

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062411.D
 Acq On : 16 May 2019 12:08
 Operator : FY/SY
 Sample : VD0516SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBL01

Quant Time: May 17 02:36:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	730760	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	982632	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.38	117	813534	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	413472	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	327795	48.27	ug/l	0.03
Spiked Amount	50.000		Recovery	=	96.54%	
35) Dibromofluoromethane	6.93	113	404109	49.57	ug/l	0.04
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.42	98	844506	42.96	ug/l	0.02
Spiked Amount	50.000		Recovery	=	85.92%	
62) 4-Bromofluorobenzene	13.56	95	372558	47.20	ug/l	0.01
Spiked Amount	50.000		Recovery	=	94.40%	

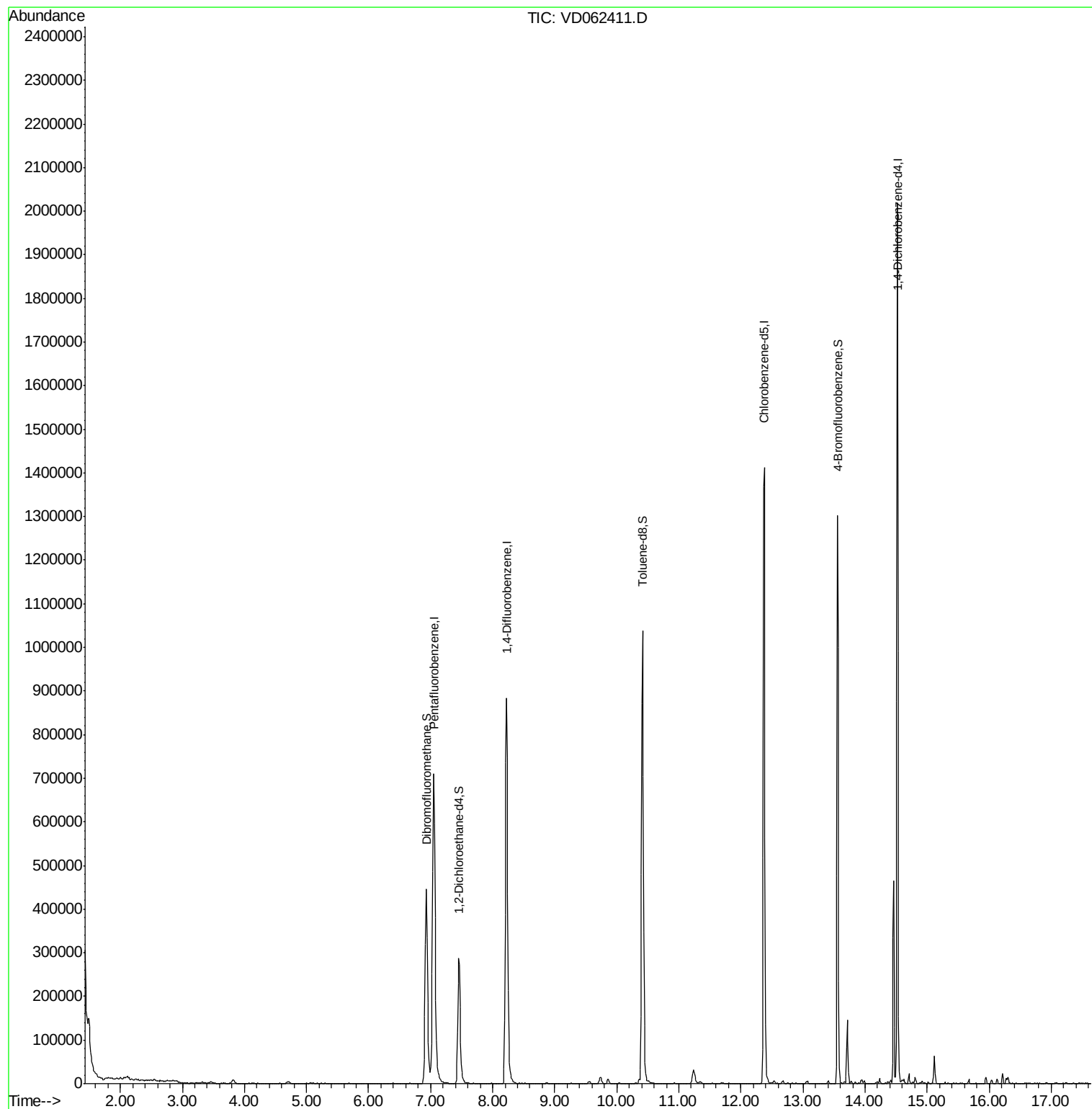
Target Compounds	Qvalue

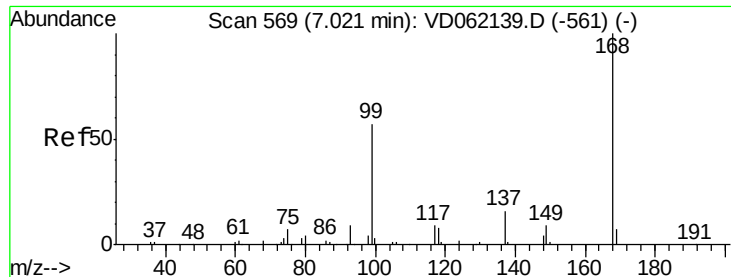
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062411.D

Acq: 16 May 2019 12:08

Instrument :

MSVOA_D

ClientSampleId :

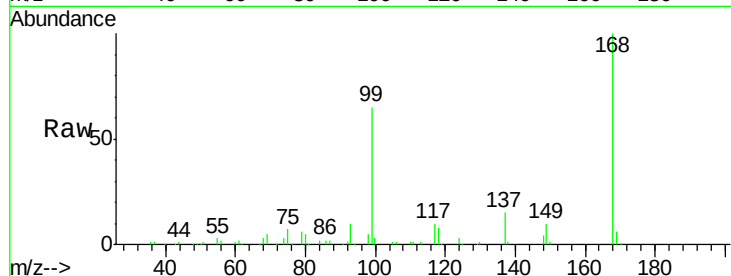
VD0516SBL01

Tot Ion:168 Resp: 730760

Ion Ratio Lower Upper

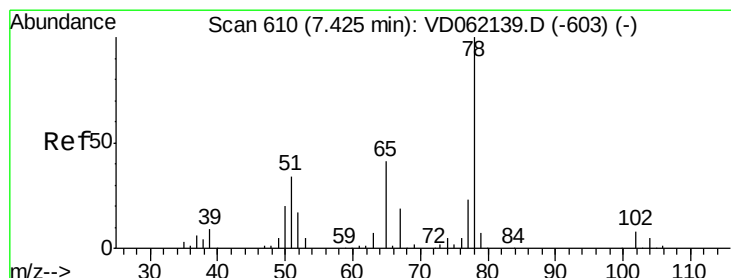
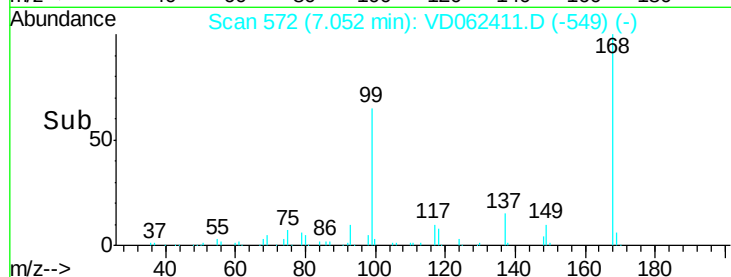
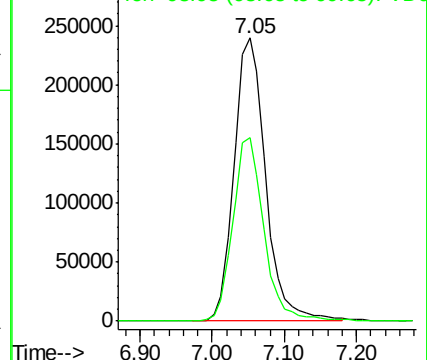
168 100

99 64.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 48.269 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062411.D

