

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052019\
 Data File : VD062462.D
 Acq On : 20 May 2019 18:08
 Operator : FY/SY
 Sample : K2894-10RE
 Misc : 5.06g/5mL/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-2.5-3.5RE

Quant Time: May 20 18:57:55 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	435808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	473629	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	161966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	18704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	130773	28.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.06%	
35) Dibromofluoromethane	6.93	113	182177	42.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	85.28%	
50) Toluene-d8	10.43	98	244841	26.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.38%	
62) 4-Bromofluorobenzene	13.57	95	27189	6.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	13.30%	

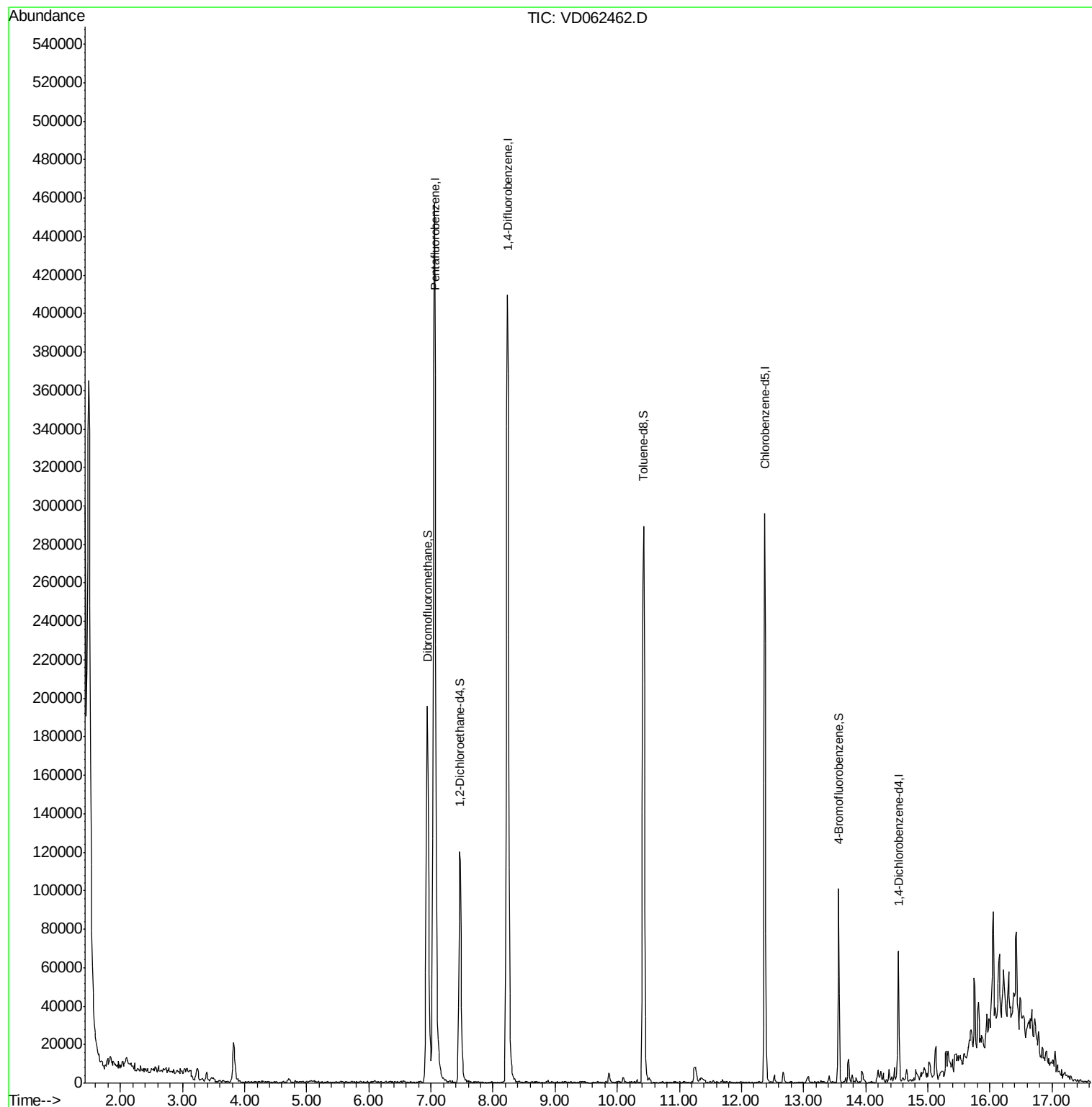
Target Compounds	Qvalue

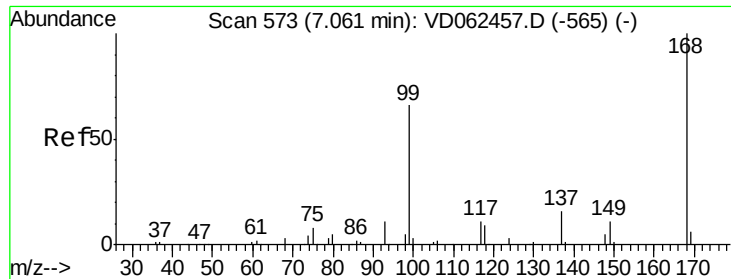
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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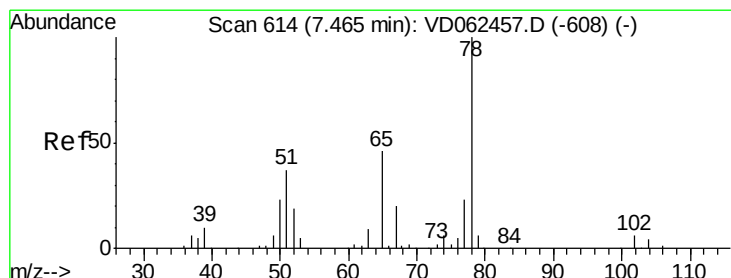
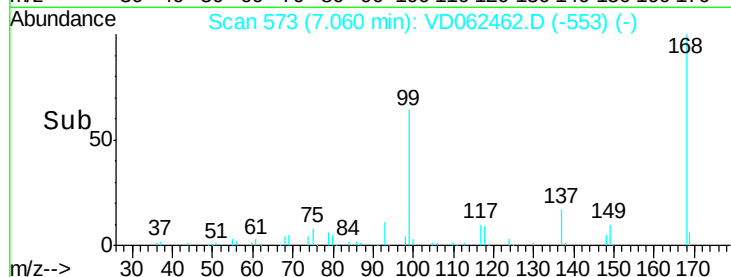
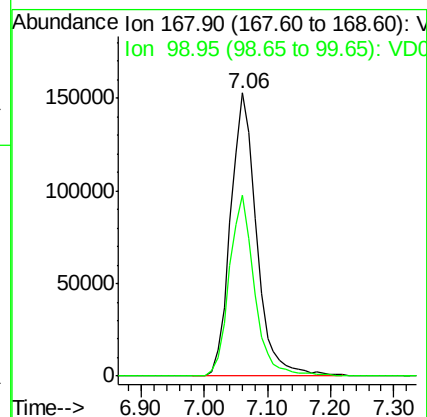
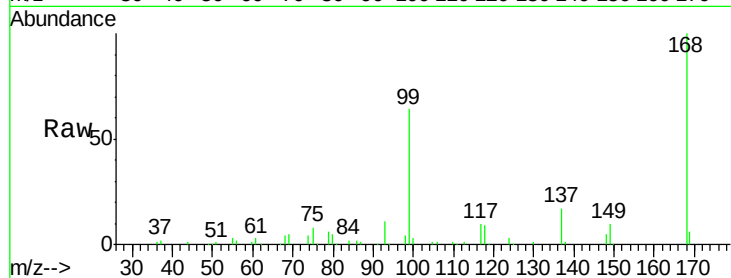




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. -0.00 min
Lab File: VD062462.D
Acq: 20 May 2019 18:08

