

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063153.D
 Acq On : 19 Jul 2019 14:57
 Operator : VA/AP
 Sample : K3835-04RE
 Misc : 6.49g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-2(10-12)RE

Quant Time: Jul 20 05:29:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	872362	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	1302291	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1120161	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	624182	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	358101	32.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	65.90%	
35) Dibromofluoromethane	6.93	113	400050	30.84	ug/l	0.02
Spiked Amount	50.000		Recovery	=	61.68%	
50) Toluene-d8	10.41	98	842921	30.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.50%	
62) 4-Bromofluorobenzene	13.56	95	400100	31.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.08%	

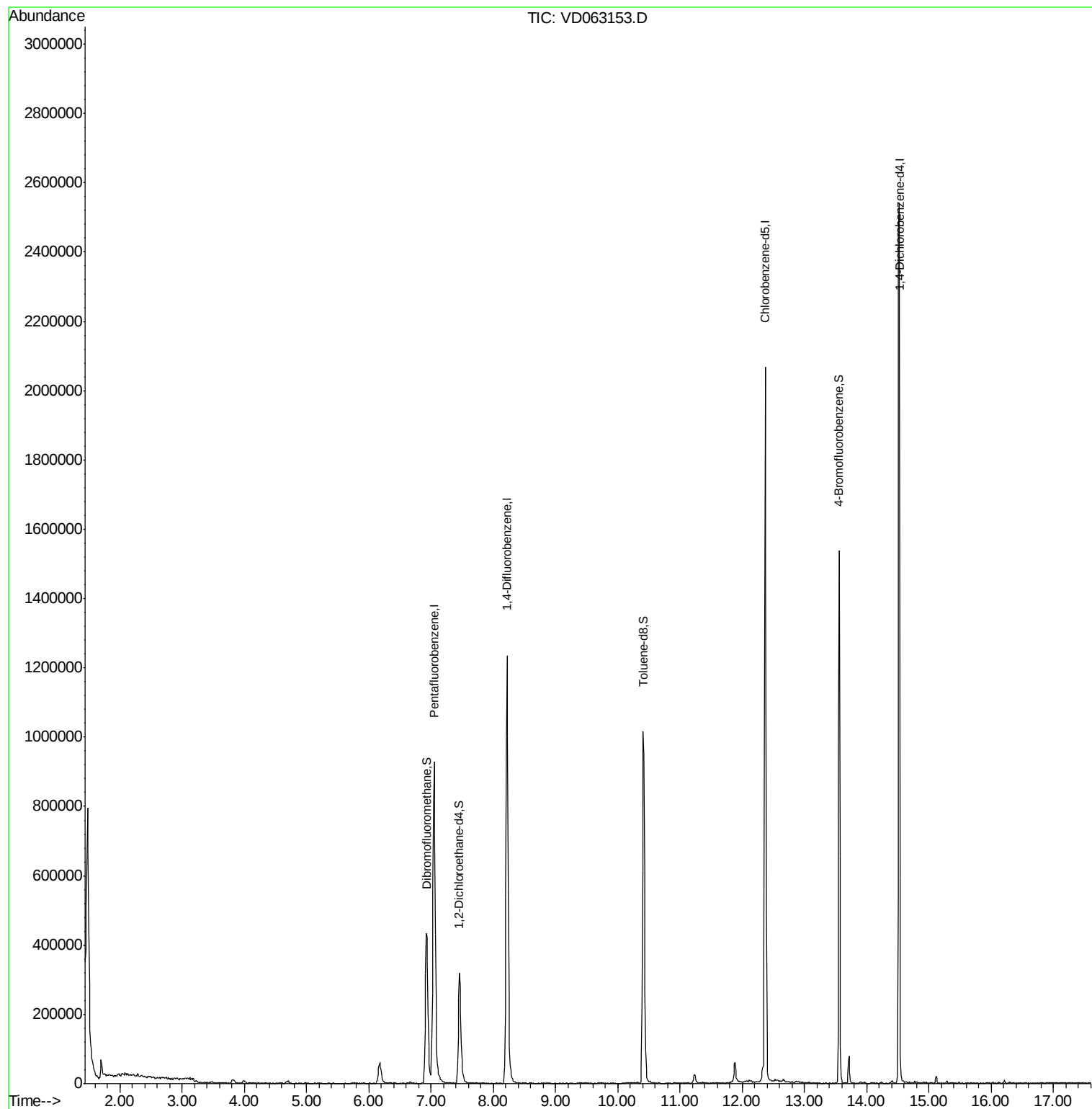
Target Compounds	Qvalue
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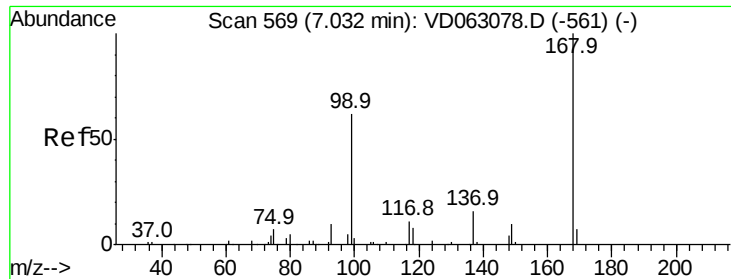
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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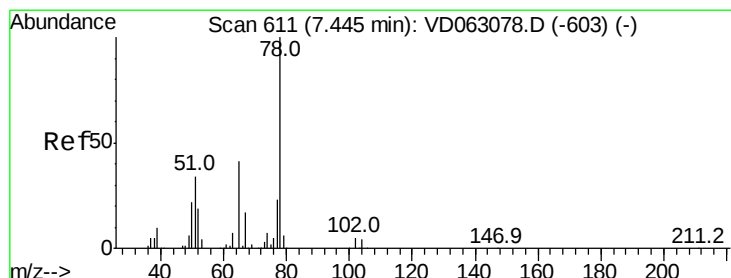
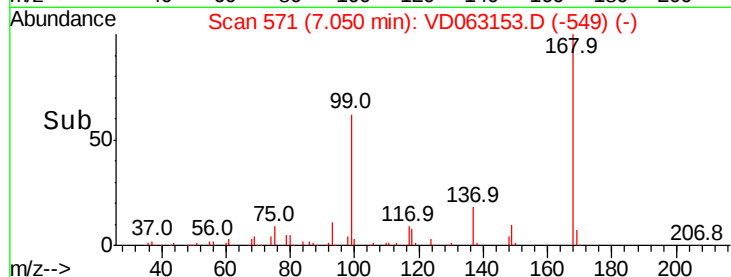
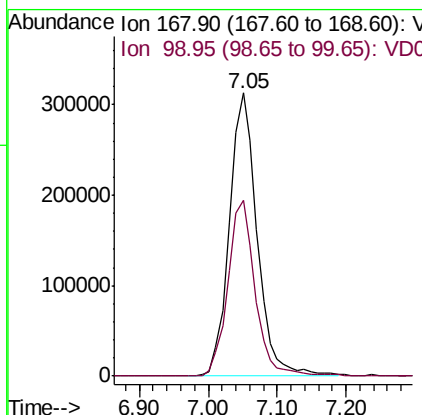
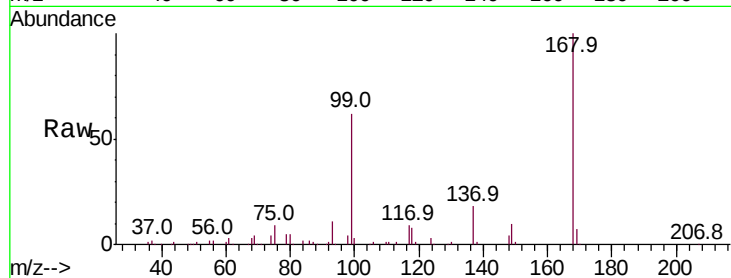




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.02 min
Lab File: VD063153.D
Acq: 19 Jul 2019 14:57

