

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062491.D
 Acq On : 21 May 2019 19:47
 Operator : VA/AP
 Sample : K2971-16
 Misc : 5.74g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2C-G-1-052019

Quant Time: May 22 03:25:11 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	7.04	168	550216	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	765350	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	661624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	323305	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	217347	36.90	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.80%	
35) Dibromofluoromethane	6.92	113	242823	35.17	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	70.34%	
50) Toluene-d8	10.40	98	508620	33.66	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	67.32%	
62) 4-Bromofluorobenzene	13.55	95	232356	35.16	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	70.32%	

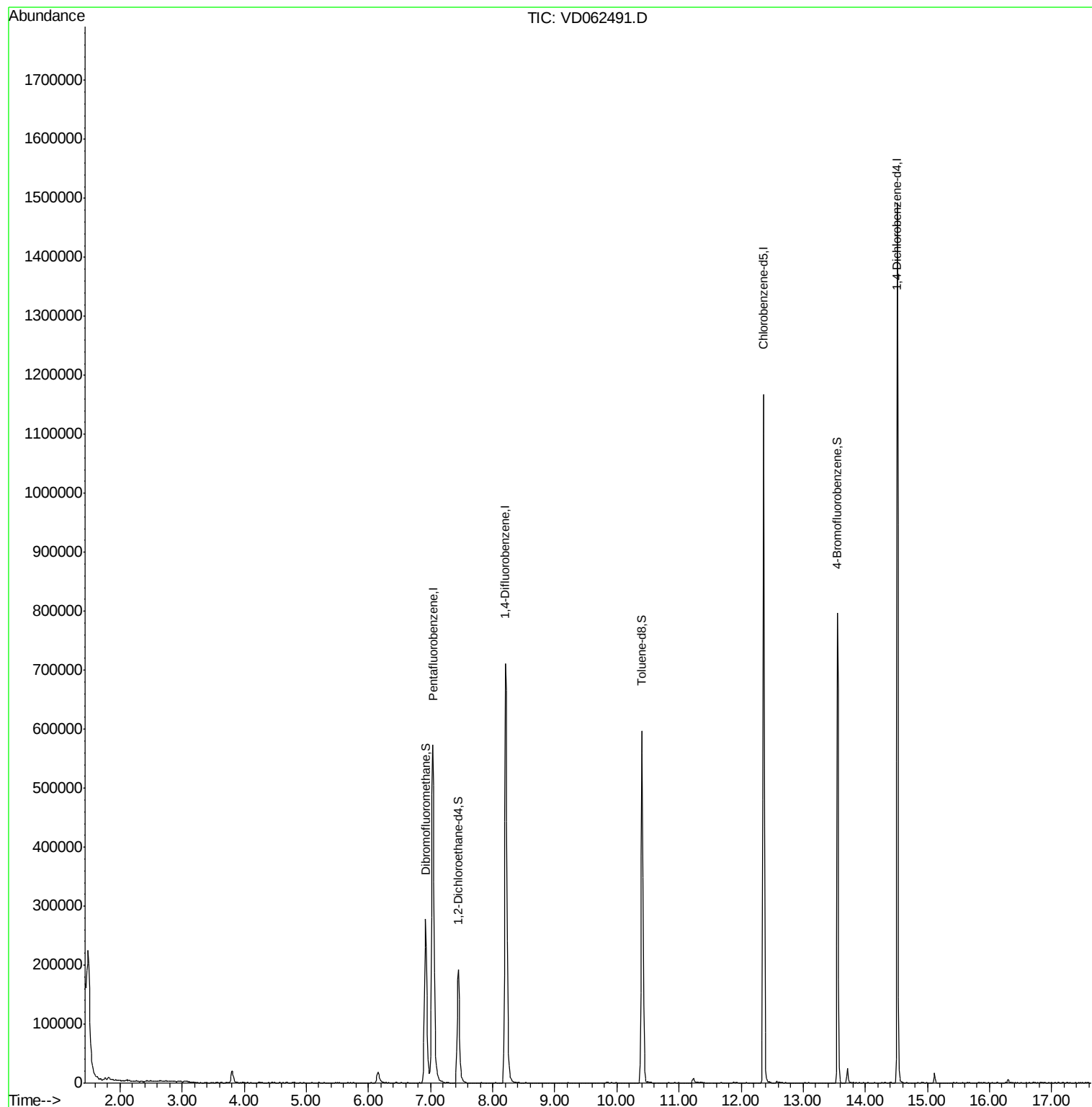
Target Compounds	Qvalue

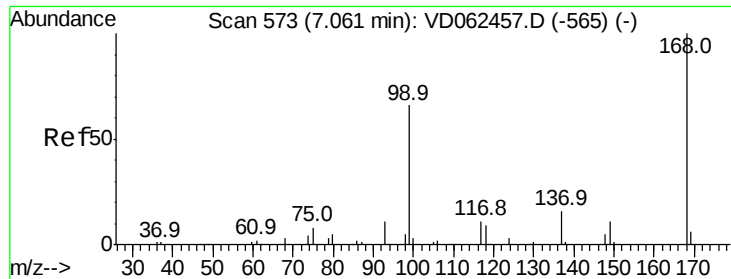
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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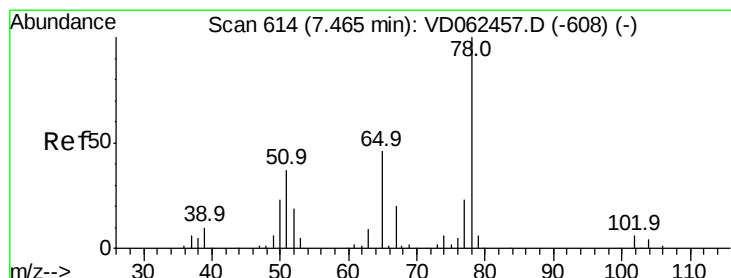
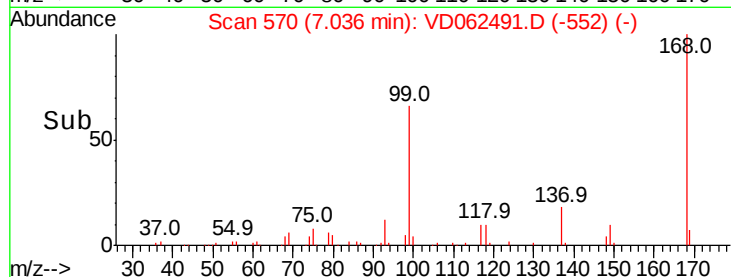
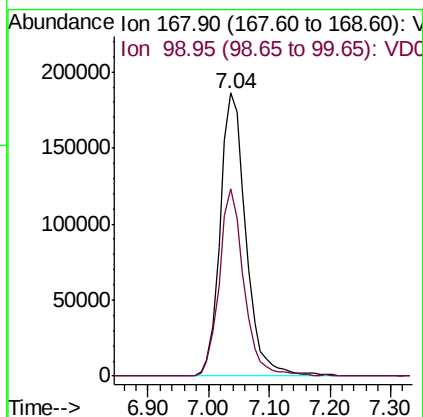
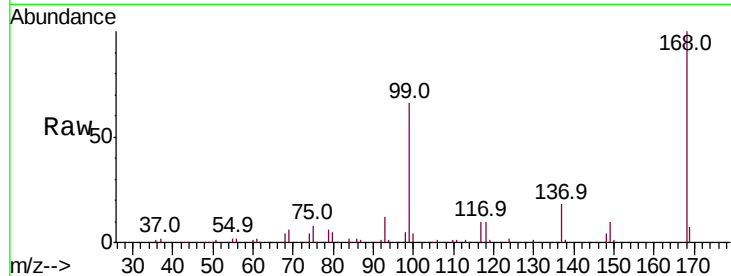




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD062491.D
Acq: 21 May 2019 19:47