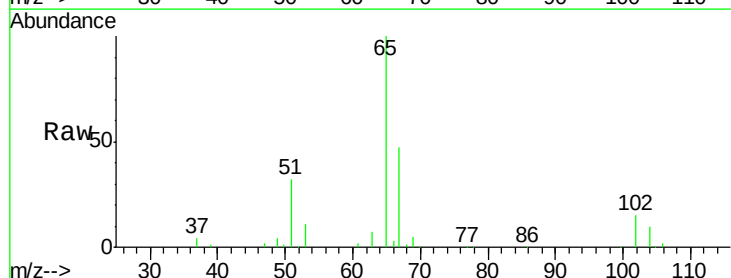
Acq: 16 May 2019 12:08

Tgt Ion: 65 Resp: 327795

Ion Ratio Lower Upper

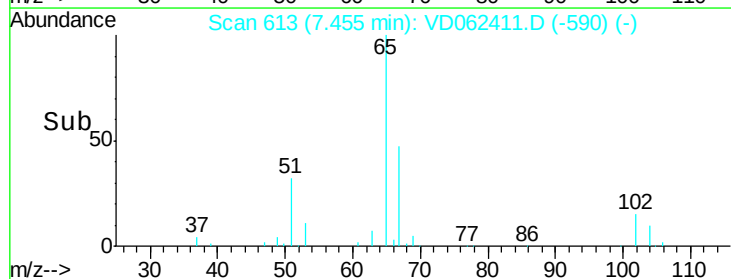
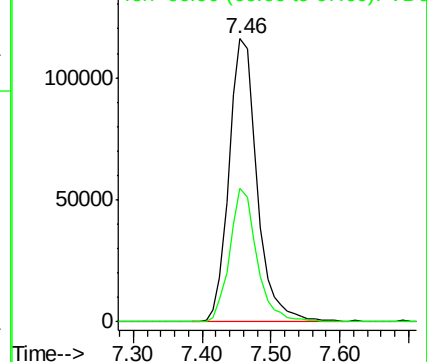
65 100

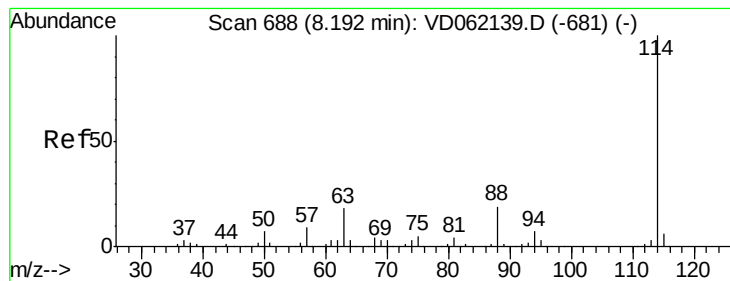
67 47.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. 0.03 min

Lab File: VD062411.D

Acq: 16 May 2019 12:08

Instrument :

MSVOA_D

ClientSampleId :