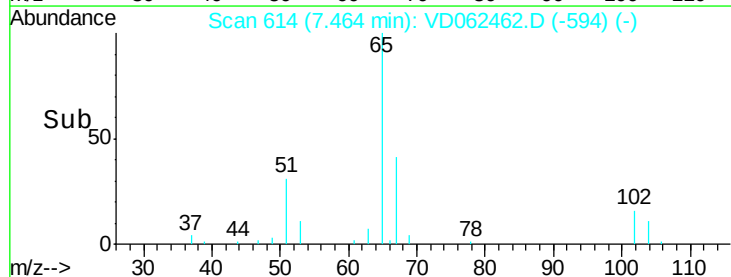
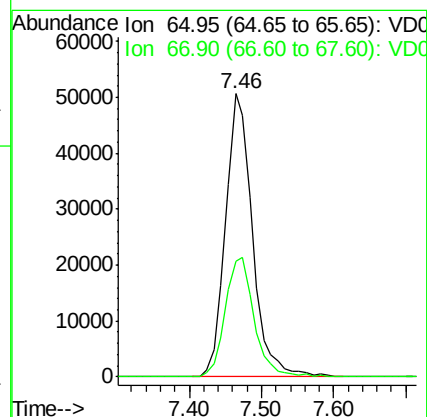
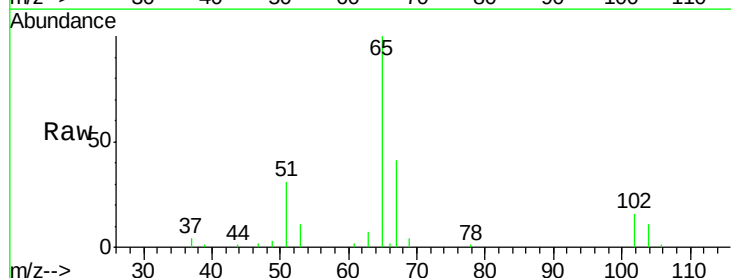
Instrument :
MSVOA_D
ClientSampleId :
SB-07-2.5-3.5RE

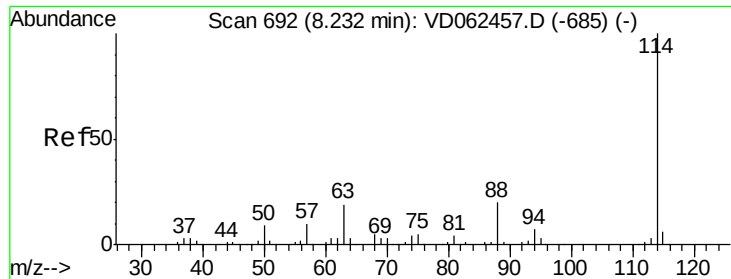
Tot Ion:168 Resp: 435808
Ion Ratio Lower Upper
168 100
99 64.1 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 28.033 ug/l
RT: 7.46 min Scan# 614
Delta R.T. -0.00 min
Lab File: VD062462.D
Acq: 20 May 2019 18:08

Tgt Ion: 65 Resp: 130773
Ion Ratio Lower Upper
65 100
67 40.7 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. -0.00 min

Lab File: VD062462.D

Acq: 20 May 2019 18:08

Instrument :

MSVOA_D

ClientSampleId :

