

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062475.D
 Acq On : 21 May 2019 12:25
 Operator : VA/AP
 Sample : VD0521SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0521SBL01

Quant Time: May 22 01:52:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	795868	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1083216	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	812142	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	476200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	465570	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
35) Dibromofluoromethane	6.92	113	549989	56.28	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	112.56%	
50) Toluene-d8	10.42	98	1246330	58.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.56%	
62) 4-Bromofluorobenzene	13.56	95	512131	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	

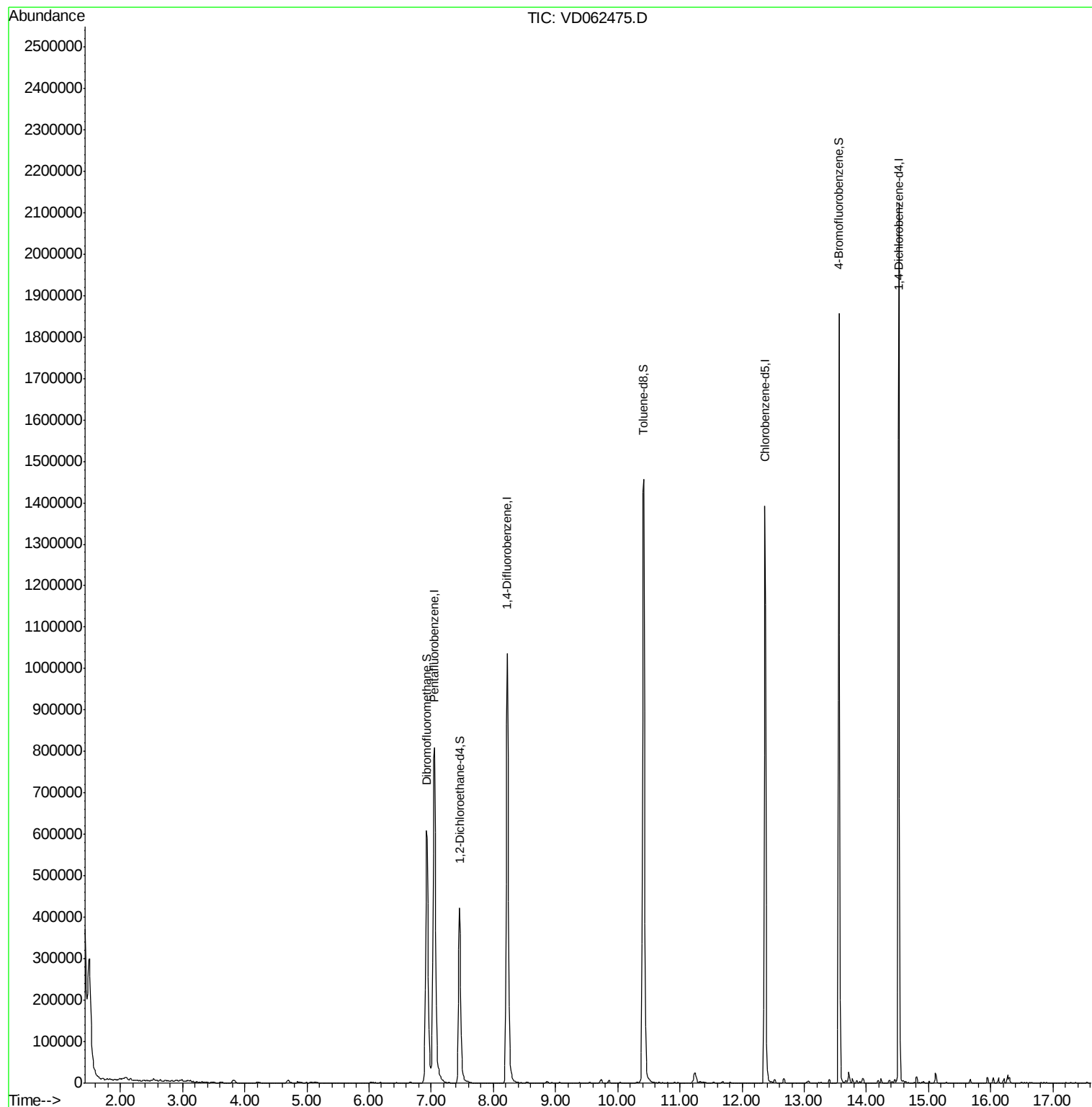
Target Compounds	Qvalue
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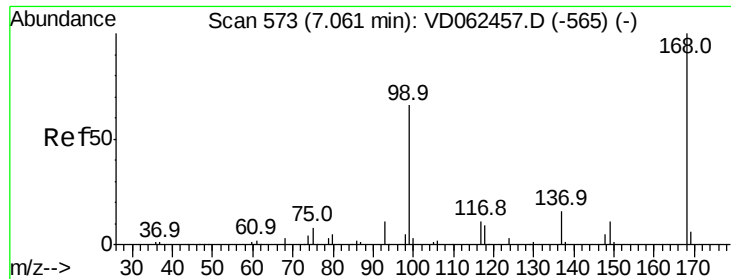
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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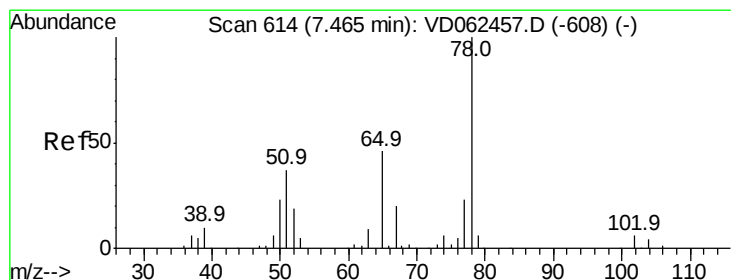
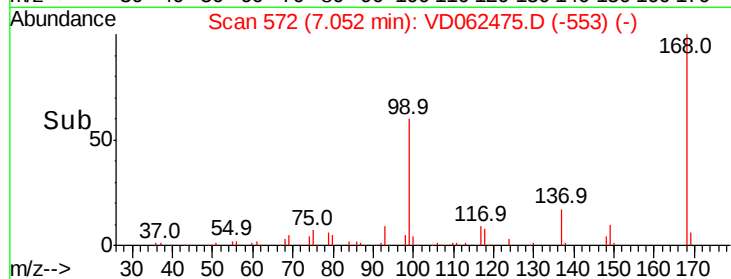
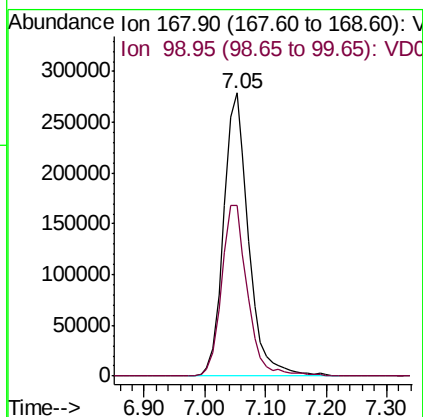
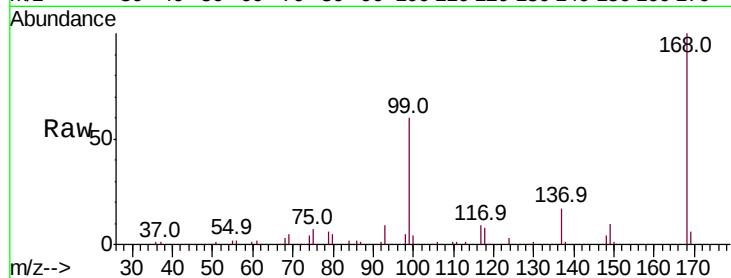