VD0516SBL01

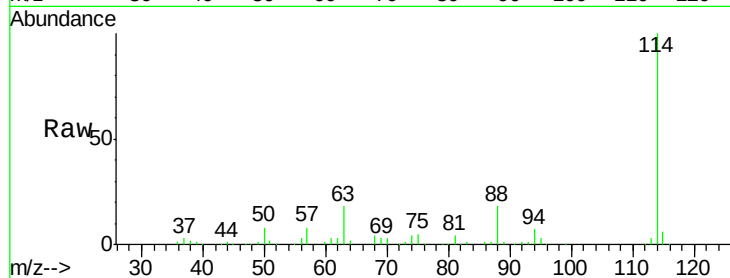
Tot Ion:114 Resp: 982632

Ion Ratio Lower Upper

114 100

63 17.7 0.0 32.4

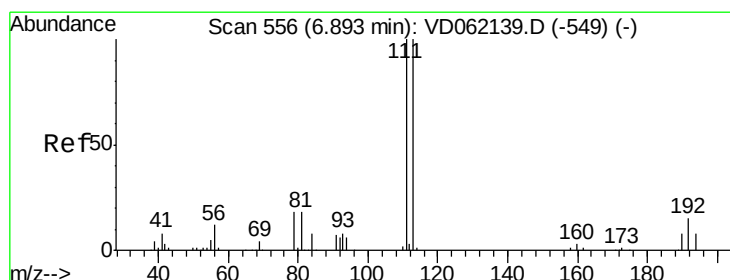
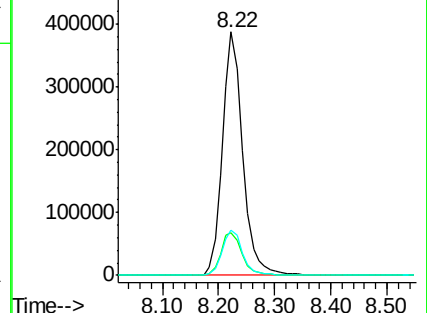
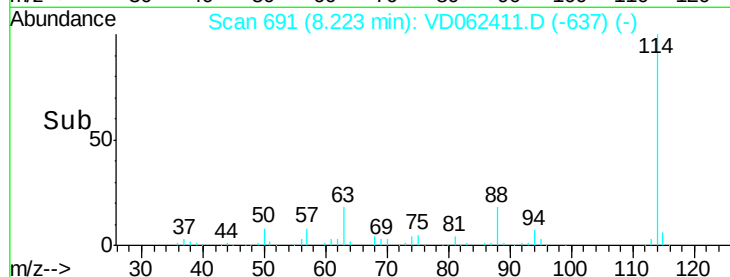
88 18.5 0.0 33.6



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: 49.566 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062411.D

Acq: 16 May 2019 12:08

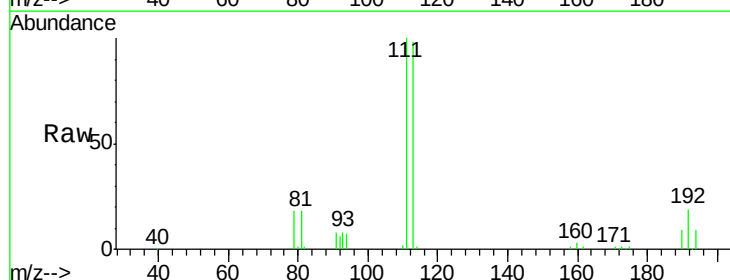
Tgt Ion:113 Resp: 404109

Ion Ratio Lower Upper

113 100

111 102.5 78.5 117.7

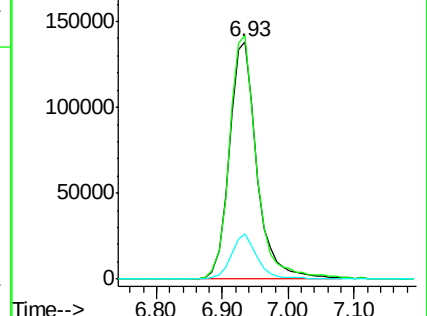
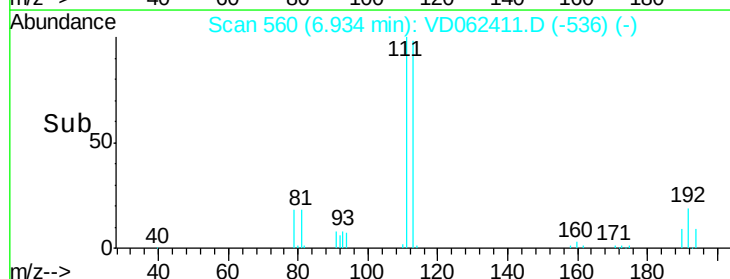
192 19.2 13.0 19.4

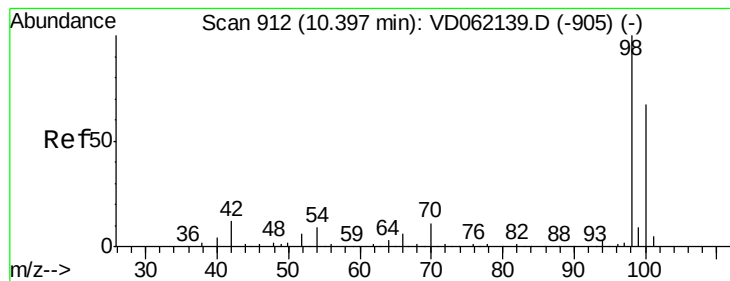


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 42.961 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062411.D