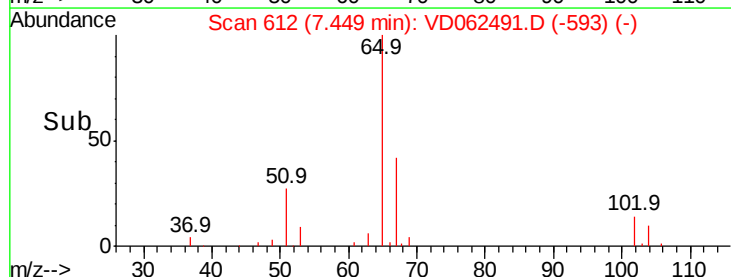
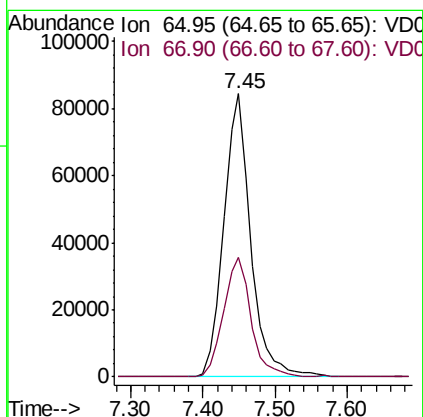
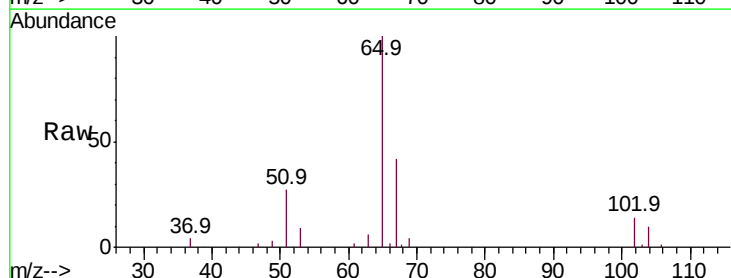
Instrument :
MSVOA_D
ClientSampleId :
SUP-2C-G-1-052019

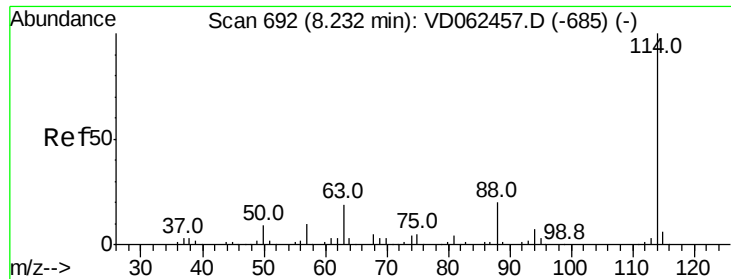
Tot Ion:168 Resp: 550216
Ion Ratio Lower Upper
168 100
99 66.4 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 36.903 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062491.D
Acq: 21 May 2019 19:47

Tgt Ion: 65 Resp: 217347
Ion Ratio Lower Upper
65 100
67 42.3 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD062491.D

