

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071919\
 Data File : VD063156.D
 Acq On : 19 Jul 2019 16:18
 Operator : VA/AP
 Sample : K3811-01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2(PLAY-AREA)-0-6

Quant Time: Jul 20 05:33:44 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	521618	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	721138	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	400111	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	114035	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	497875	76.62	ug/l	0.01
Spiked Amount 50.000			Recovery	=	153.24%	
35) Dibromofluoromethane	6.93	113	483489	67.31	ug/l	0.01
Spiked Amount 50.000			Recovery	=	134.62%	
50) Toluene-d8	10.41	98	806949	52.30	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.60%	
62) 4-Bromofluorobenzene	13.55	95	191978	26.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	53.80%	

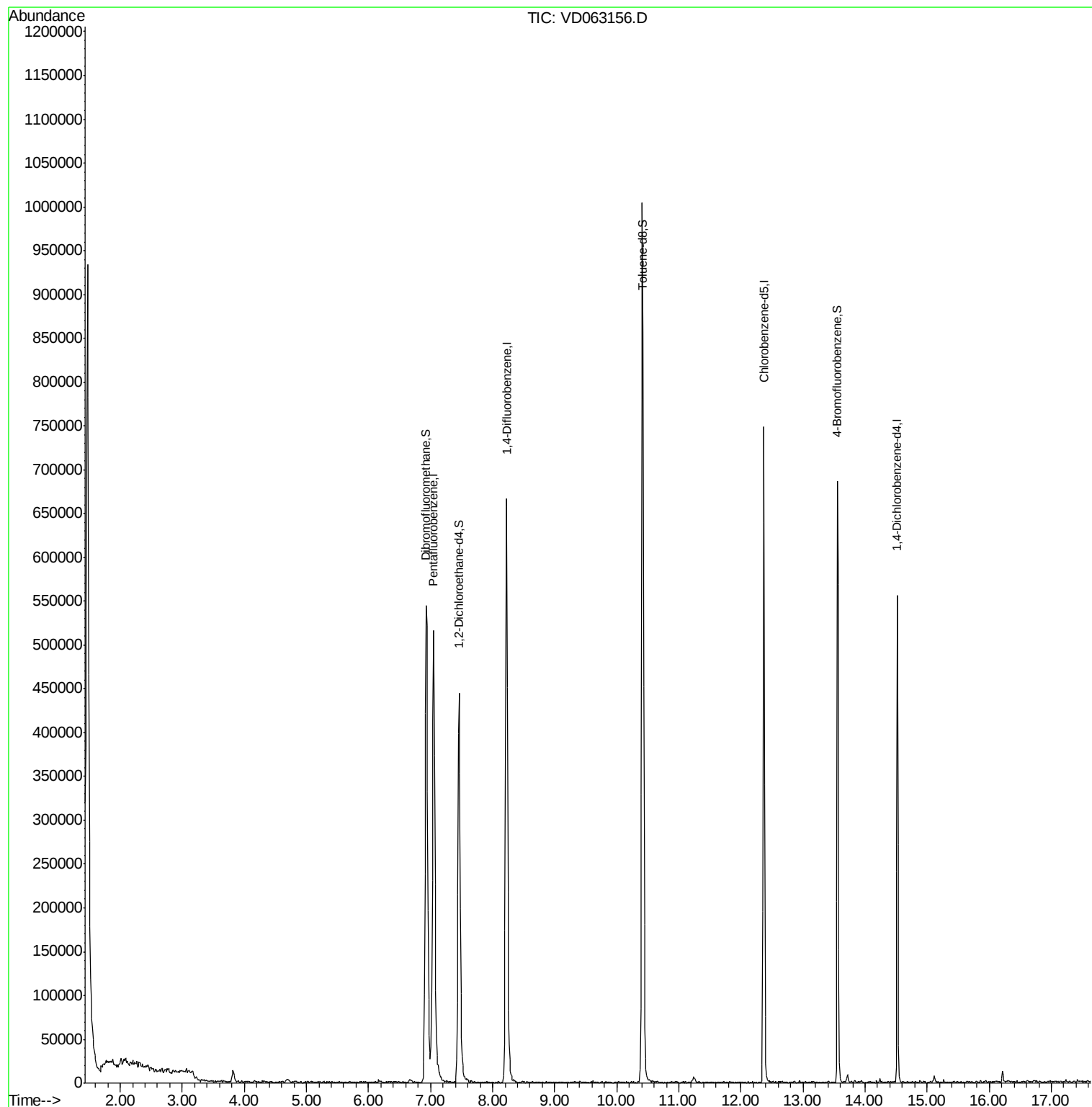
Target Compounds Qvalue

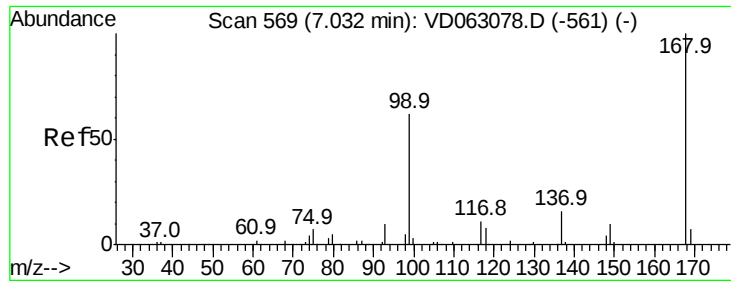
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.01 min

Lab File: VD063156.D

Acq: 19 Jul 2019 16:18

Instrument :

MSVOA_D

ClientSampleId :

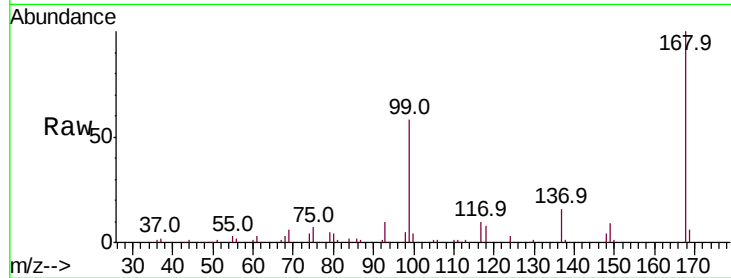
S-2(PLAY-AREA)-0-6

Tot Ion:168 Resp: 521618

Ion Ratio Lower Upper

168 100

99 57.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

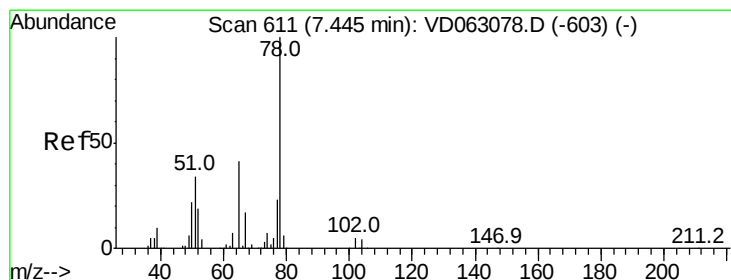
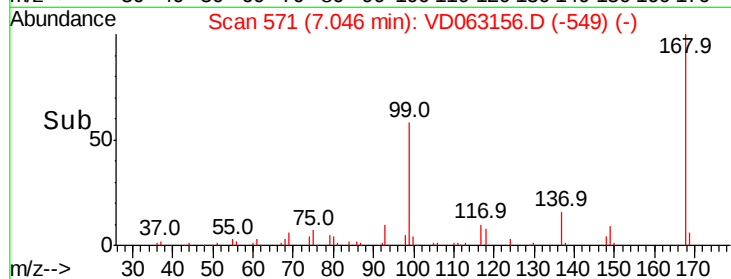
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 76.623 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063156.D

