

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032819\
 Data File : VD061417.D
 Acq On : 29 Mar 2019 5:43
 Operator : VA/AP
 Sample : K2107-17
 Misc : 5.30g/5ml/MSVOA D/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9

Quant Time: Mar 29 06:44:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	973	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.22	114	2134	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	1195	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	395	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		0.00	65	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
35) Dibromofluoromethane		0.00	113	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	
50) Toluene-d8		10.41	98	1975	50.49	ug/l	0.03
Spiked Amount	50.000			Recovery	=	100.98%	
62) 4-Bromofluorobenzene		0.00	95	0	0.00	ug/l	
Spiked Amount	50.000			Recovery	=	0.00%	

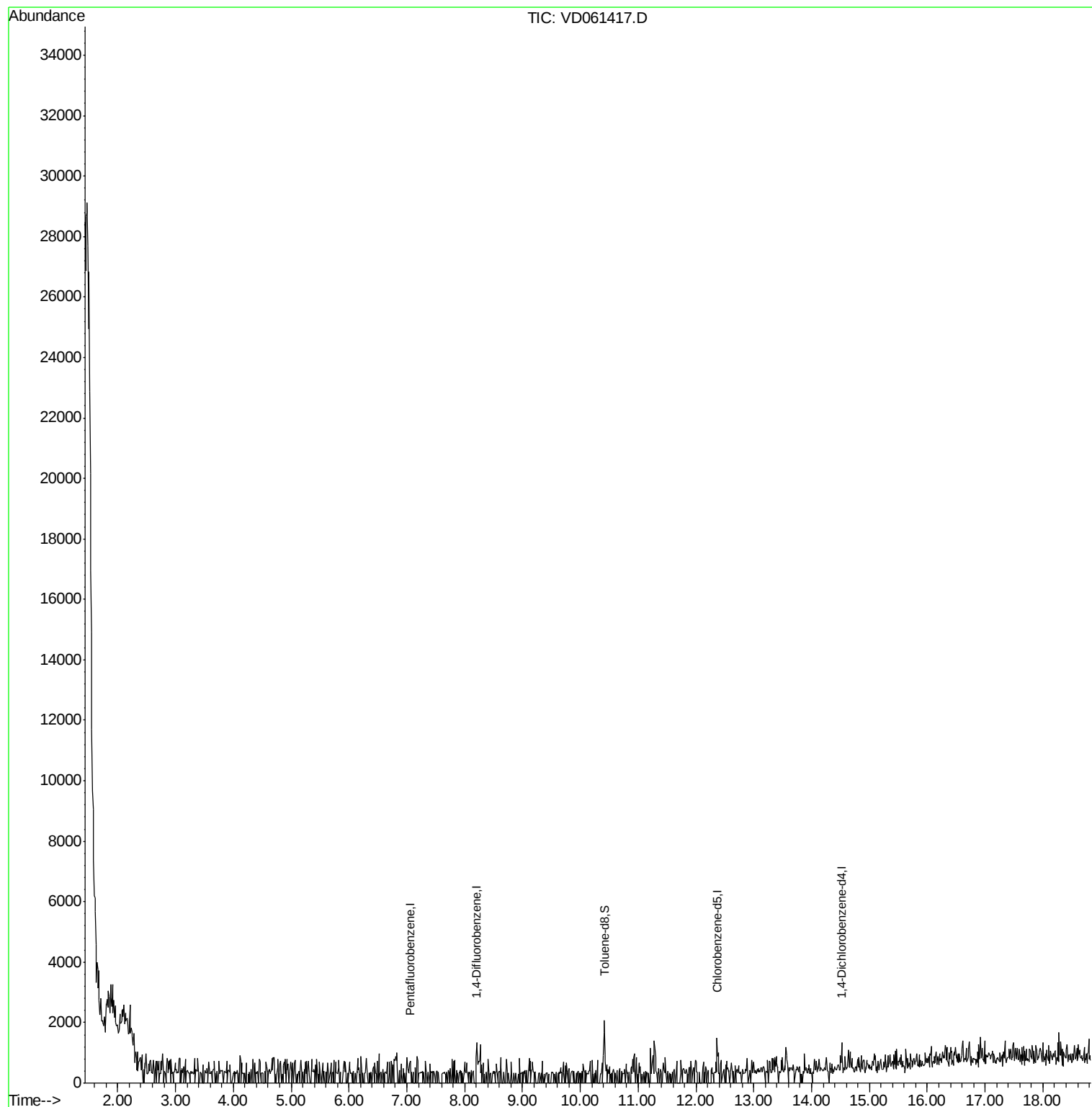
Target Compounds	Qvalue
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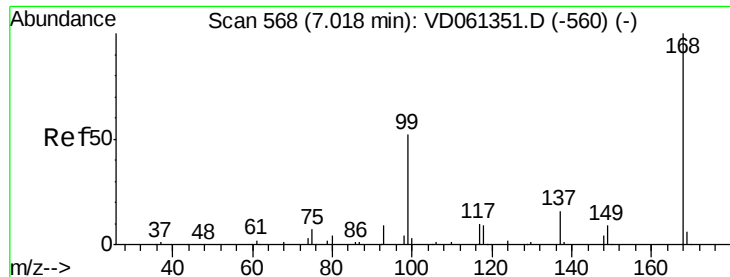
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.05 min