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

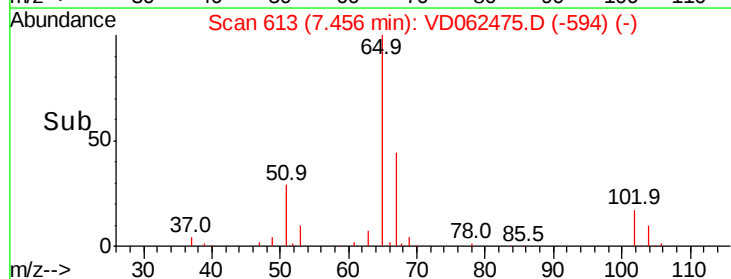
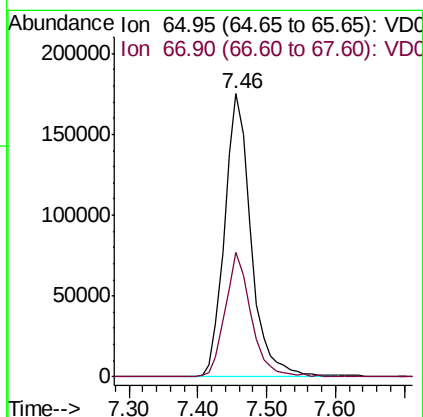
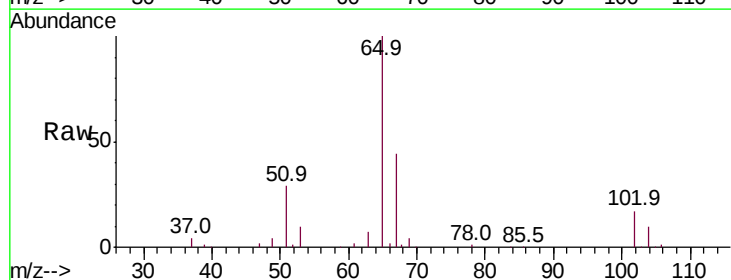
Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL01

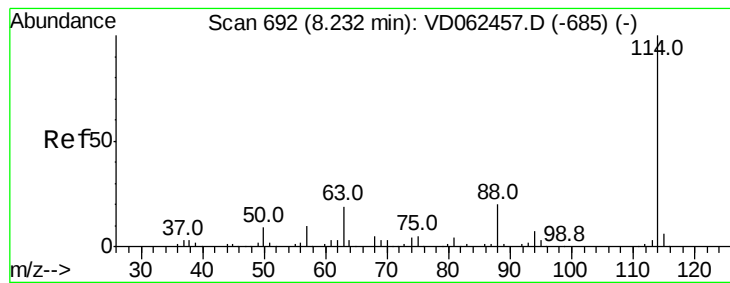
Tot Ion:168 Resp: 795868
Ion Ratio Lower Upper
168 100
99 60.3 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 54.649 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion: 65 Resp: 465570
Ion Ratio Lower Upper
65 100
67 44.1 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