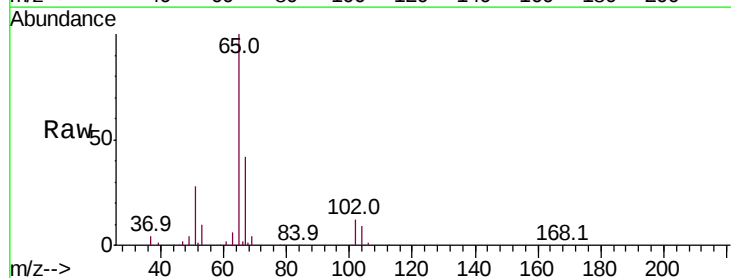
Acq: 19 Jul 2019 16:18

Tgt Ion: 65 Resp: 497875

Ion Ratio Lower Upper

65 100

67 42.4 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

150000

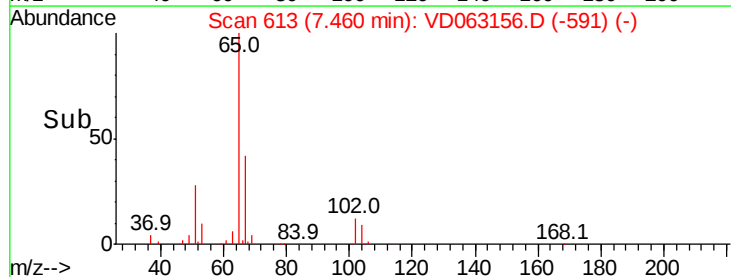
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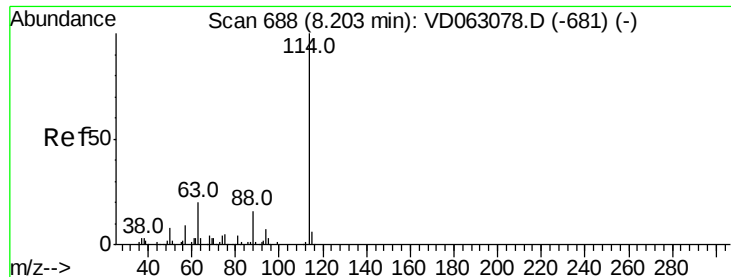
50000

0

Time-->

7.30 7.40 7.50 7.60

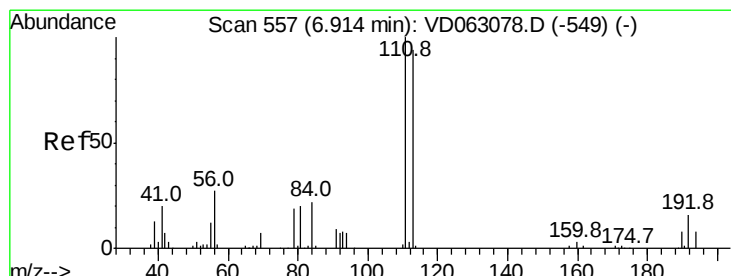
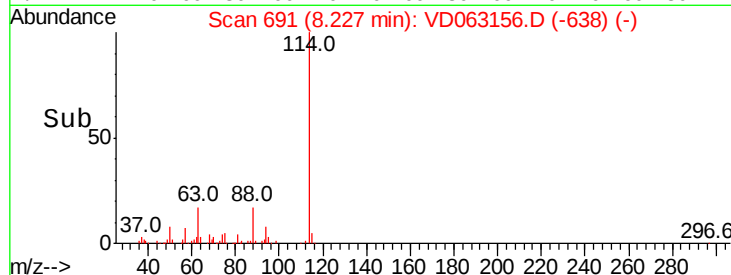
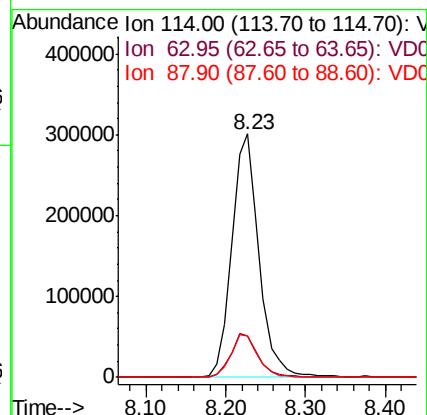
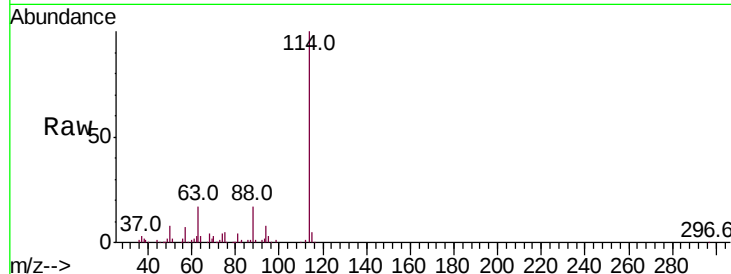




