
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060412.D

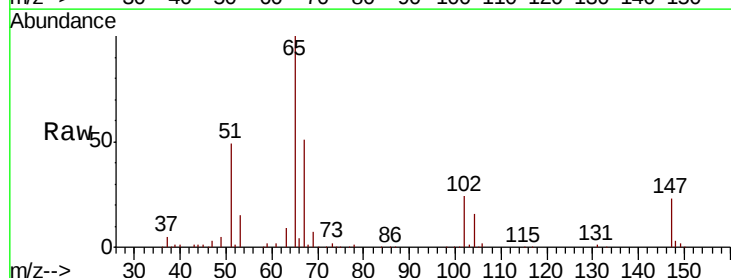
Acq: 19 Nov 2018 12:53

Tgt Ion: 65 Resp: 496651

Ion Ratio Lower Upper

65 100

67 51.1 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

200000

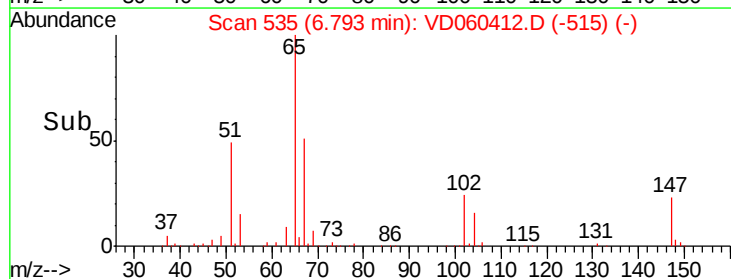
150000

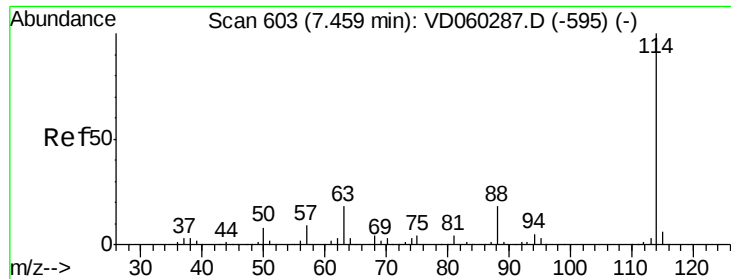
100000

50000

0

Time-->

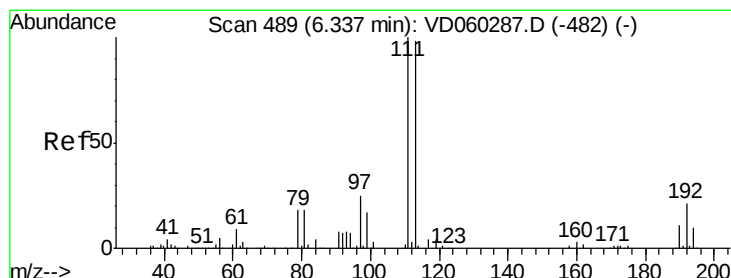
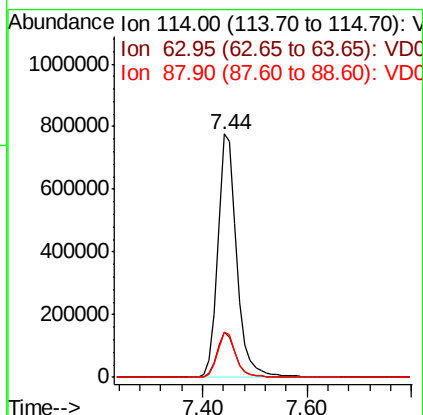
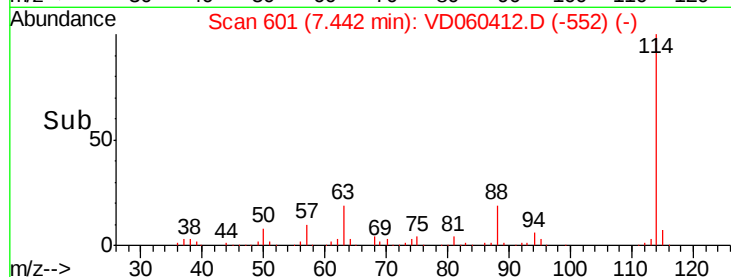
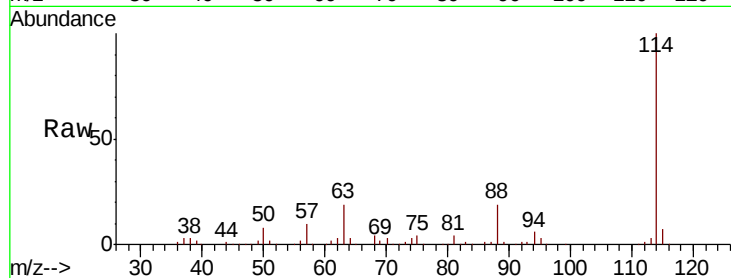