VD0521SBL01

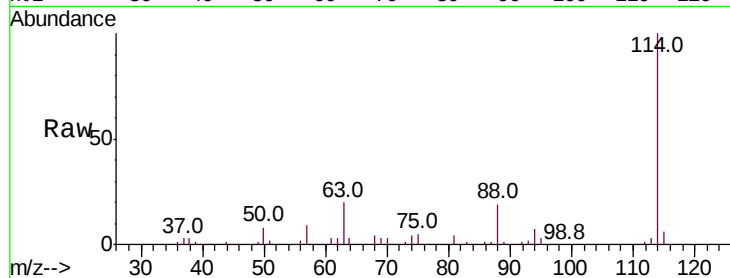
Tot Ion:114 Resp: 1083216

Ion Ratio Lower Upper

114 100

63 19.6 0.0 32.4

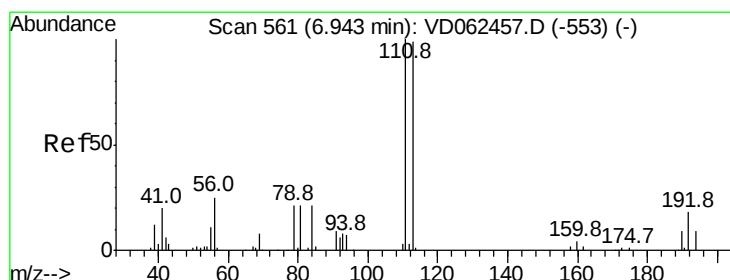
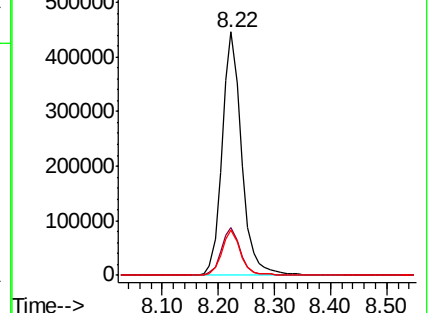
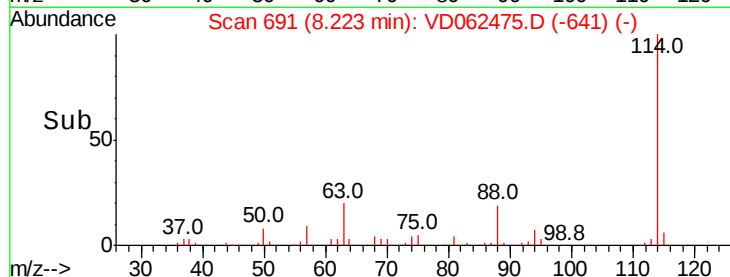
88 18.6 0.0 33.6



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: 56.283 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.02 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

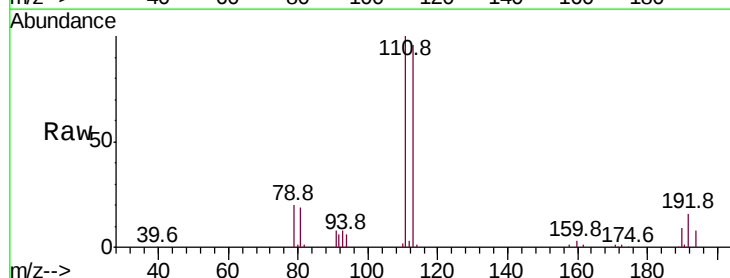
Tgt Ion:113 Resp: 549989

Ion Ratio Lower Upper

113 100

111 104.4 78.5 117.7

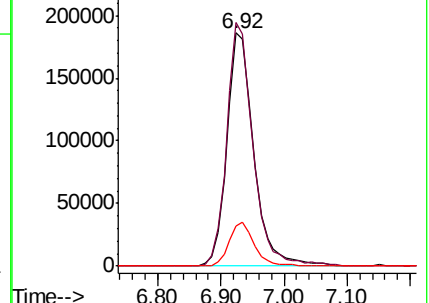
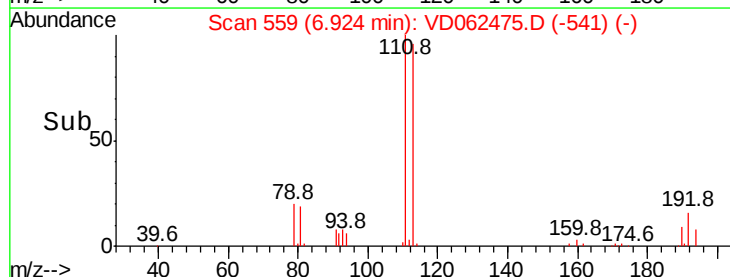
192 16.9 13.0 19.4

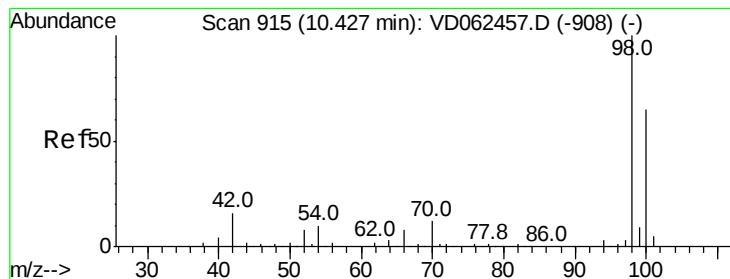


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 58.281 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

Instrument :

MSVOA_D

ClientSampleId :