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.23 min Scan# 691
Delta R.T. 0.02 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

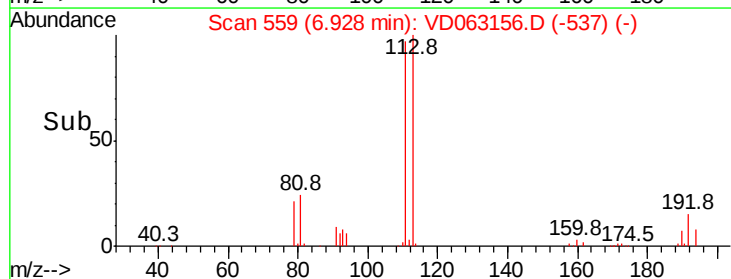
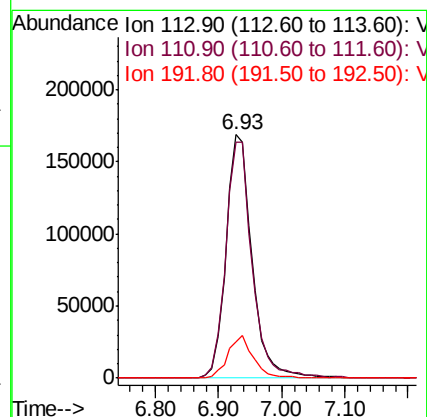
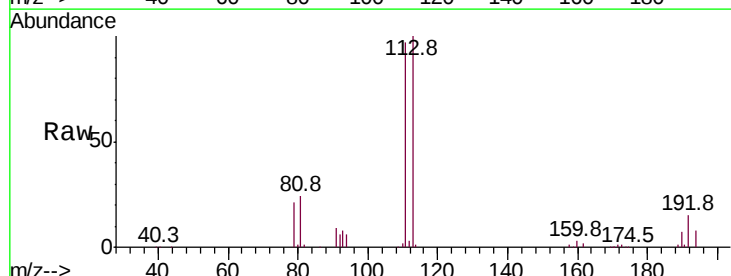
Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

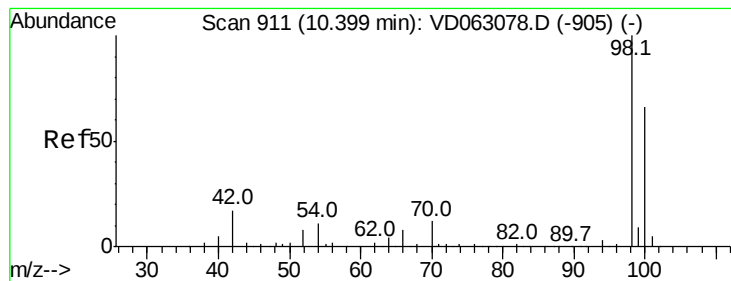
Tot Ion:114 Resp: 721138
Ion Ratio Lower Upper
114 100
63 17.0 0.0 40.6
88 17.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 67.313 ug/l
RT: 6.93 min Scan# 559
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion:113 Resp: 483489
Ion Ratio Lower Upper
113 100
111 97.1 84.8 127.2
192 15.2 13.4 20.0





#50

Toluene-d8

Concen: 52.302 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD063156.D

Acq: 19 Jul 2019 16:18

Instrument :

MSVOA_D

ClientSampleId :