SB-07-2.5-3.5RE

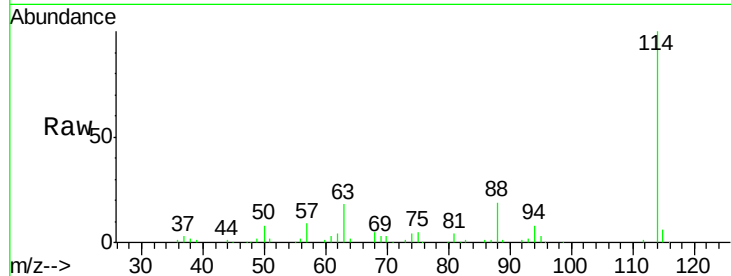
Tot Ion:114 Resp: 473629

Ion Ratio Lower Upper

114 100

63 18.1 0.0 32.4

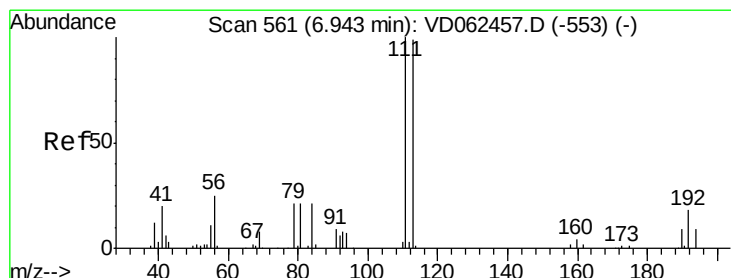
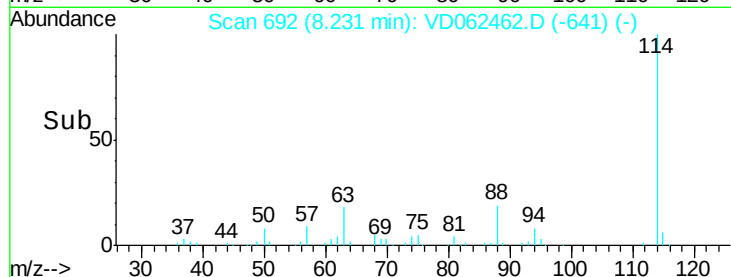
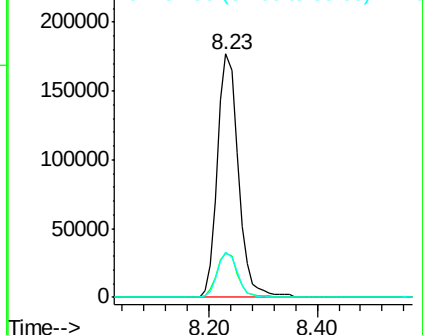
88 18.7 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC



#35

Dibromofluoromethane

Concen: 42.637 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062462.D

Acq: 20 May 2019 18:08

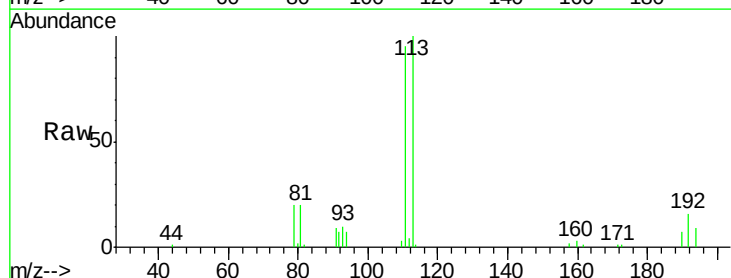
Tgt Ion:113 Resp: 182177

Ion Ratio Lower Upper

113 100

111 95.2 78.5 117.7

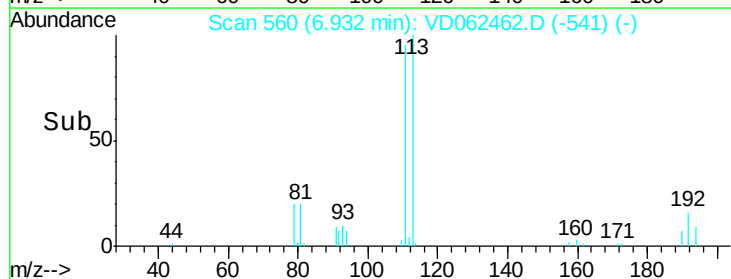
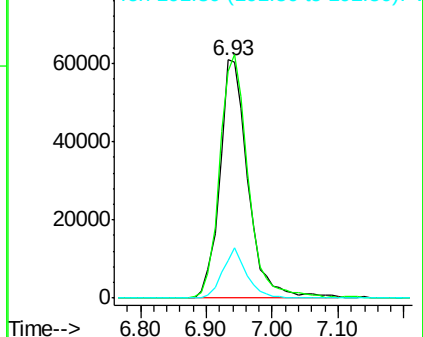
192 15.8 13.0 19.4

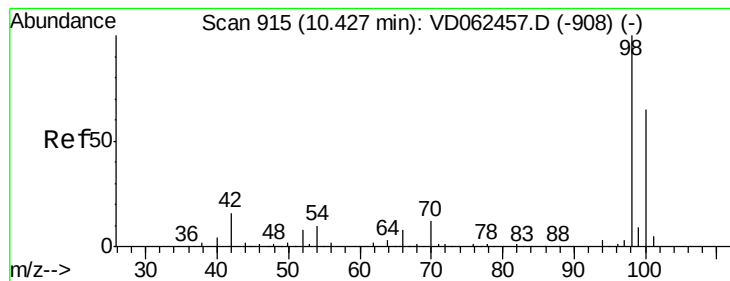


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 26.185 ug/l

RT: 10.43 min Scan# 915

Delta R.T. -0.00 min

Lab File: VD062462.D

Acq: 20 May 2019 18:08

Instrument :