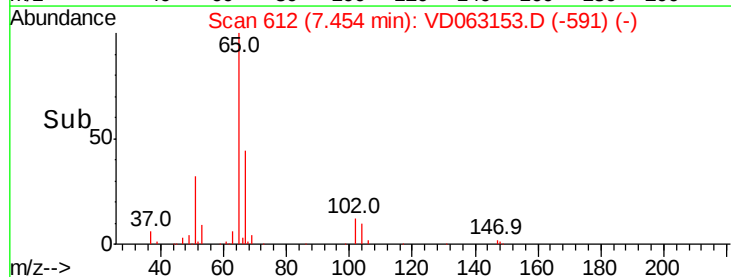
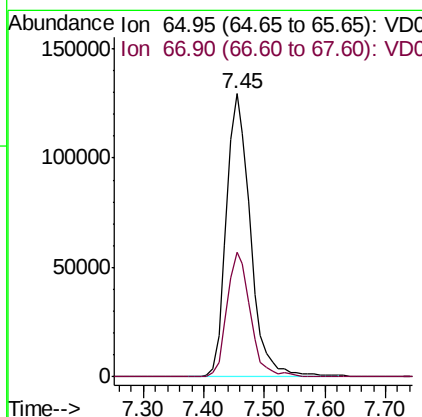
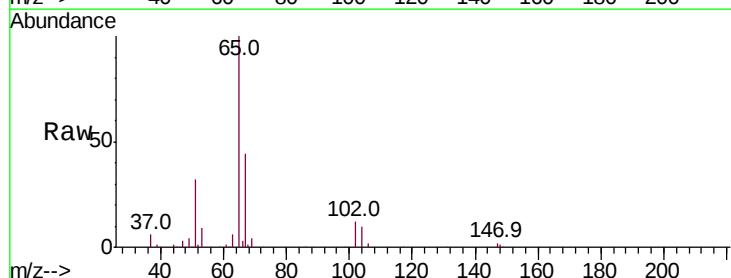
Instrument :
MSVOA_D
ClientSampleId :
SB-2(10-12)RE

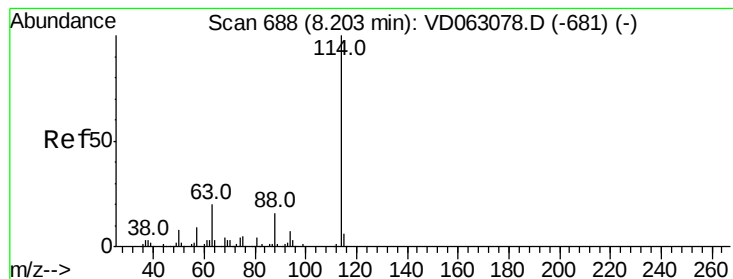
Tot Ion:168 Resp: 872362
Ion Ratio Lower Upper
168 100
99 61.9 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 32.953 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.01 min
Lab File: VD063153.D
Acq: 19 Jul 2019 14:57

Tgt Ion: 65 Resp: 358101
Ion Ratio Lower Upper
65 100
67 44.0 0.0 86.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.02 min

Lab File: VD063153.D

Acq: 19 Jul 2019 14:57

Instrument :

MSVOA_D

ClientSampleId :

