

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062956.D
 Acq On : 28 Jun 2019 10:29
 Operator : VA/AP
 Sample : VD0628SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0628SBL01

Quant Time: Jun 29 00:38:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	951191	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	1271136	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	1091371	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	558109	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	508181	49.15	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.30%	
35) Dibromofluoromethane	6.90	113	528371	49.30	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	98.60%	
50) Toluene-d8	10.38	98	1191616	51.08	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	13.54	95	493731	46.55	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	93.10%	

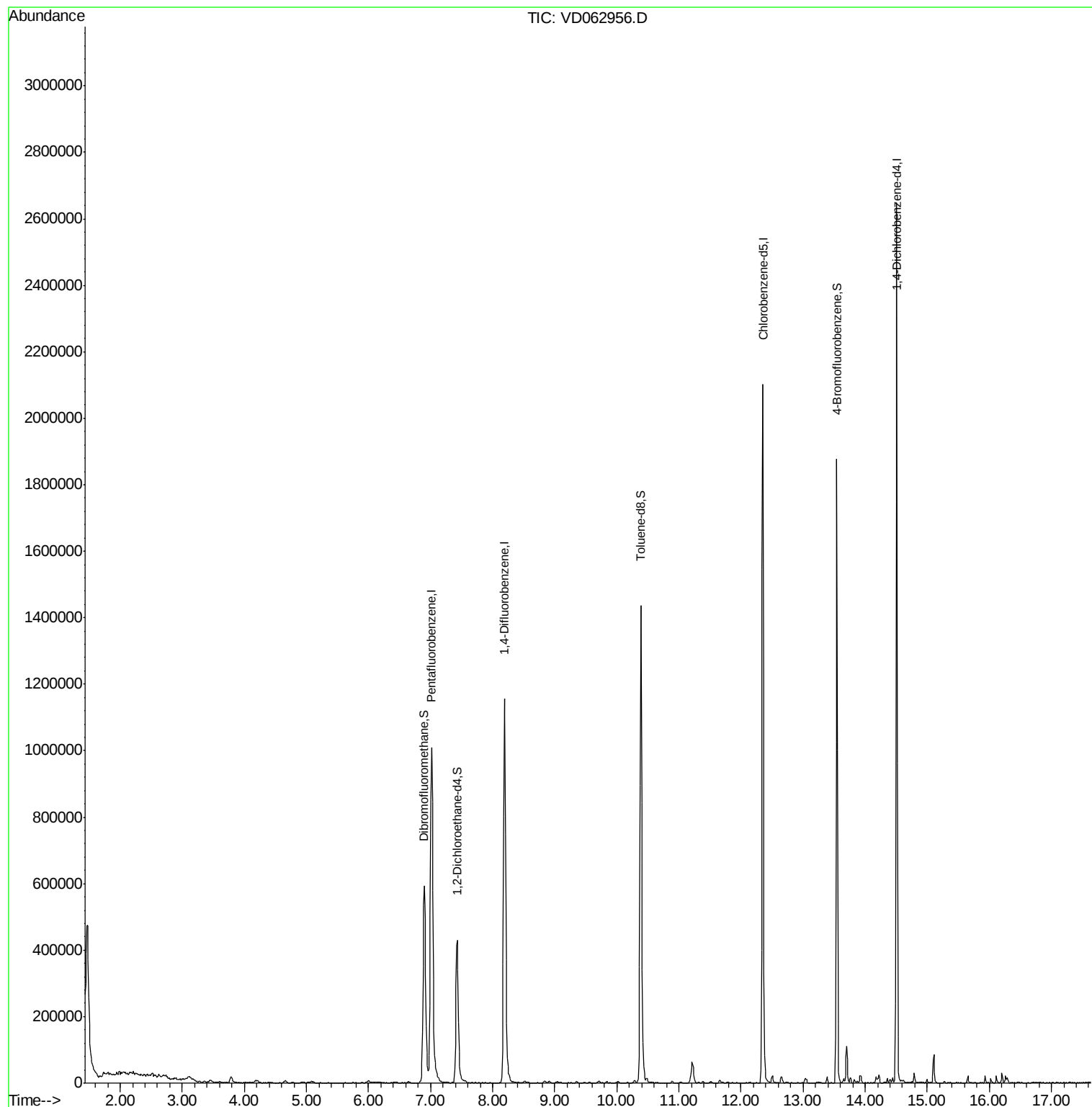
Target Compounds	Qvalue

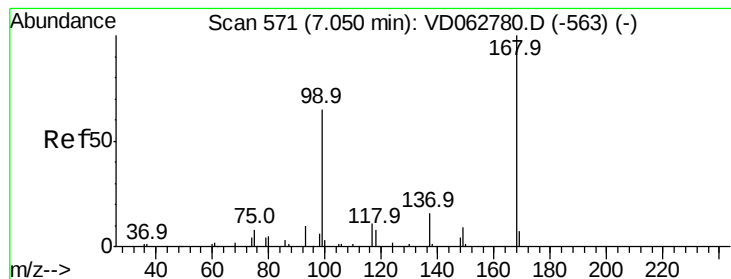
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062819\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062956.D

Acq: 28 Jun 2019 10:29

Instrument :

MSVOA_D

ClientSampleId :