MSVOA_D

ClientSampleId :

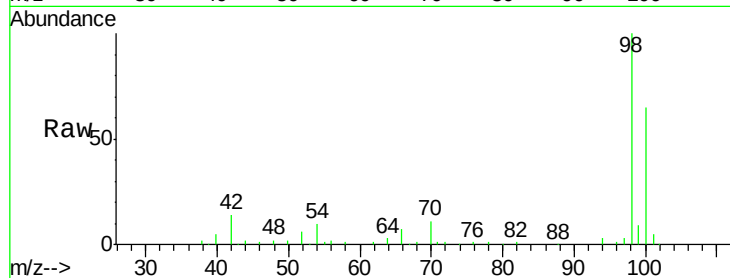
SB-07-2.5-3.5RE

Tot Ion: 98 Resp: 244841

Ion Ratio Lower Upper

98 100

100 65.0 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

120000

100000

80000

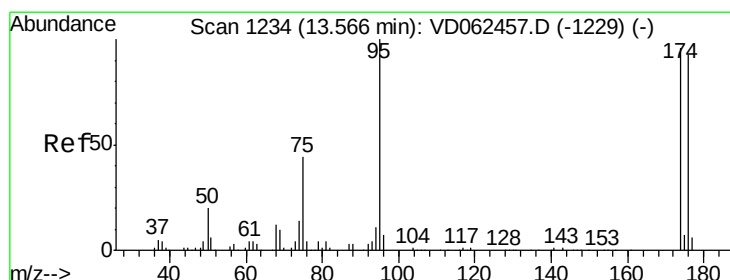
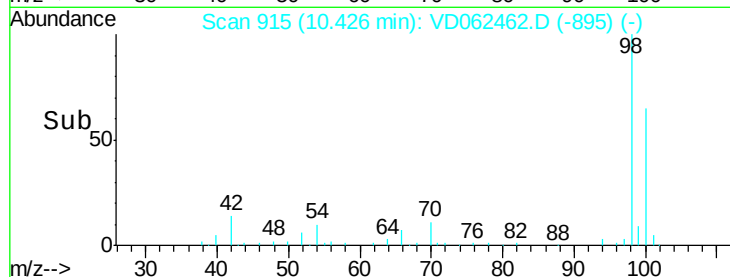
60000

40000

20000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 6.647 ug/l

RT: 13.57 min Scan# 1234

Delta R.T. -0.00 min

Lab File: VD062462.D

Acq: 20 May 2019 18:08

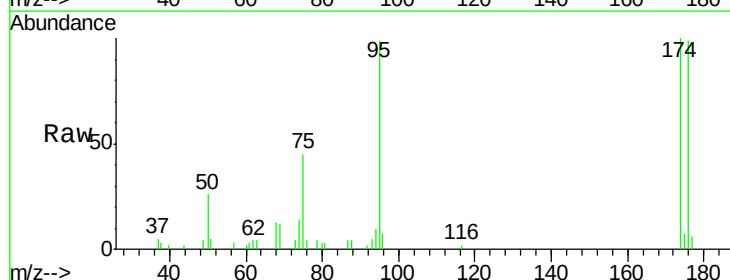
Tgt Ion: 95 Resp: 27189

Ion Ratio Lower Upper

95 100

174 100.5 0.0 181.8

176 100.0 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) (-)