Lab File: VD061417.D

Acq: 29 Mar 2019 5:43

Instrument :

MSVOA_D

ClientSampleId :

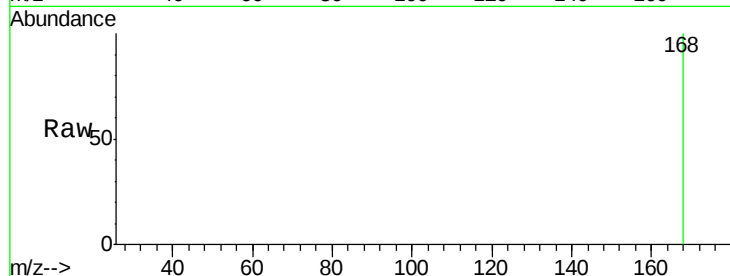
TP-9

Tot Ion:168 Resp: 973

Ion Ratio Lower Upper

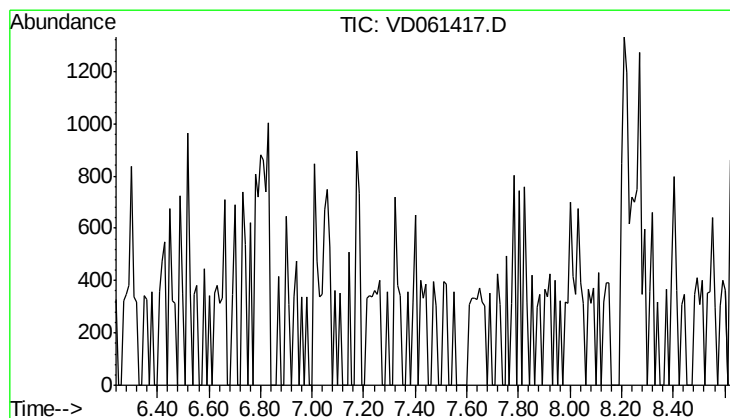
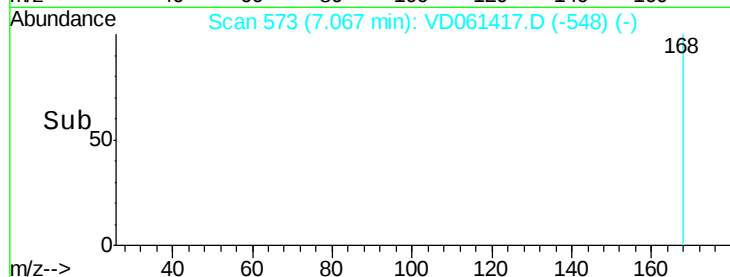
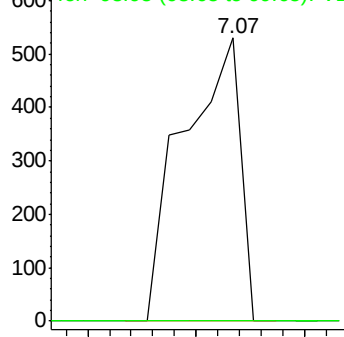
168 100