SB-2(10-12)RE

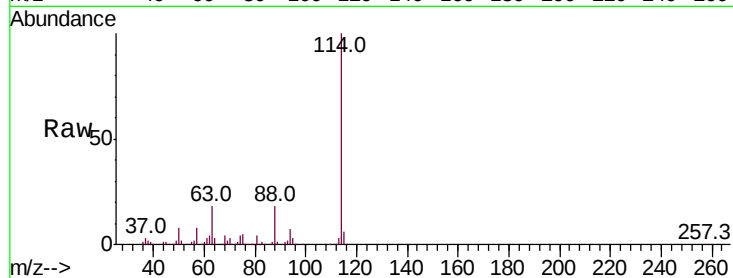
Tot Ion:114 Resp: 1302291

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.6

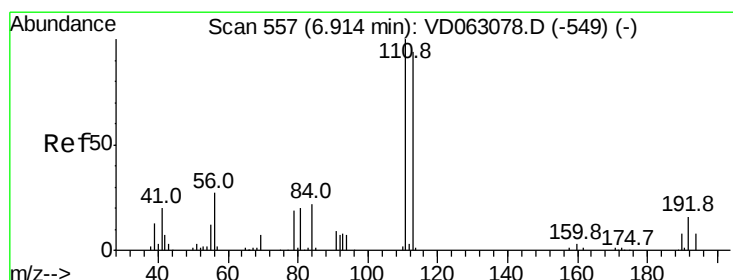
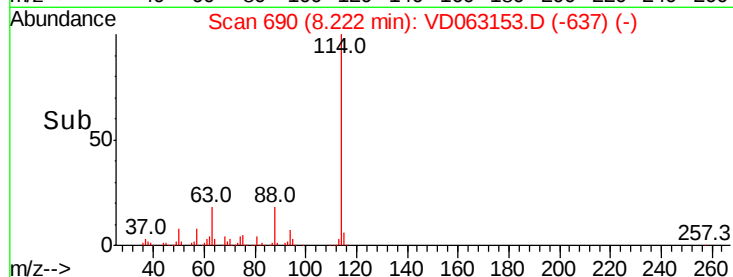
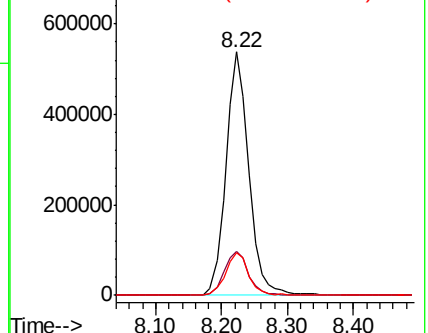
88 17.7 0.0 32.6



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: 30.842 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063153.D

Acq: 19 Jul 2019 14:57

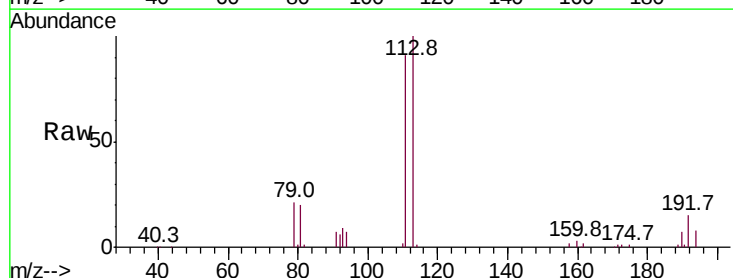
Tgt Ion:113 Resp: 400050

Ion Ratio Lower Upper

113 100

111 91.2 84.8 127.2

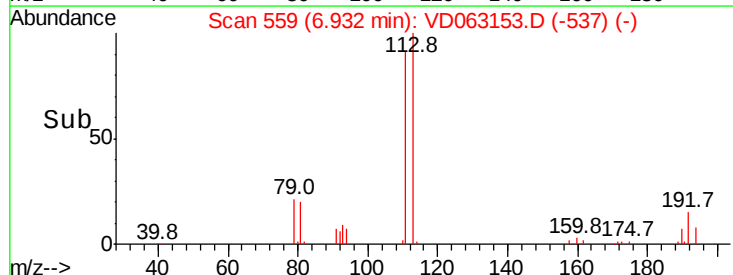
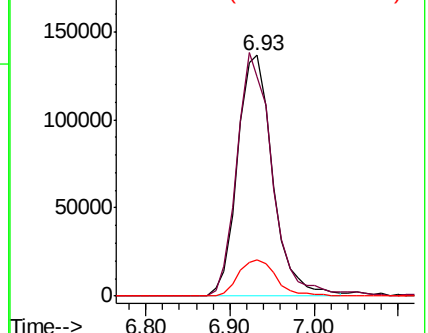
192 15.3 13.4 20.0

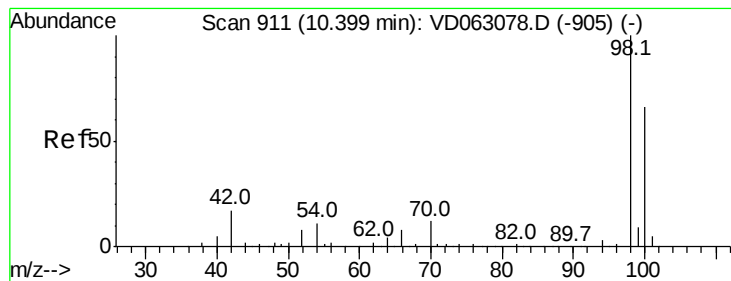


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 30.253 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063153.D

Acq: 19 Jul 2019 14:57

Instrument :