Acq: 21 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

SUP-2C-G-1-052019

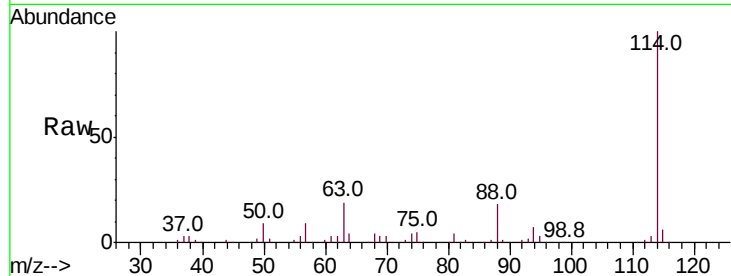
Tot Ion:114 Resp: 765350

Ion Ratio Lower Upper

114 100

63 19.0 0.0 32.4

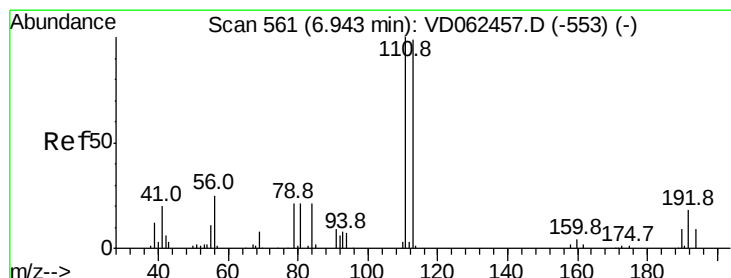
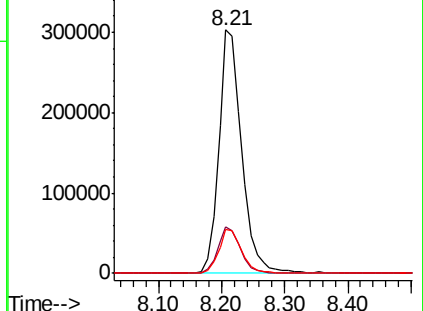
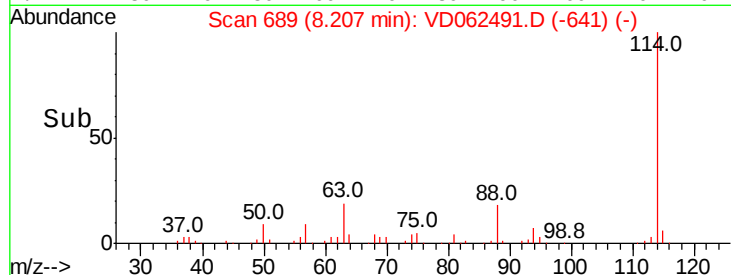
88 18.3 0.0 33.6



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: 35.169 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD062491.D

Acq: 21 May 2019 19:47

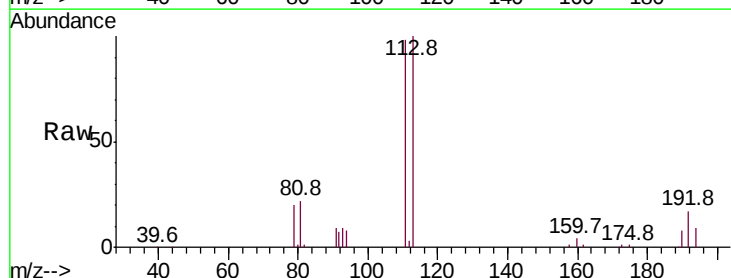
Tgt Ion:113 Resp: 242823

Ion Ratio Lower Upper

113 100

111 97.6 78.5 117.7

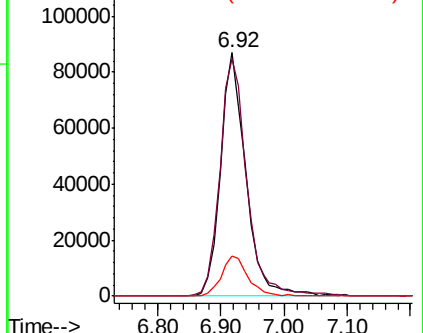
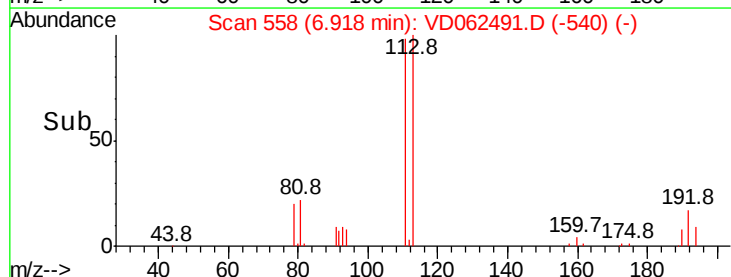
192 16.6 13.0 19.4

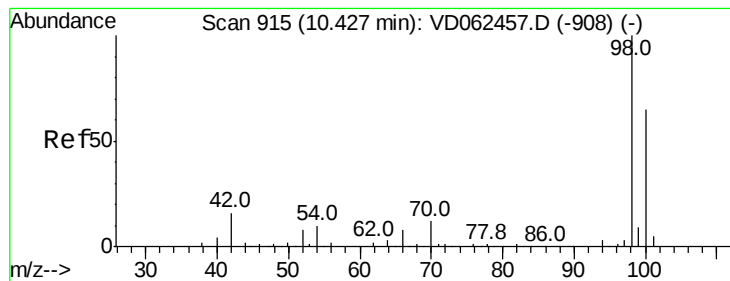


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 33.662 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.03 min

Lab File: VD062491.D

Acq: 21 May 2019 19:47

Instrument :