99 0.0 43.1 64.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VD0



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 7.43 min

Lab File: VD061417.D

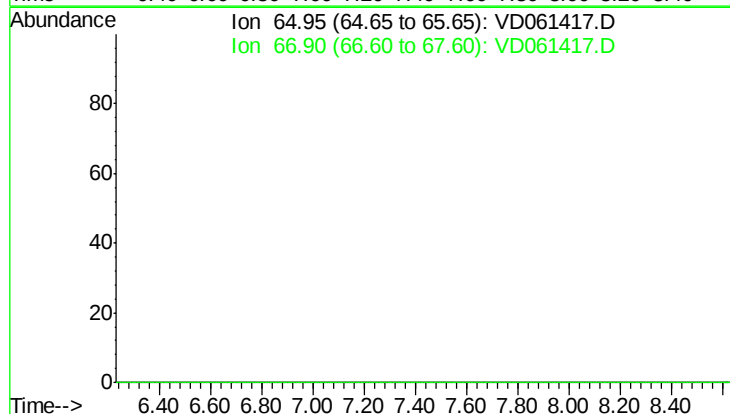
Acq: 29 Mar 2019 5:43

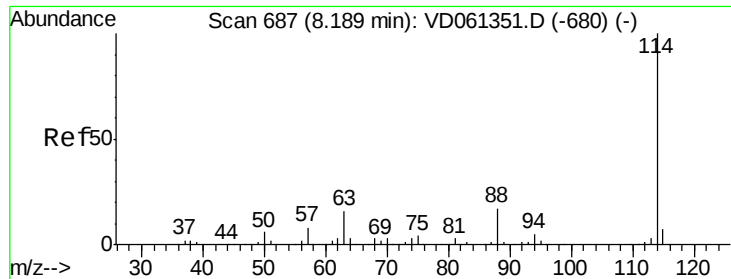
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.9





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD061417.D

Acq: 29 Mar 2019 5:43

Instrument :

MSVOA_D

ClientSampleId :