MSVOA_D

ClientSampleId :

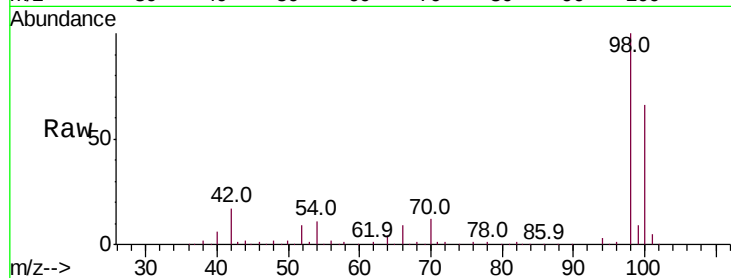
SB-2(10-12)RE

Tot Ion: 98 Resp: 842921

Ion Ratio Lower Upper

98 100

100 65.7 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.41

400000

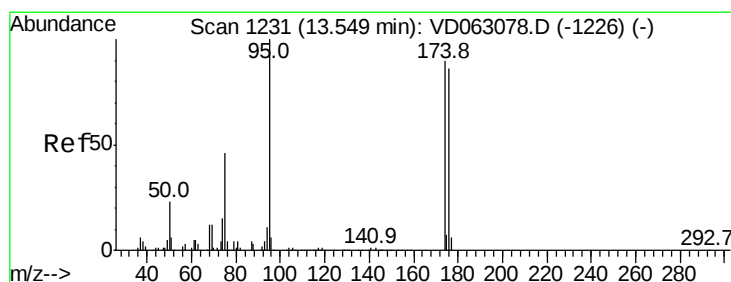
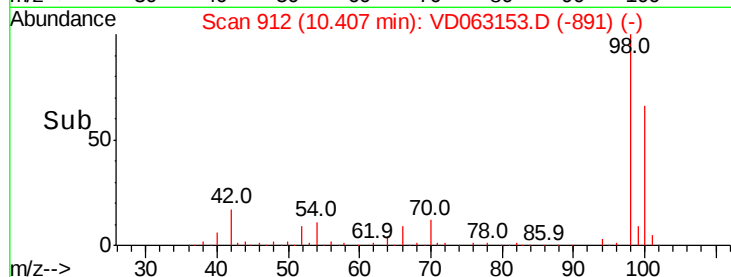
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 31.040 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063153.D