MSVOA_D

ClientSampleId :

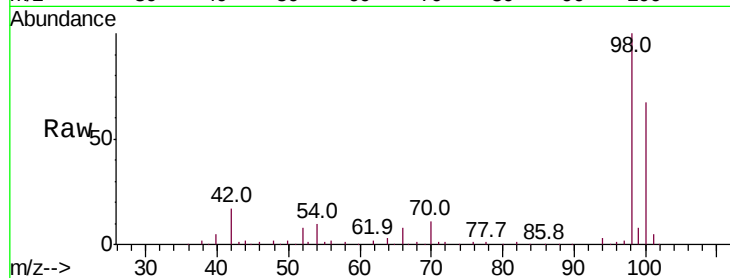
SUP-2C-G-1-052019

Tot Ion: 98 Resp: 508620

Ion Ratio Lower Upper

98 100

100 67.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

250000

200000

150000

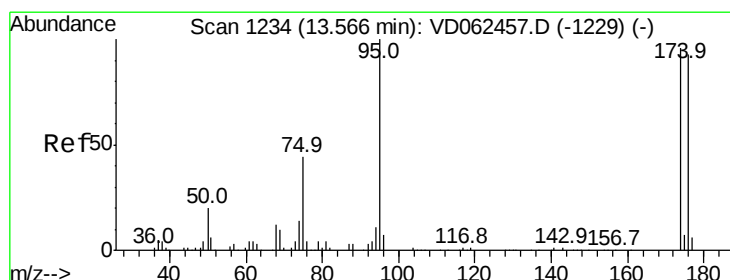
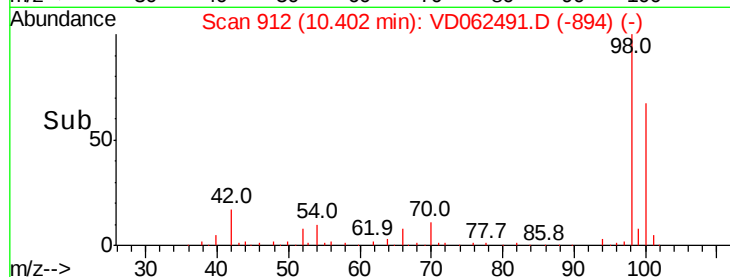
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 35.155 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD062491.D