TP-9

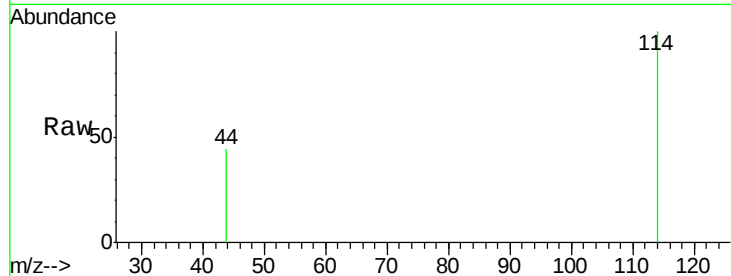
Tot Ion:114 Resp: 2134

Ion Ratio Lower Upper

114 100

63 0.0 0.0 31.6

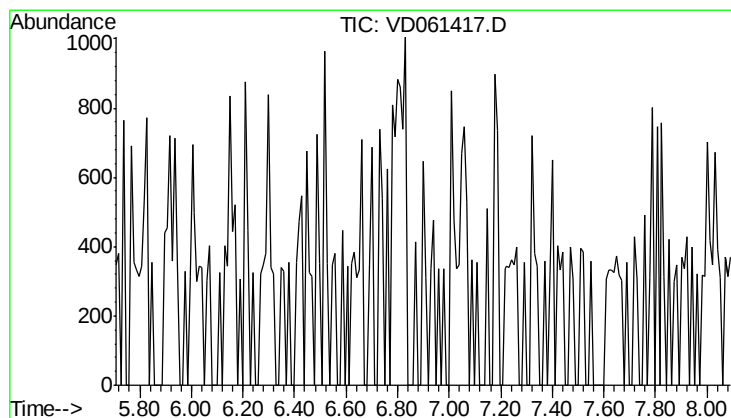
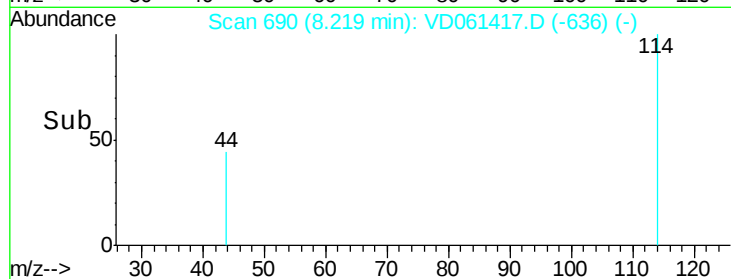
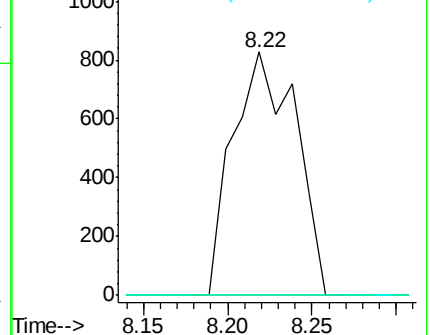
88 0.0 0.0 33.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VD0

Ion 87.90 (87.60 to 88.60): VD0



#35

Dibromofluoromethane

Concen: 50.000 ug/l

Expected RT: 6.90 min

Lab File: VD061417.D

Acq: 29 Mar 2019 5:43

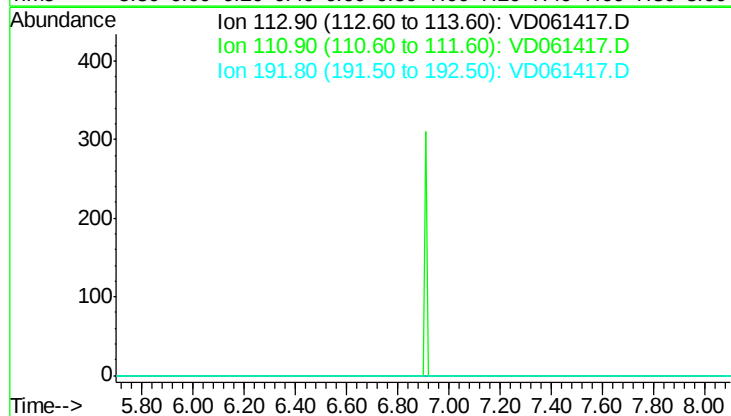
Tgt Ion: 113

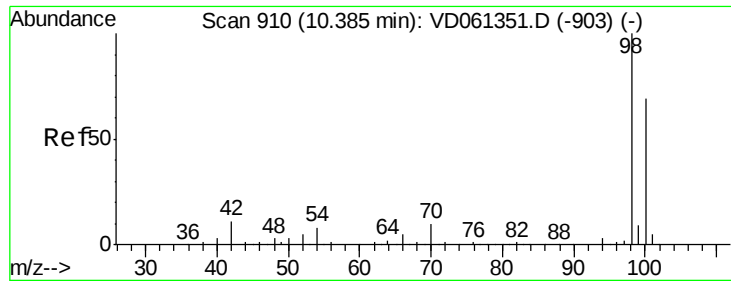
Sig Exp Ratio

113 100

111 101.3

192 18.0





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.03 min

Lab File: VD061417.D

Acq: 29 Mar 2019 5:43

Instrument :

MSVOA_D

ClientSampled :

