

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062461.D
 Acq On : 20 May 2019 17:34
 Operator : FY/SY
 Sample : VD0520SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0520SBL01

Quant Time: May 20 17:59:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 20 17:01:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	791769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1063322	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	873015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	469597	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	464339	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	
35) Dibromofluoromethane	6.94	113	516491	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
50) Toluene-d8	10.43	98	1185278	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
62) 4-Bromofluorobenzene	13.57	95	468852	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	

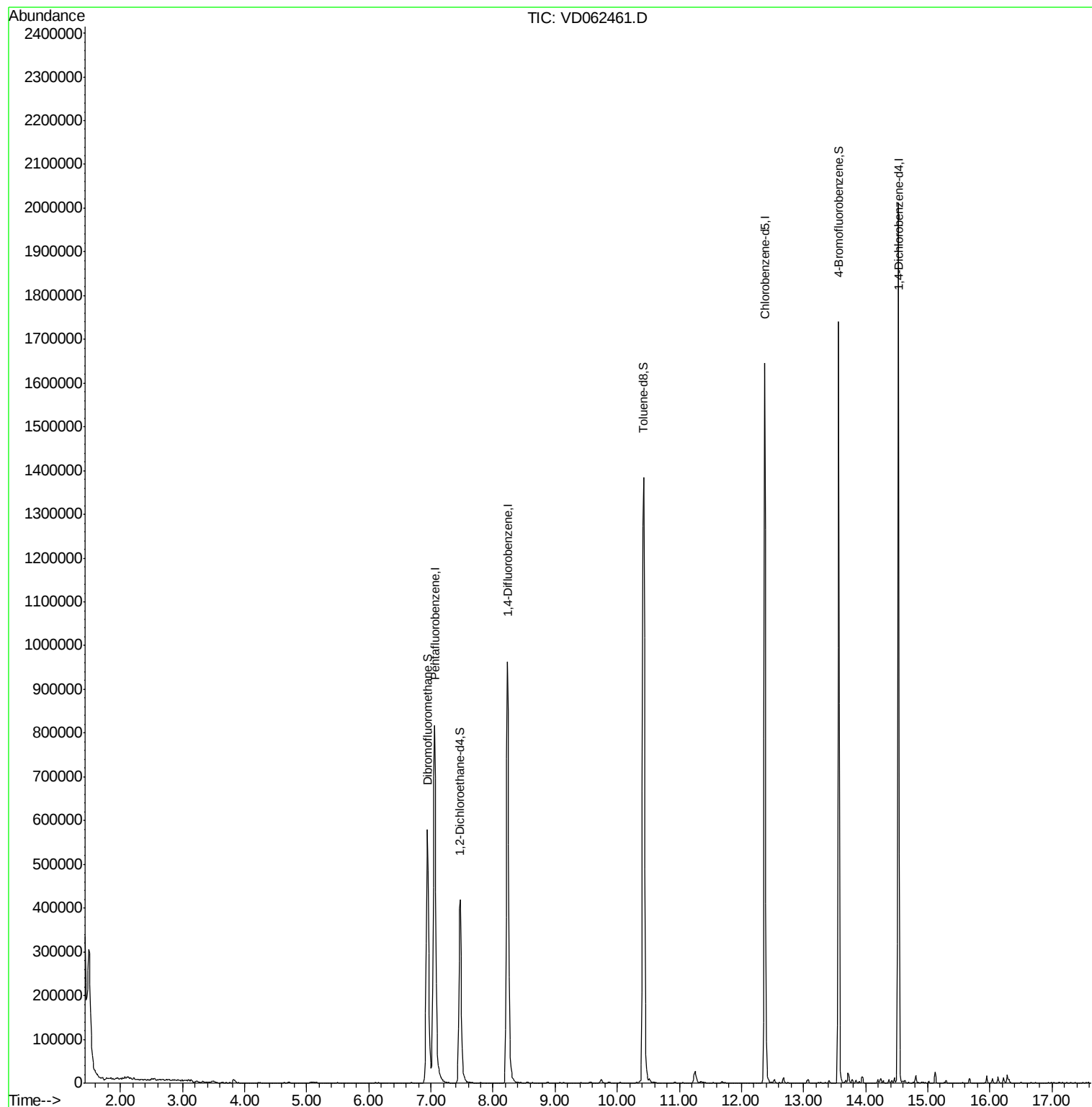
Target Compounds	Qvalue

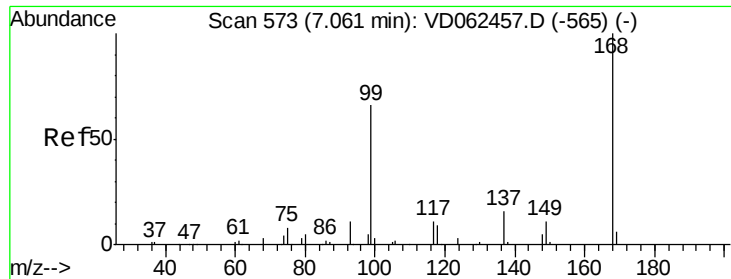
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052019\
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Quant Title : SW846 8260
QLast Update : Mon May 20 17:01:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 573

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

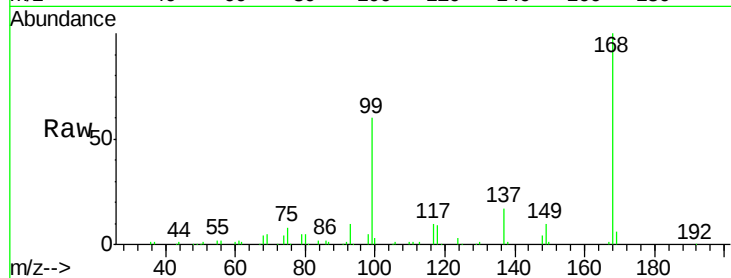
VD0520SBL01

Tot Ion:168 Resp: 791769

Ion Ratio Lower Upper

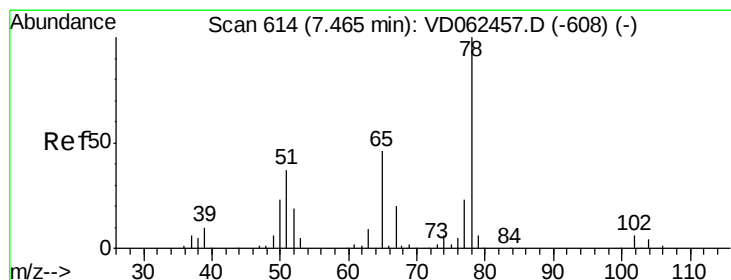
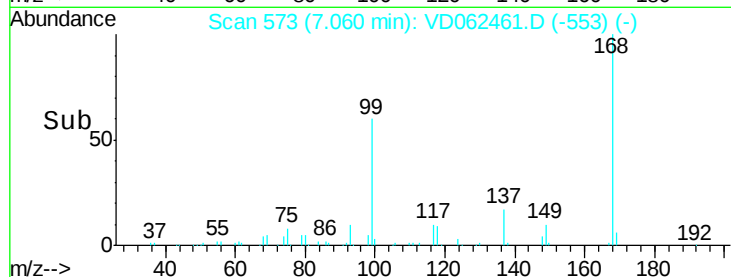
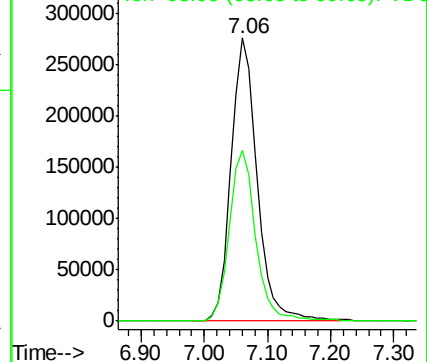
168 100