Acq: 16 May 2019 12:08

Instrument :

MSVOA_D

ClientSampleId :

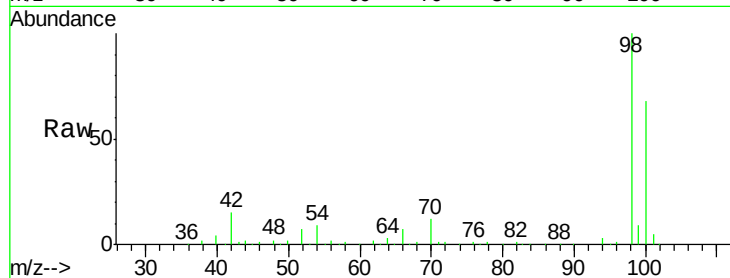
VD0516SBL01

Tot Ion: 98 Resp: 844506

Ion Ratio Lower Upper

98 100

100 67.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.42

400000

300000

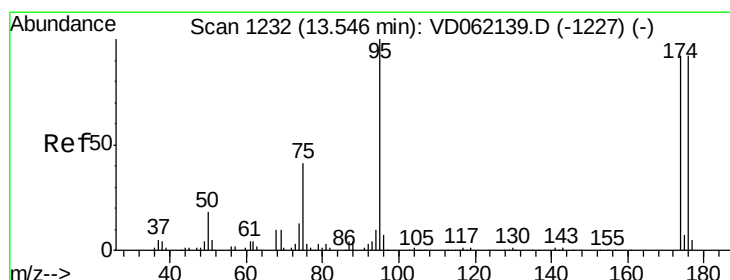
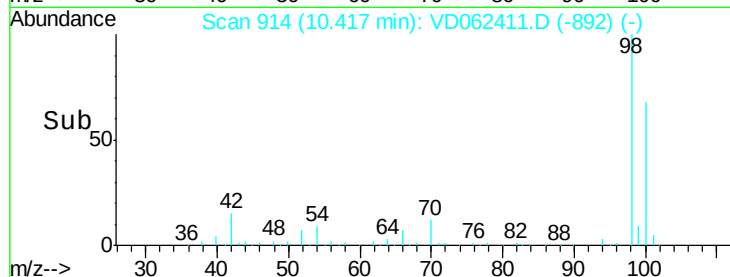
200000

100000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 47.197 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062411.D