Acq: 21 May 2019 19:47

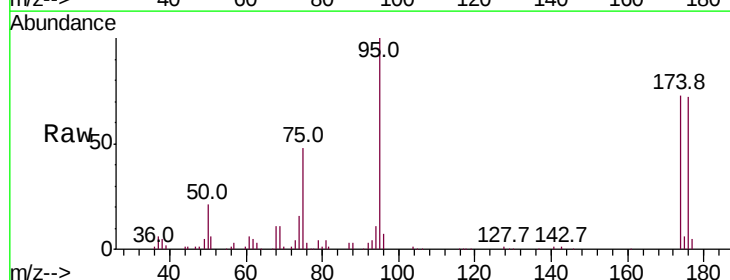
Tgt Ion: 95 Resp: 232356

Ion Ratio Lower Upper

95 100

174 73.5 0.0 181.8

176 71.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

200000

150000

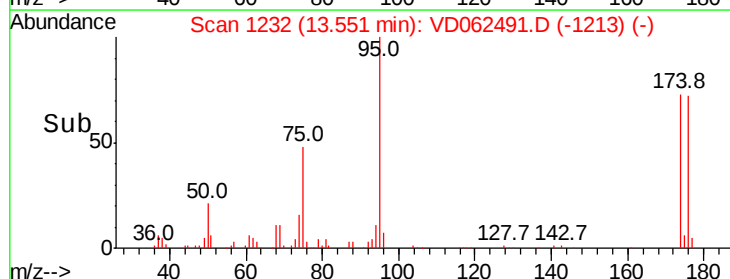
100000

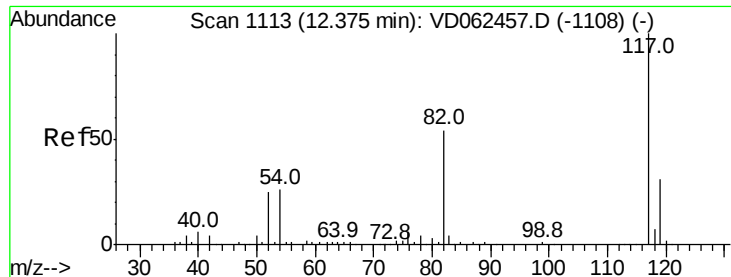
50000

0

13.50 13.55 13.60 13.65

Time-->

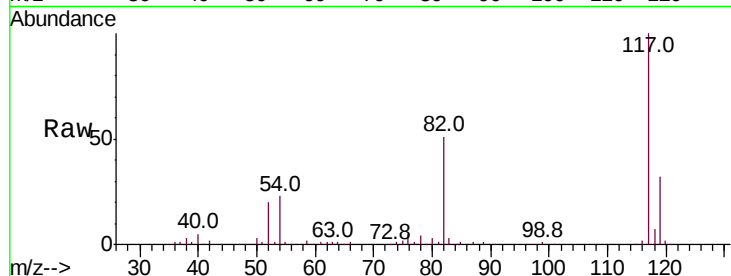




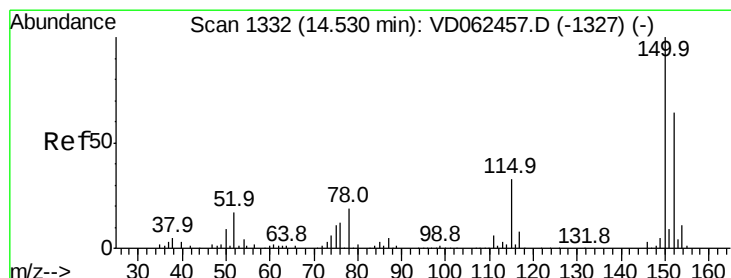
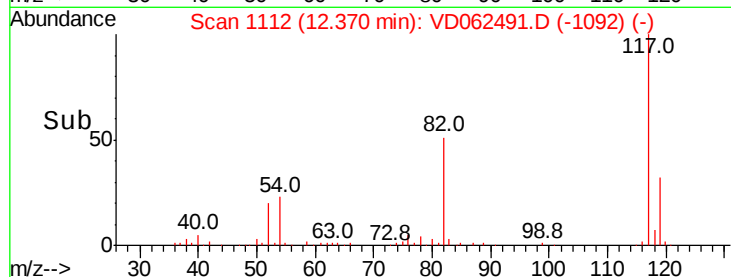
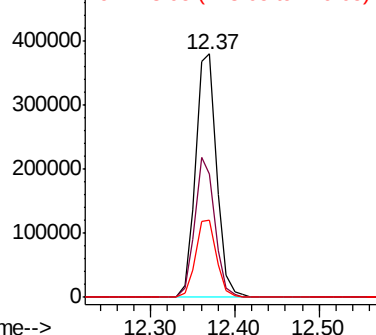
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062491.D
Acq: 21 May 2019 19:47

Instrument :
MSVOA_D
ClientSampleId :
SUP-2C-G-1-052019

Tot Ion:117 Resp: 661624
Ion Ratio Lower Upper
117 100
82 50.7 36.2 54.2
119 31.9 26.2 39.4

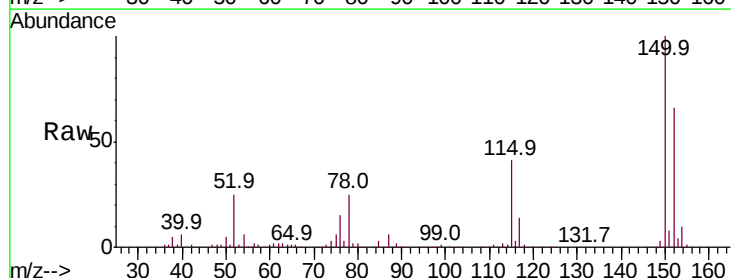


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062491.D
Acq: 21 May 2019 19:47

Tgt Ion:152 Resp: 323305
Ion Ratio Lower Upper
152 100
115 61.4 30.9 92.7
150 151.5 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