99 60.3 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: 54.787 ug/l

RT: 7.47 min Scan# 615

Delta R.T. 0.01 min

Lab File: VD062461.D

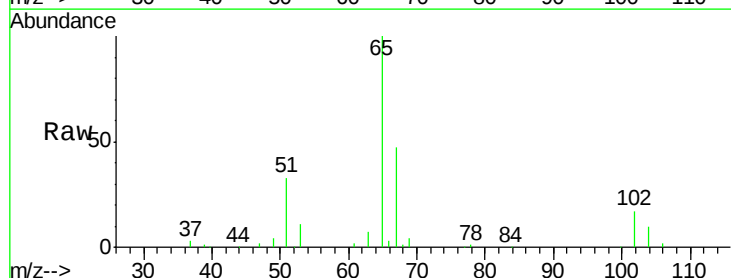
Acq: 20 May 2019 17:34

Tgt Ion: 65 Resp: 464339

Ion Ratio Lower Upper

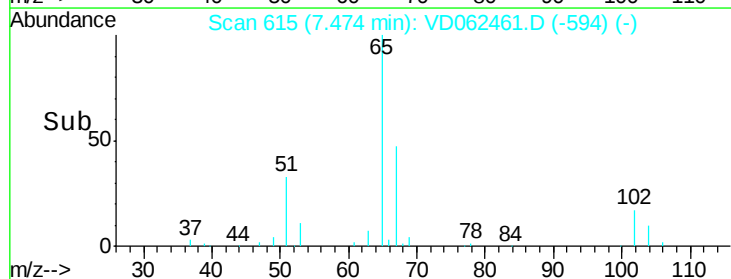
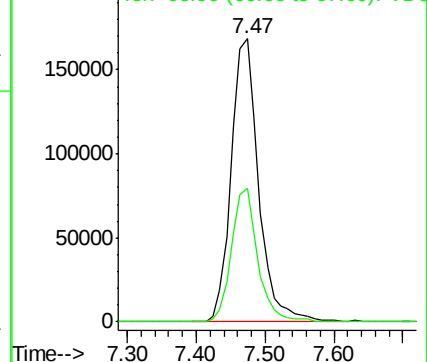
65 100