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.44 min Scan# 601
Delta R.T. -0.02 min
Lab File: VD060412.D
Acq: 19 Nov 2018 12:53

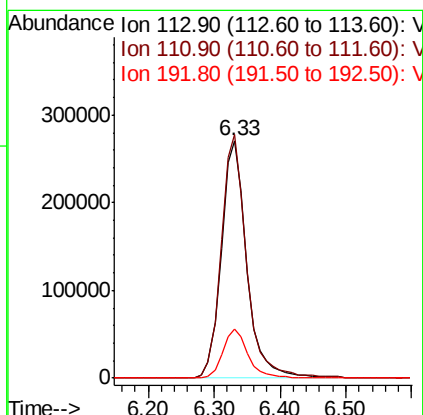
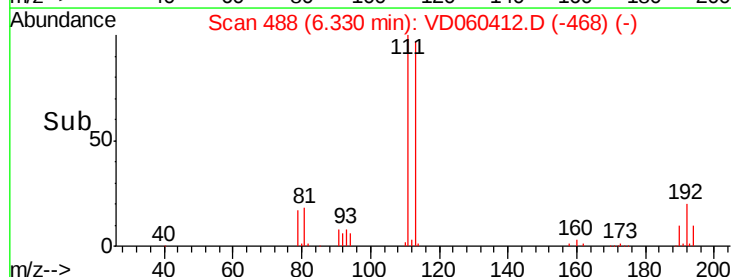
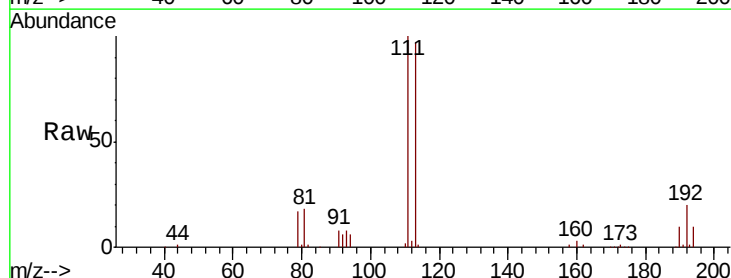
Instrument :
MSVOA_D
ClientSampleId :
VD1119SBL01

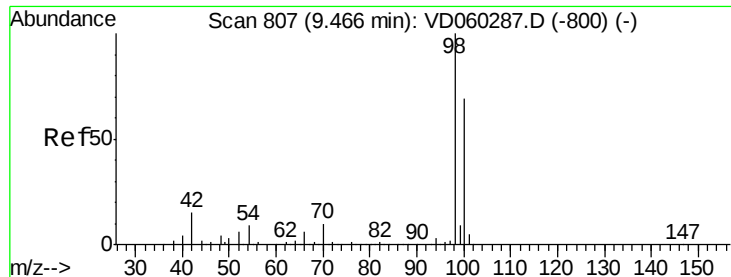
Tot Ion:114 Resp: 1943930
Ion Ratio Lower Upper
114 100
63 18.6 0.0 34.0
88 18.5 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.33 min Scan# 488
Delta R.T. -0.01 min
Lab File: VD060412.D
Acq: 19 Nov 2018 12:53

Tgt Ion:113 Resp: 729413
Ion Ratio Lower Upper
113 100
111 102.6 81.6 122.4
192 20.6 16.5 24.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.46 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060412.D

Acq: 19 Nov 2018 12:53

Instrument :

MSVOA_D

ClientSampleId :