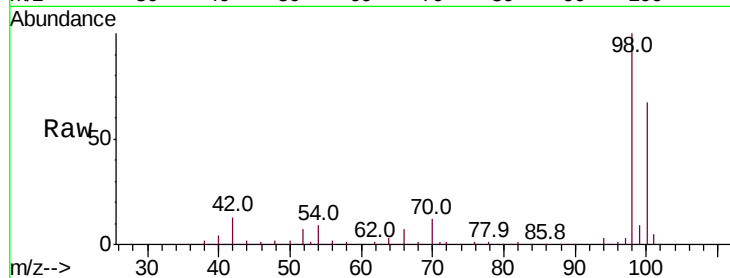
VD0521SBL01

Tot Ion: 98 Resp: 1246330

Ion Ratio Lower Upper

98 100

100 66.7 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) (-)

10.42

600000

500000

400000

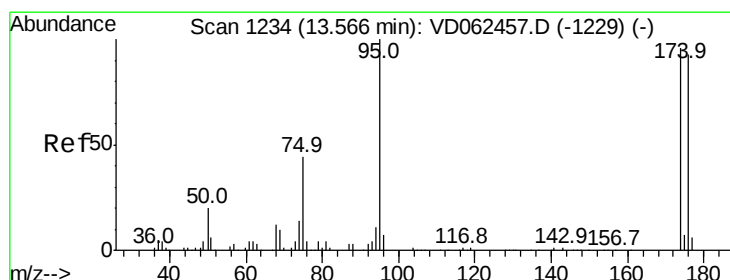
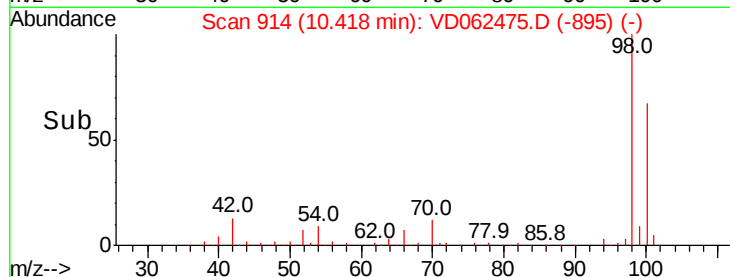
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 54.747 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062475.D

Acq: 21 May 2019 12:25

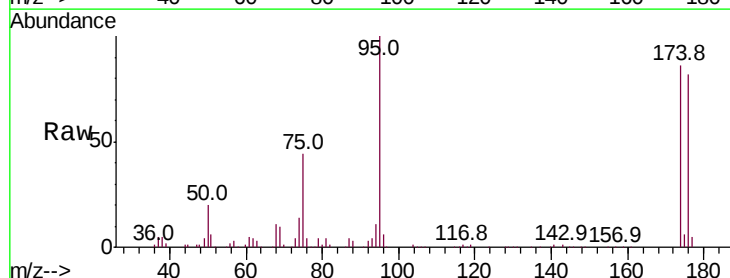
Tgt Ion: 95 Resp: 512131

Ion Ratio Lower Upper

95 100

174 86.3 0.0 181.8

176 82.3 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) (-)

500000

400000

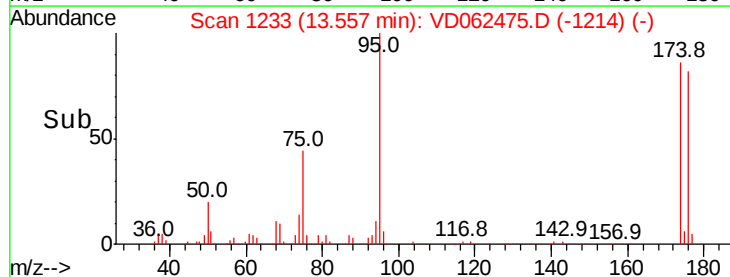
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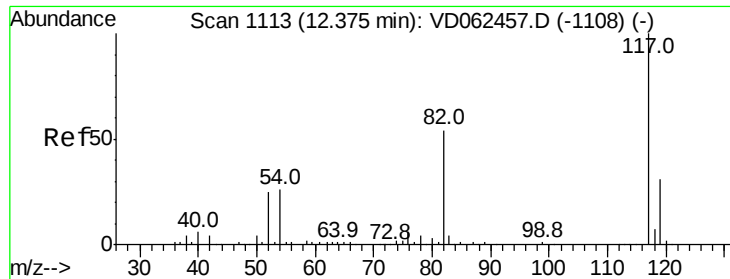
200000