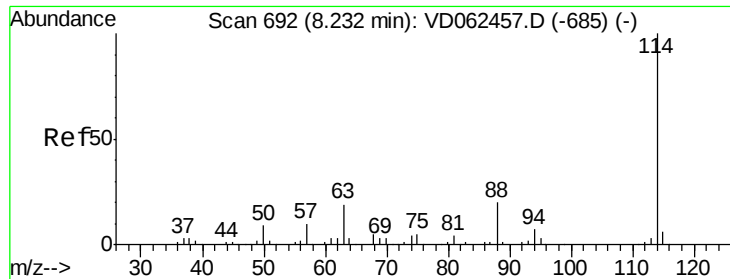
67 47.3 0.0 98.0



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: 8.23 min Scan# 692

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

VD0520SBL01

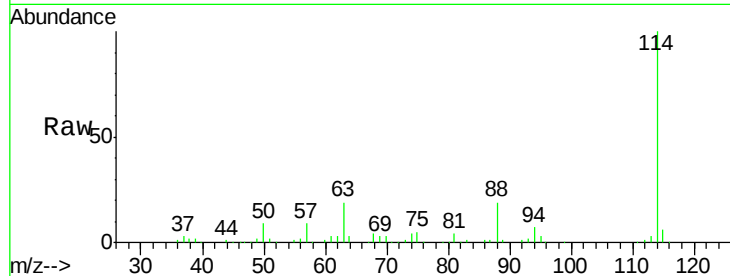
Tot Ion:114 Resp: 1063322

Ion Ratio Lower Upper

114 100

63 19.3 0.0 32.4

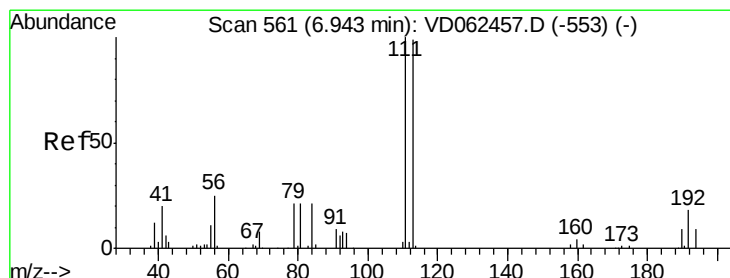
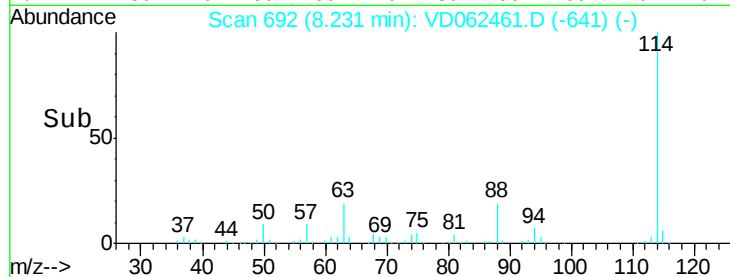
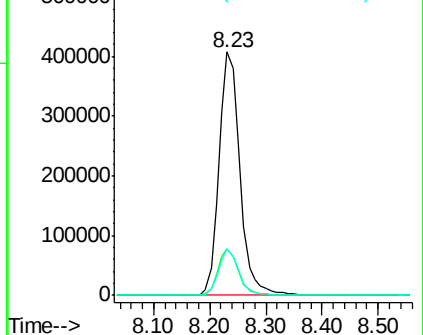
88 19.2 0.0 33.6



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: 53.843 ug/l

RT: 6.94 min Scan# 561

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

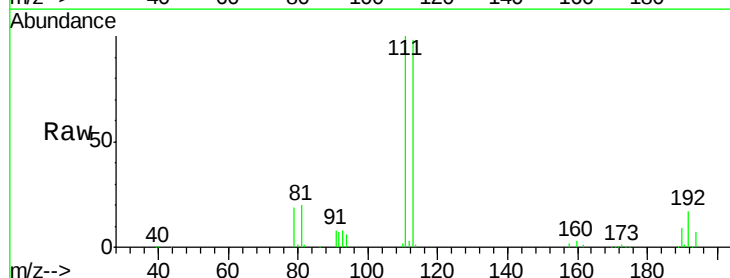
Tgt Ion:113 Resp: 516491

Ion Ratio Lower Upper

113 100

111 102.5 78.5 117.7

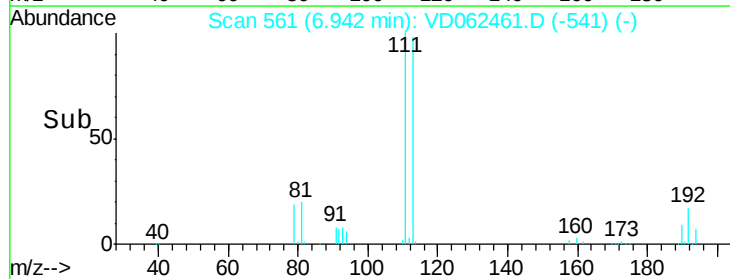
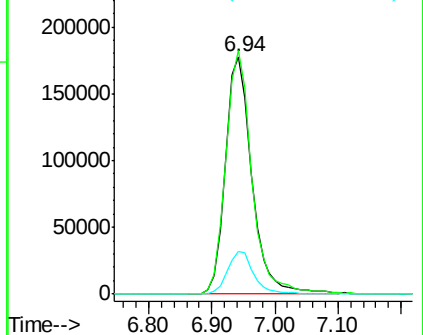
192 17.8 13.0 19.4

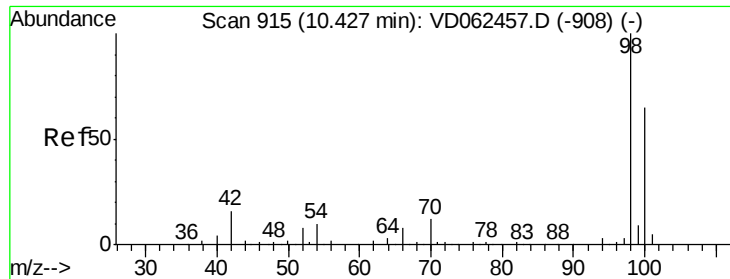


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 56.463 ug/l

RT: 10.43 min Scan# 915

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

Instrument :