Acq: 16 May 2019 12:08

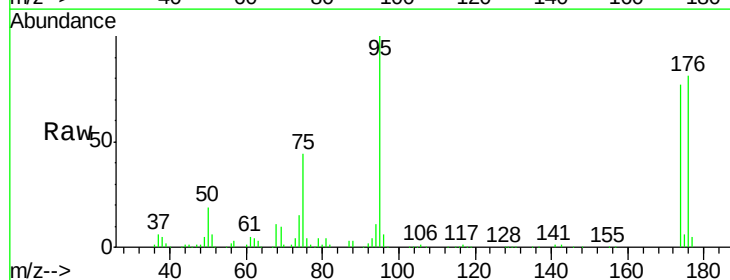
Tgt Ion: 95 Resp: 372558

Ion Ratio Lower Upper

95 100

174 77.2 0.0 181.8

176 81.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

300000

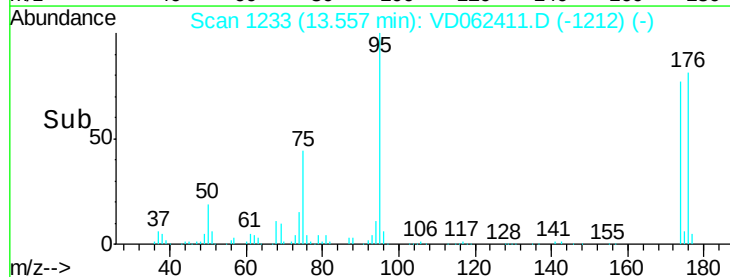
200000

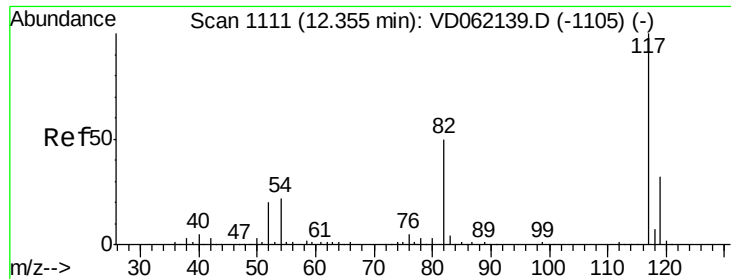
100000

0

13.50 13.55 13.60 13.65

Time-->

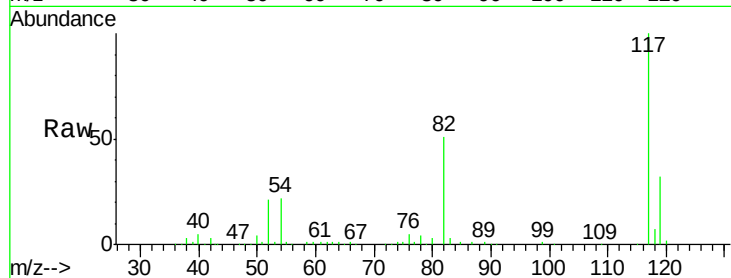




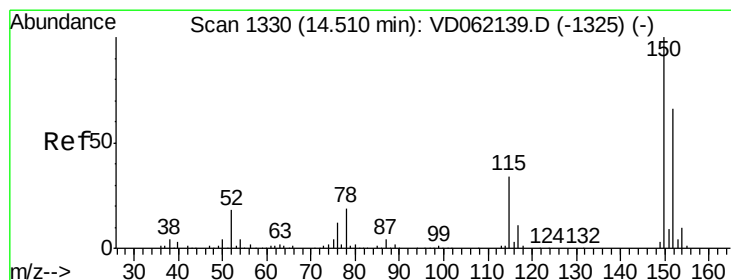
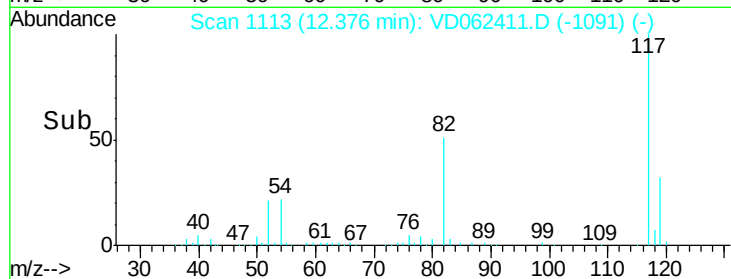
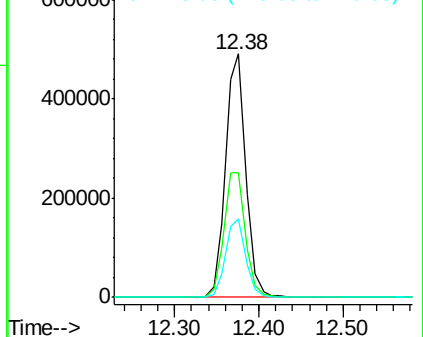
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062411.D
Acq: 16 May 2019 12:08

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBL01

Tot Ion:117 Resp: 813534
Ion Ratio Lower Upper
117 100
82 51.4 36.2 54.2
119 32.4 26.2 39.4

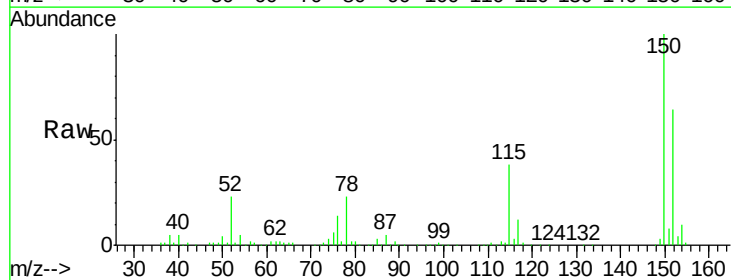


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062411.D
Acq: 16 May 2019 12:08

Tgt Ion:152 Resp: 413472
Ion Ratio Lower Upper
152 100
115 59.6 30.9 92.7
150 155.4 0.0 314.8



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