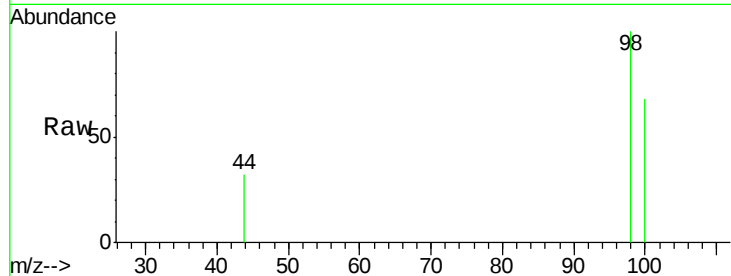
TP-9

Tot Ion: 98 Resp: 1975

Ion Ratio Lower Upper

98 100

100 67.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061417.D

Ion 100.05 (99.75 to 100.75): VD061417.D

10.41

1000

800

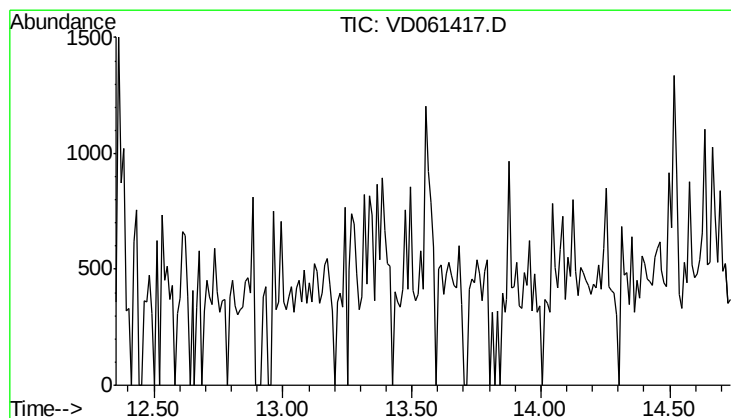
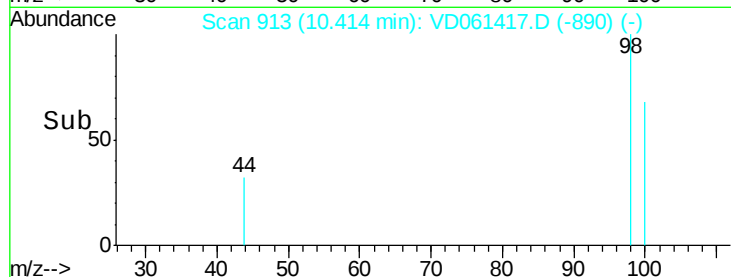
600