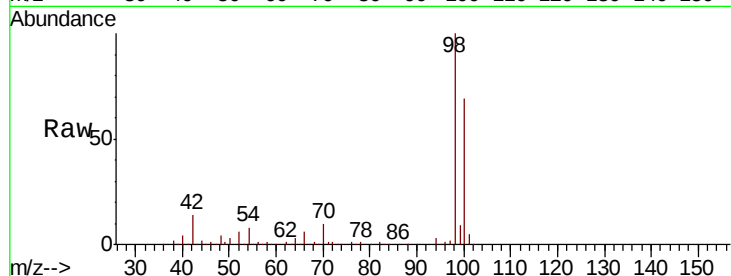
VD1119SBL01

Tot Ion: 98 Resp: 2069922

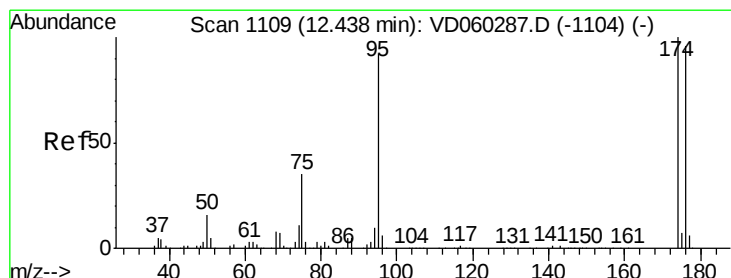
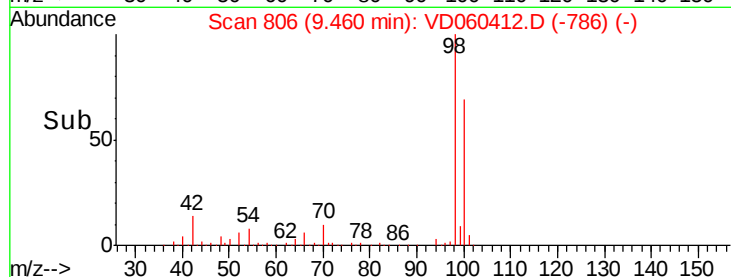
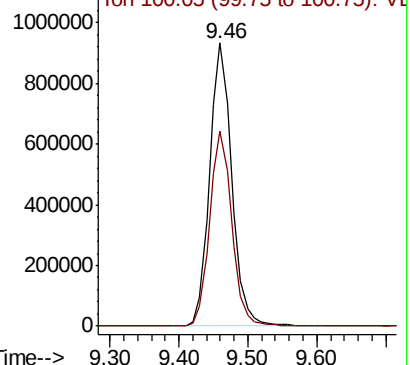
Ion Ratio Lower Upper

98 100

100 68.7 55.2 82.8



Abundance Ion 98.05 (97.75 to 98.75): VD060412.D (-786) (-)



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060412.D

Acq: 19 Nov 2018 12:53

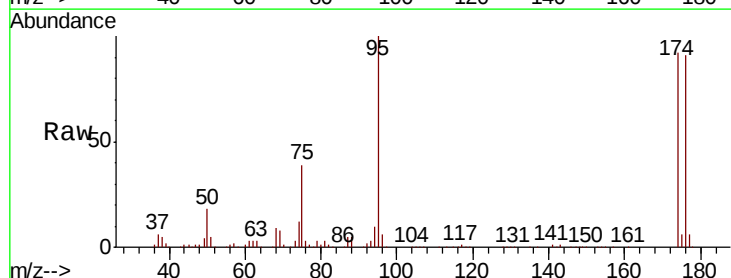
Tgt Ion: 95 Resp: 758048

Ion Ratio Lower Upper

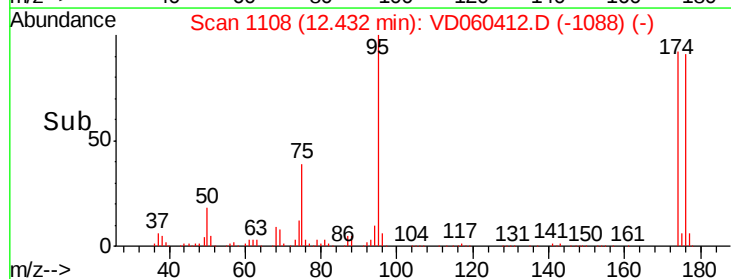
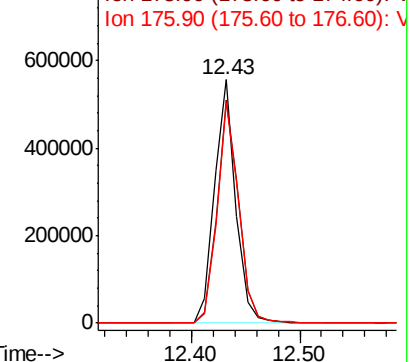
95 100