Acq: 19 Jul 2019 14:57

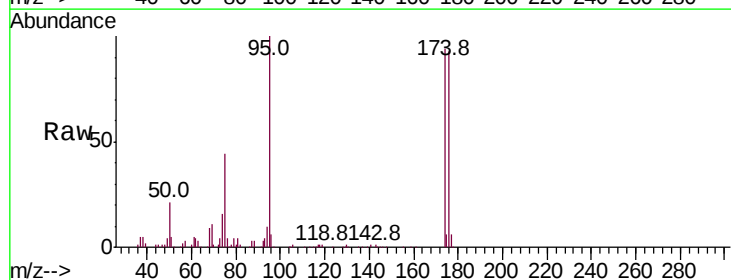
Tgt Ion: 95 Resp: 400100

Ion Ratio Lower Upper

95 100

174 94.3 0.0 180.6

176 93.2 0.0 172.2



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

13.56

400000

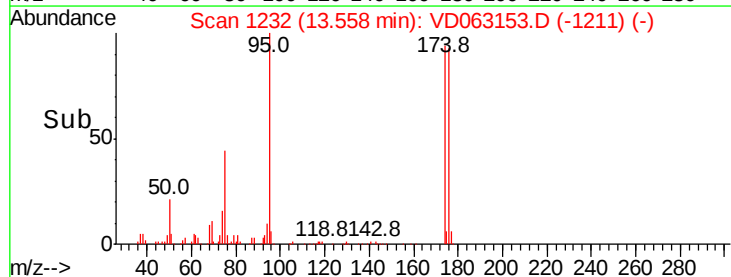
300000

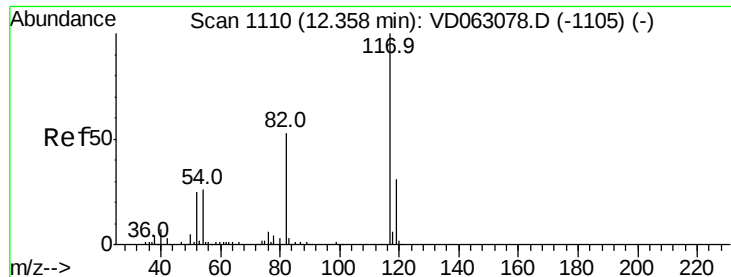
200000

100000

0

Time-->

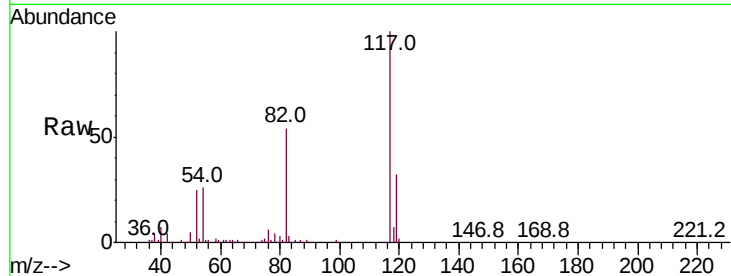




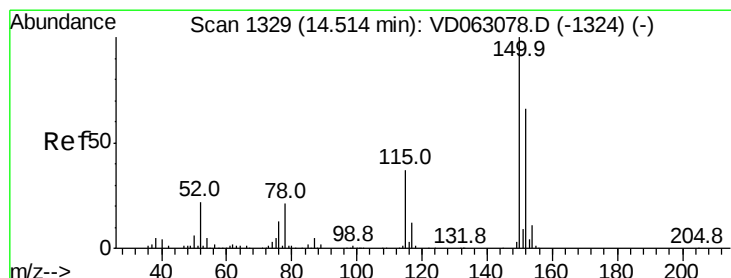
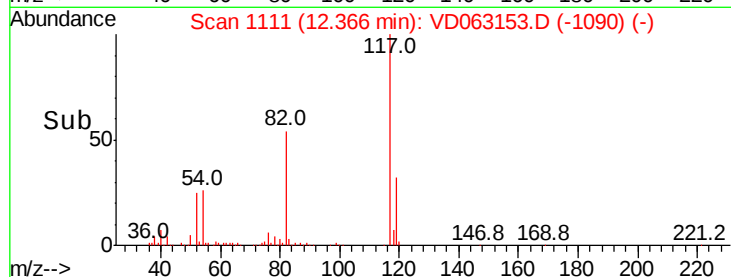
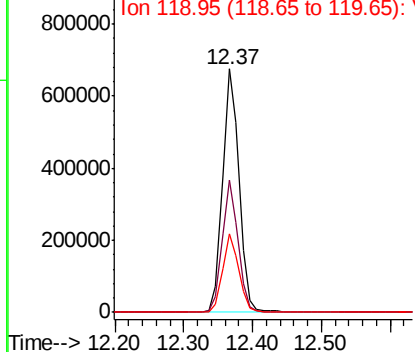
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063153.D
Acq: 19 Jul 2019 14:57

Instrument :
MSVOA_D
ClientSampleId :
SB-2(10-12)RE

Tot Ion:117 Resp: 1120161
Ion Ratio Lower Upper
117 100
82 54.3 42.3 63.5
119 32.0 25.2 37.8

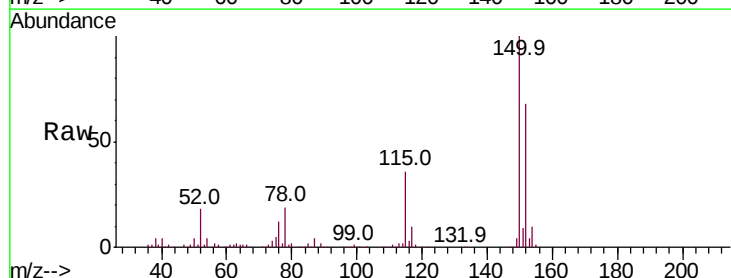


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063153.D
Acq: 19 Jul 2019 14:57

Tgt Ion:152 Resp: 624182
Ion Ratio Lower Upper
152 100
115 53.5 28.9 86.8
150 147.5 0.0 313.8



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