400

200

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

Expected RT: 13.54 min

Lab File: VD061417.D

Acq: 29 Mar 2019 5:43

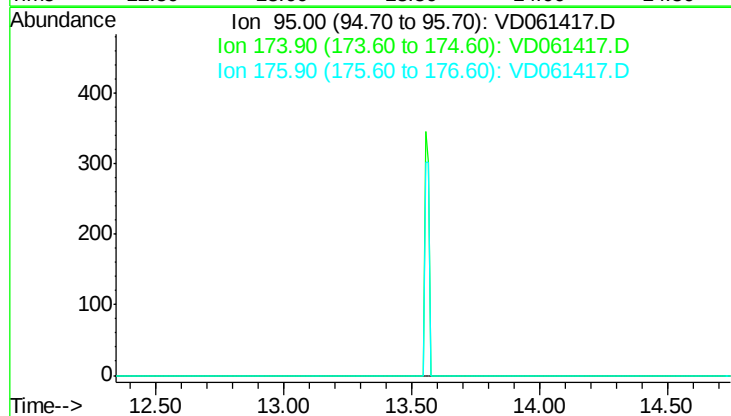
Tgt Ion: 95

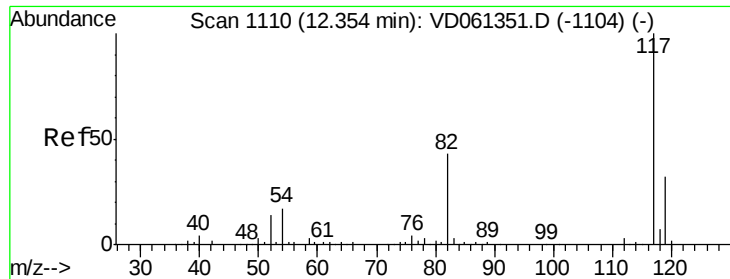
Sig Exp Ratio

95 100

174 89.0

176 87.5

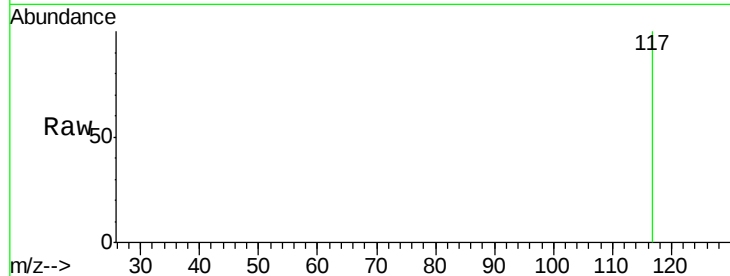




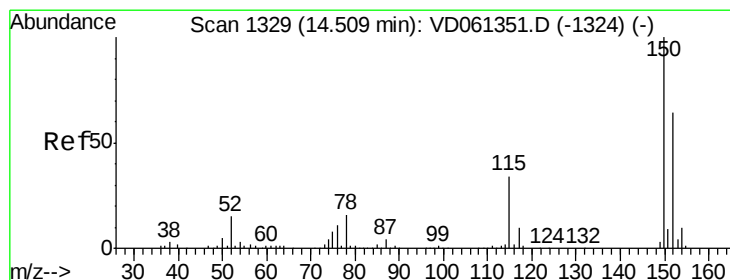
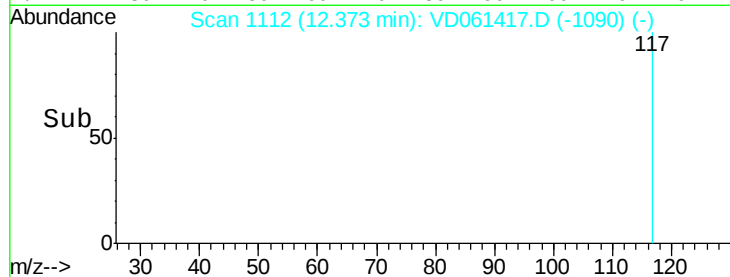
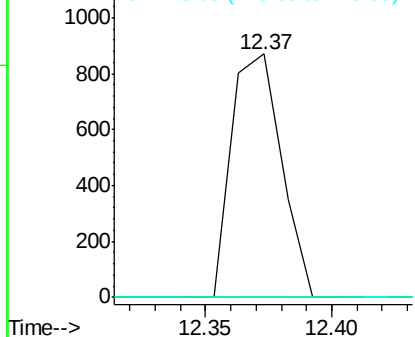
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061417.D
Acq: 29 Mar 2019 5:43

Instrument :
MSVOA_D
ClientSampleId :
TP-9

Tot Ion:117 Resp: 1195
Ion Ratio Lower Upper
117 100
82 0.0 34.4 51.6#
119 0.0 25.8 38.6#

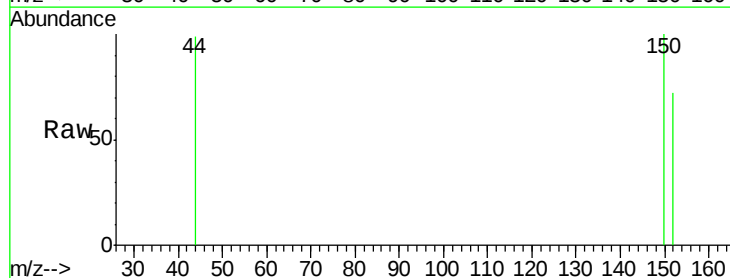


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061417.D
Acq: 29 Mar 2019 5:43

Tgt Ion:152 Resp: 395
Ion Ratio Lower Upper
152 100
115 0.0 26.9 80.6#
150 139.5 0.0 318.0



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