MSVOA_D

ClientSampleId :

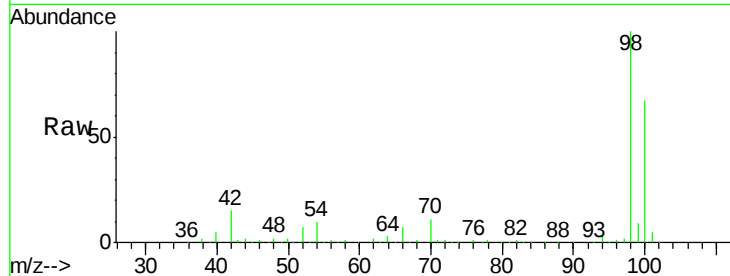
VD0520SBL01

Tot Ion: 98 Resp: 1185278

Ion Ratio Lower Upper

98 100

100 67.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)

Ion 100.05 (99.75 to 100.75): VD062457.D (-908) (-)

10.43

500000

400000

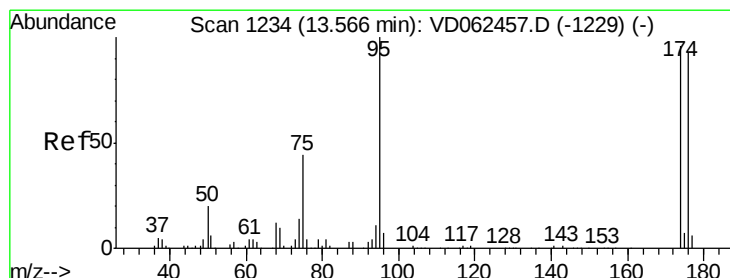
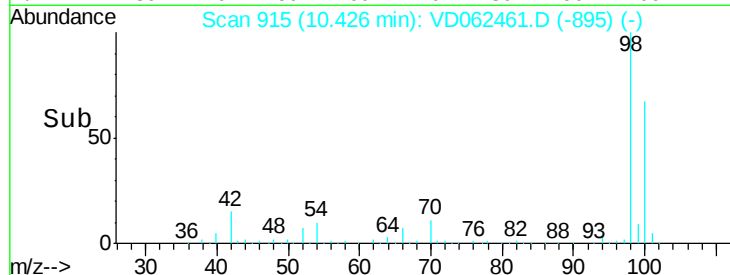
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.058 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VD062461.D

Acq: 20 May 2019 17:34

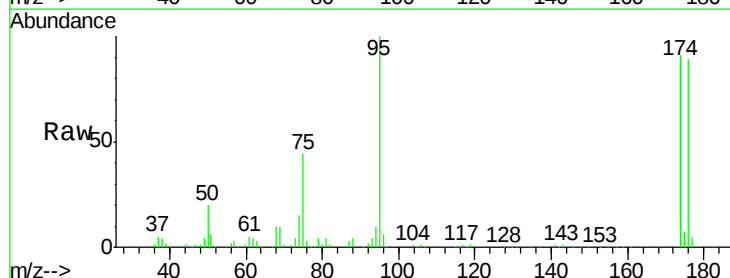
Tgt Ion: 95 Resp: 468852

Ion Ratio Lower Upper

95 100

174 91.1 0.0 181.8

176 89.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD062457.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD062457.D (-1229) (-)