100000

0

Time-->

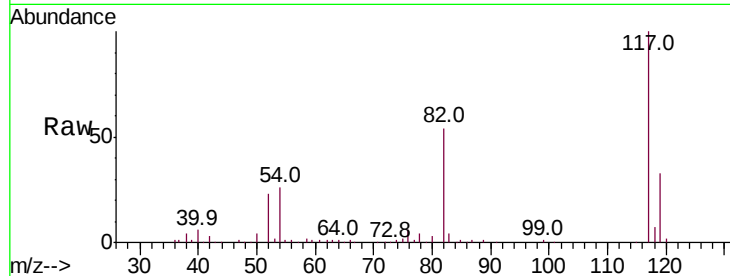




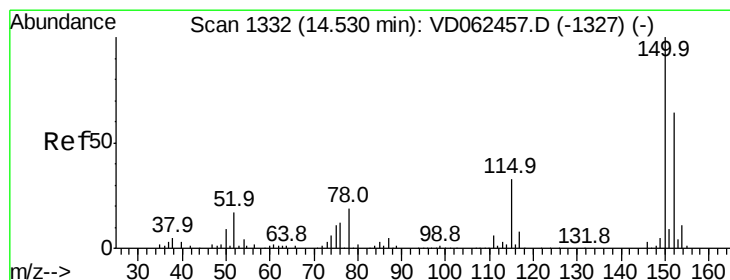
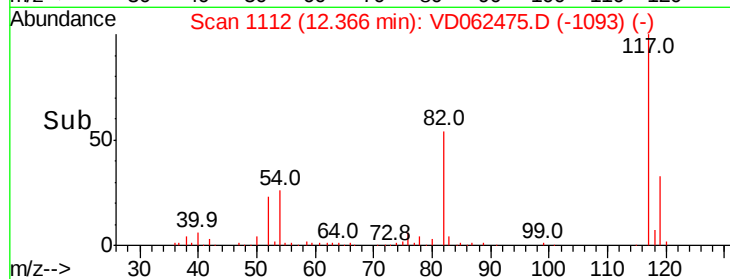
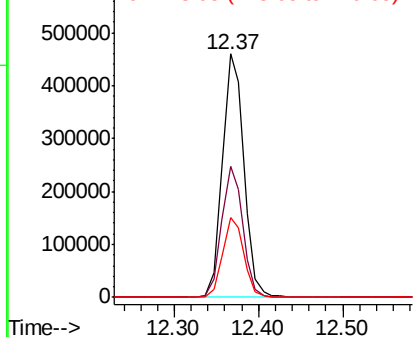
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Instrument :
MSVOA_D
ClientSampleId :
VD0521SBL01

Tot Ion:117 Resp: 812142
Ion Ratio Lower Upper
117 100
82 53.9 36.2 54.2
119 32.7 26.2 39.4

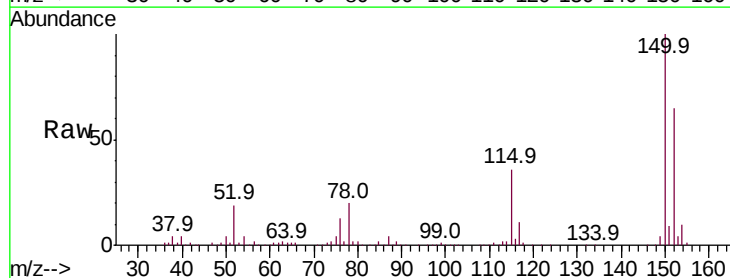


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062475.D
Acq: 21 May 2019 12:25

Tgt Ion:152 Resp: 476200
Ion Ratio Lower Upper
152 100
115 55.4 30.9 92.7
150 153.5 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