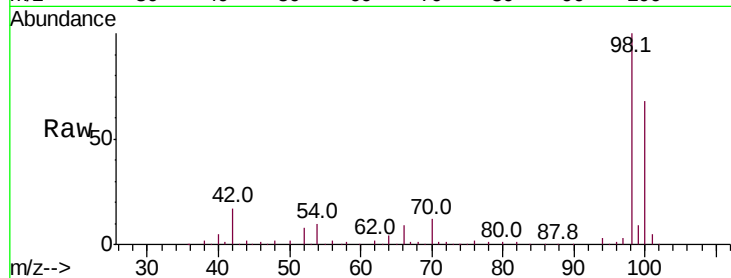
S-2(PLAY-AREA)-0-6

Tot Ion: 98 Resp: 806949

Ion Ratio Lower Upper

98 100

100 67.7 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)

10.41

400000

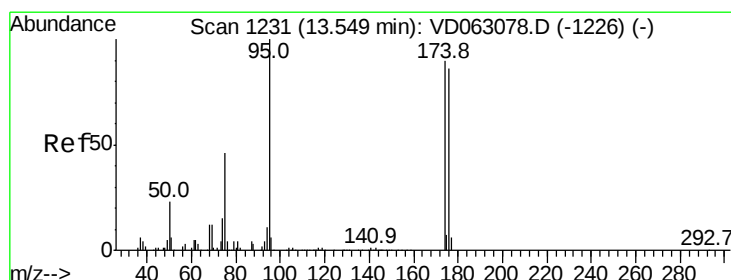
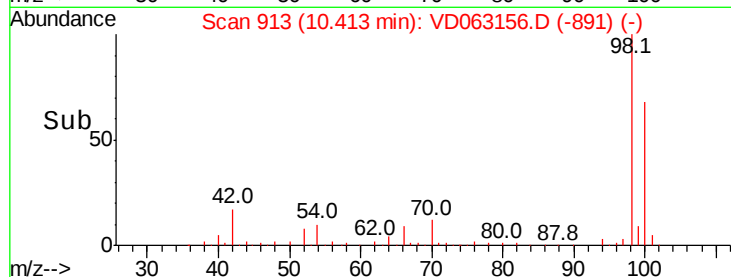
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 26.896 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063156.D

Acq: 19 Jul 2019 16:18

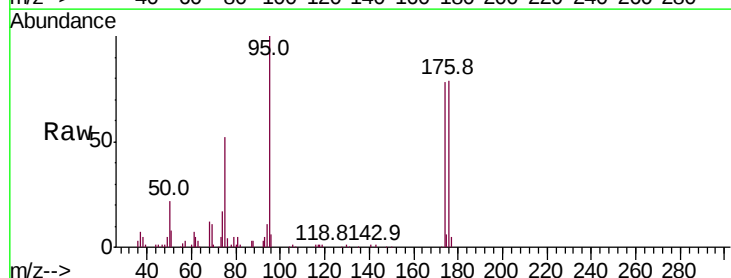
Tgt Ion: 95 Resp: 191978

Ion Ratio Lower Upper

95 100

174 78.1 0.0 180.6

176 79.3 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

13.55

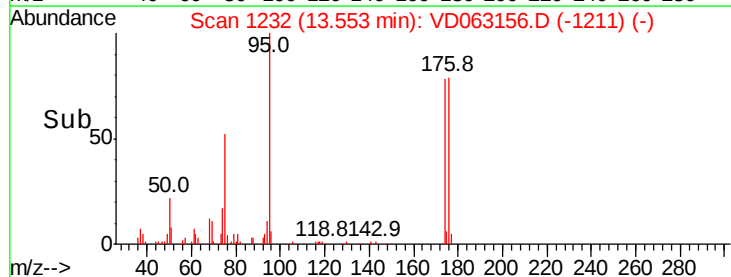
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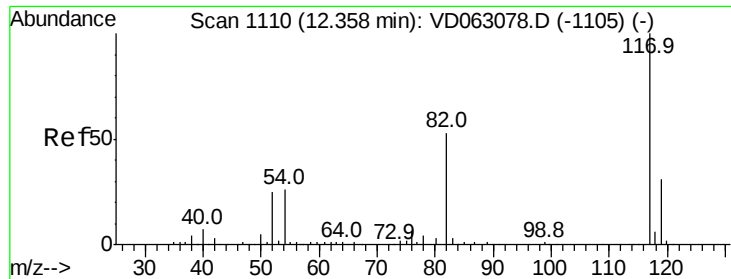
100000