400000

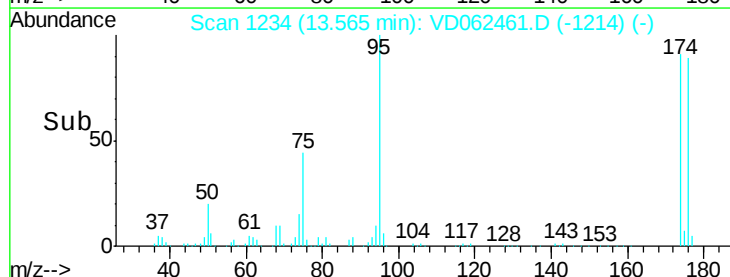
300000

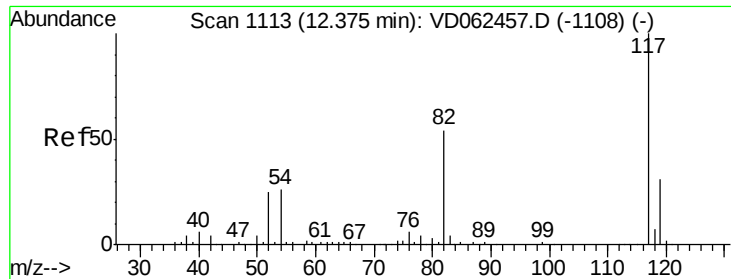
200000

100000

0

Time-->

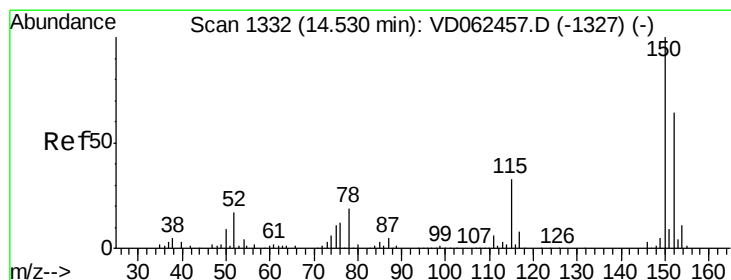
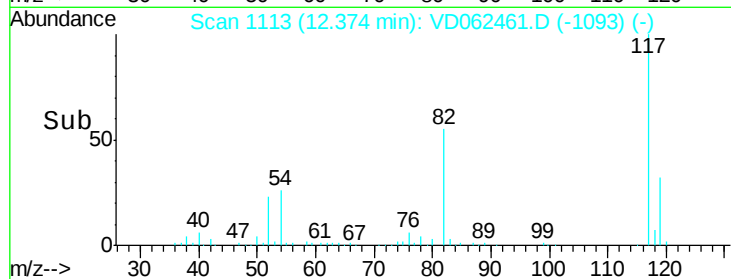
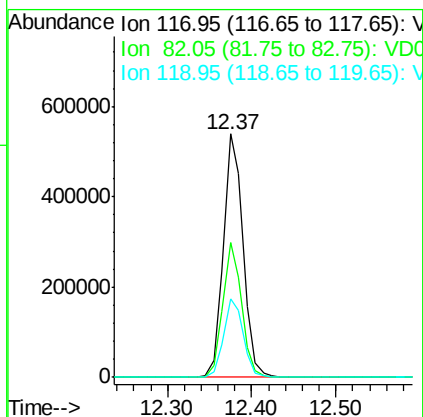
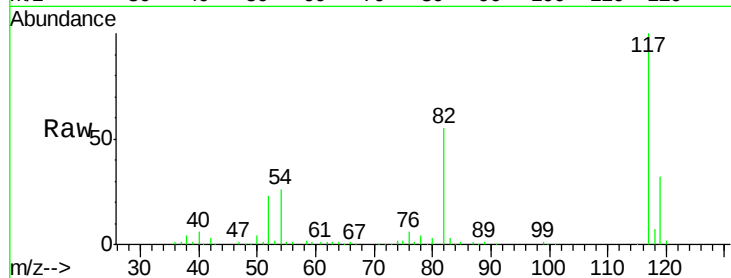




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Instrument :
MSVOA_D
ClientSampleId :
VD0520SBL01

Tot Ion:117 Resp: 873015
Ion Ratio Lower Upper
117 100
82 55.3 36.2 54.2#
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. -0.00 min
Lab File: VD062461.D
Acq: 20 May 2019 17:34

Tgt Ion:152 Resp: 469597
Ion Ratio Lower Upper
152 100
115 54.4 30.9 92.7
150 156.0 0.0 314.8