13.57

25000

20000

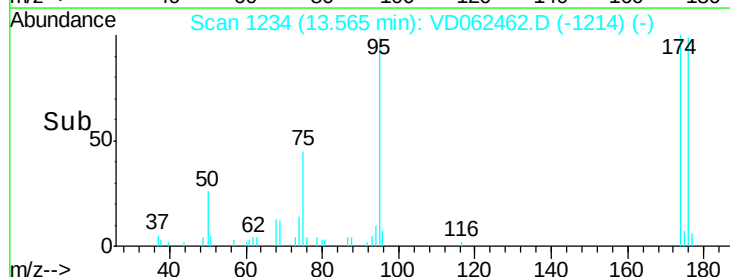
15000

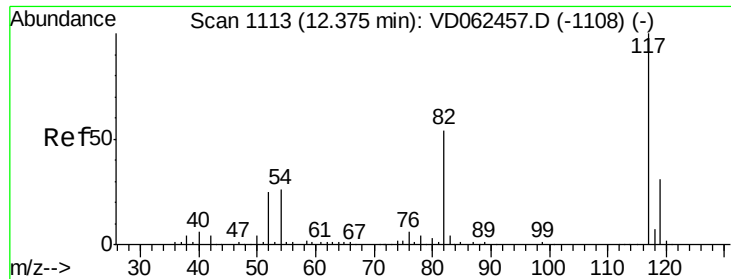
10000

5000

0

Time-->

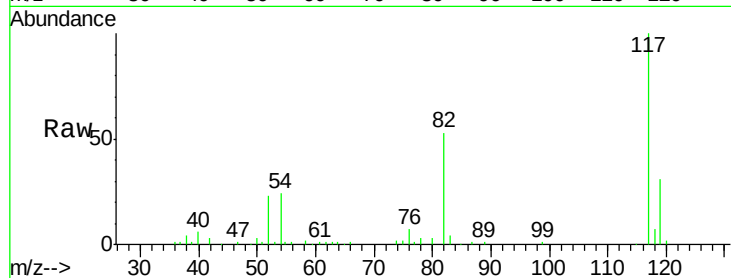




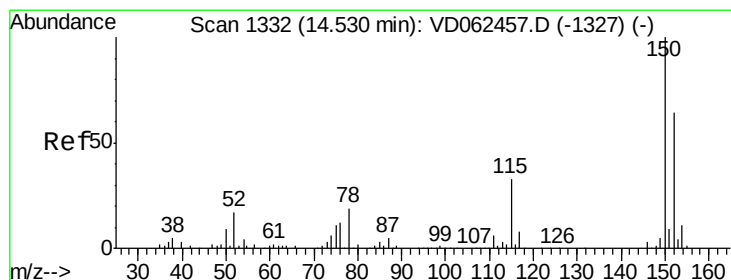
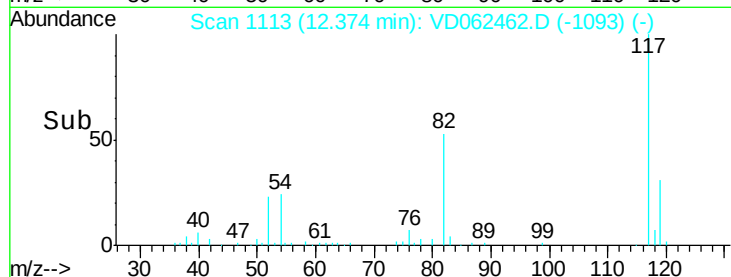
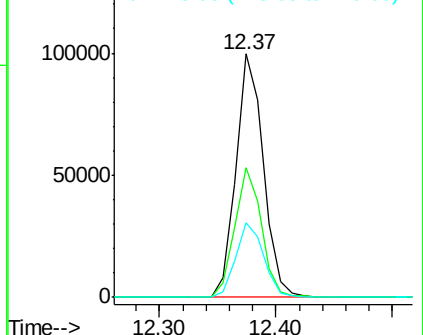
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062462.D
Acq: 20 May 2019 18:08

Instrument :
MSVOA_D
ClientSampleId :
SB-07-2.5-3.5RE

Tot Ion:117 Resp: 161966
Ion Ratio Lower Upper
117 100
82 53.4 36.2 54.2
119 30.6 26.2 39.4

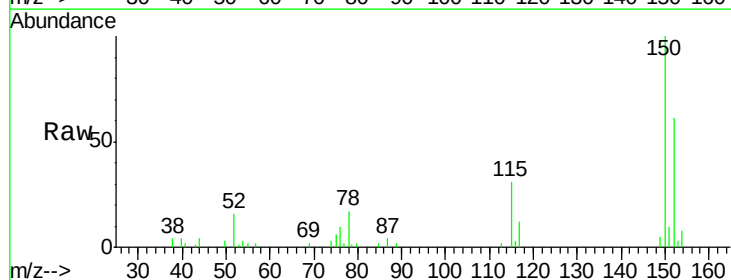


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. -0.00 min
Lab File: VD062462.D
Acq: 20 May 2019 18:08

Tgt Ion:152 Resp: 18704
Ion Ratio Lower Upper
152 100
115 50.6 30.9 92.7
150 163.3 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