50000

0

Time-->

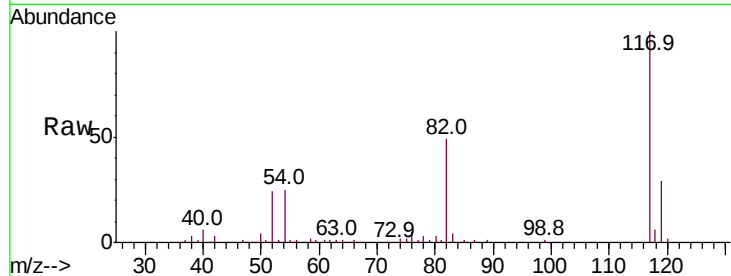




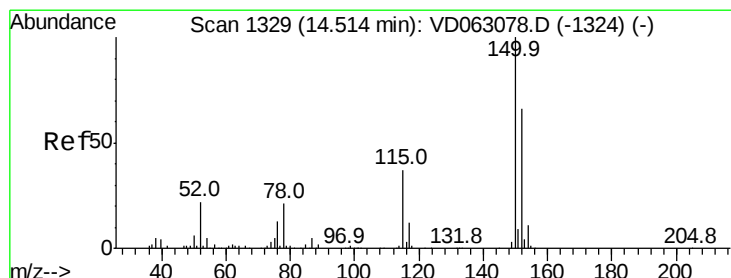
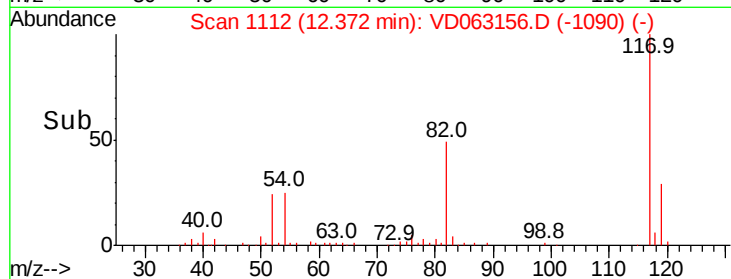
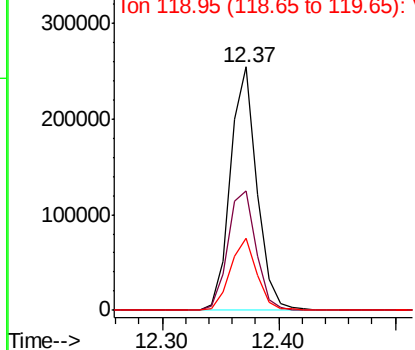
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Instrument :
MSVOA_D
ClientSampleId :
S-2(PLAY-AREA)-0-6

Tot Ion:117 Resp: 400111
Ion Ratio Lower Upper
117 100
82 48.9 42.3 63.5
119 29.5 25.2 37.8

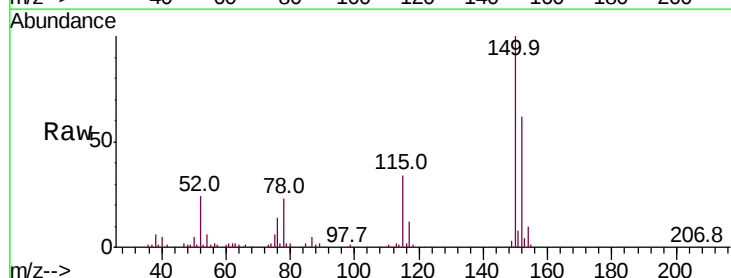


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063156.D
Acq: 19 Jul 2019 16:18

Tgt Ion:152 Resp: 114035
Ion Ratio Lower Upper
152 100
115 54.3 28.9 86.8
150 160.4 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