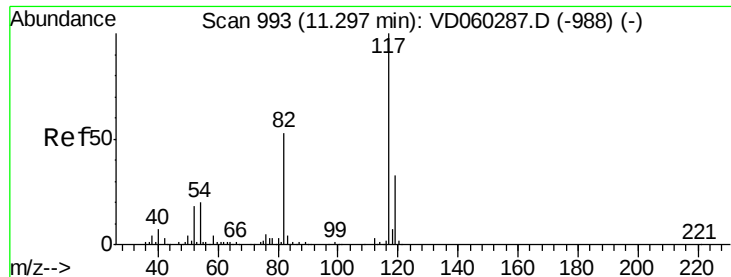
174 91.6 0.0 160.8

176 90.7 0.0 154.6



Abundance Ion 95.00 (94.70 to 95.70): VD060412.D (-1088) (-)

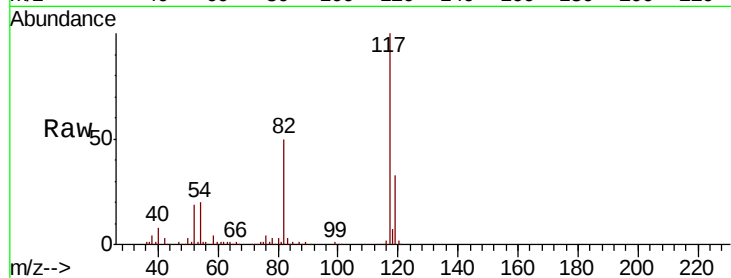




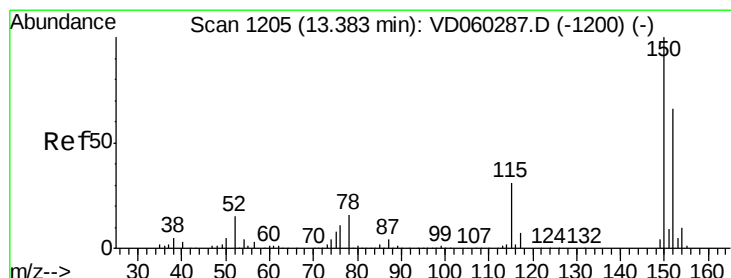
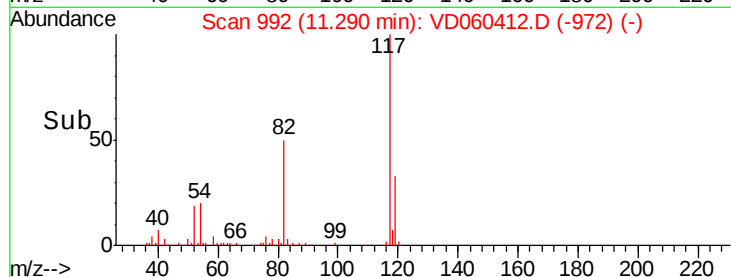
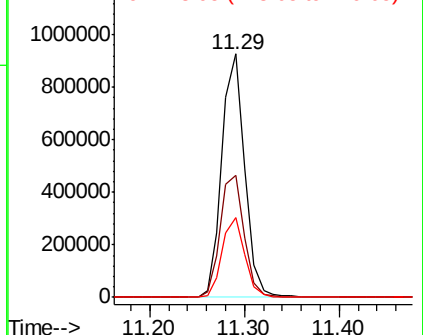
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. -0.01 min
Lab File: VD060412.D
Acq: 19 Nov 2018 12:53

Instrument :
MSVOA_D
ClientSampleId :
VD1119SBL01

Tot Ion:117 Resp: 1550516
Ion Ratio Lower Upper
117 100
82 50.3 43.7 65.5
119 32.8 26.1 39.1

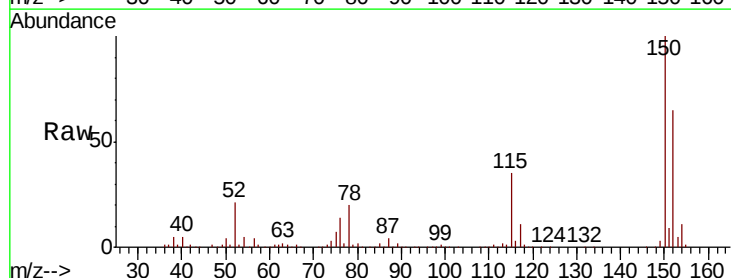


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060412.D
Acq: 19 Nov 2018 12:53

Tgt Ion:152 Resp: 768303
Ion Ratio Lower Upper
152 100
115 54.1 24.1 72.3
150 154.8 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