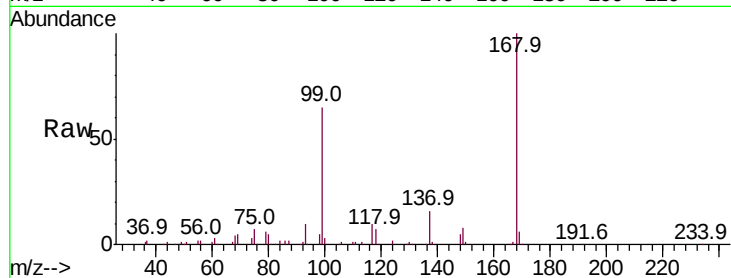
VD0628SBL01

Tot Ion:168 Resp: 951191

Ion Ratio Lower Upper

168 100

99 65.2 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

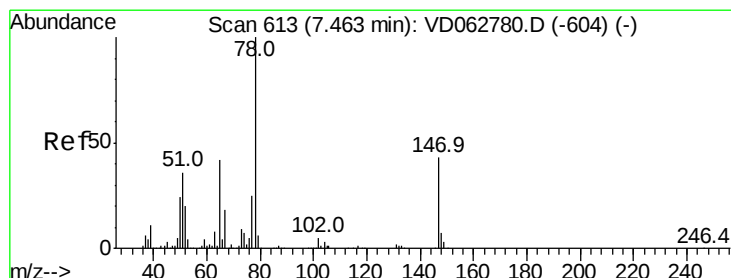
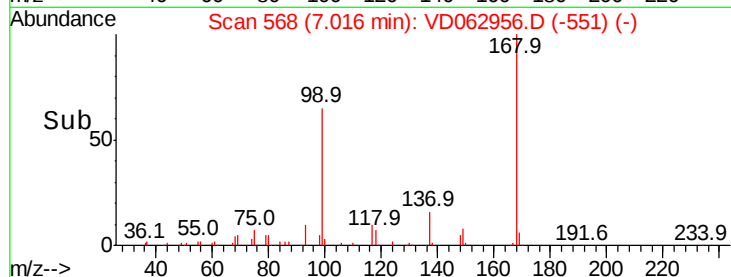
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.150 ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.03 min

Lab File: VD062956.D

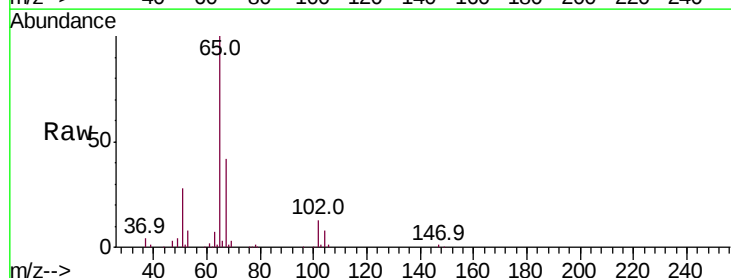
Acq: 28 Jun 2019 10:29

Tgt Ion: 65 Resp: 508181

Ion Ratio Lower Upper

65 100

67 41.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

200000

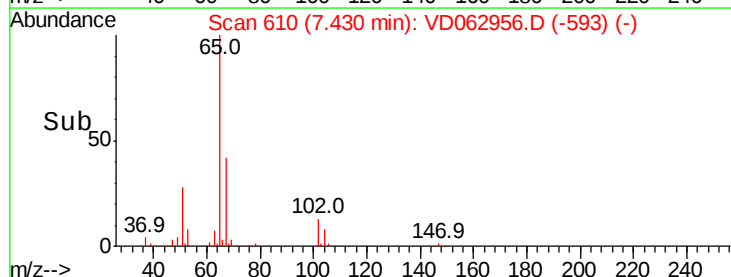
150000

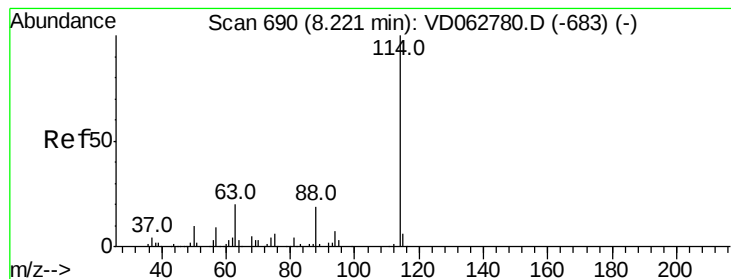
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.20 min Scan# 688

Delta R.T. -0.02 min

Lab File: VD062956.D

Acq: 28 Jun 2019 10:29

Instrument :

MSVOA_D

ClientSampleId :

VD0628SBL01

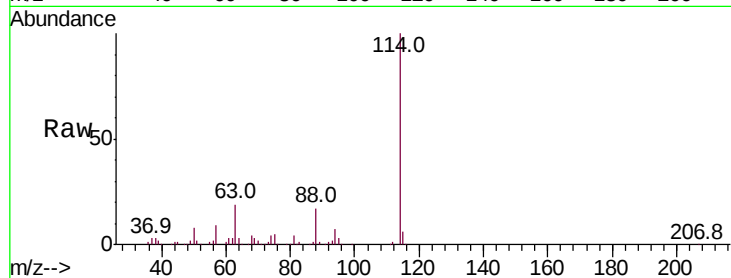
Tot Ion:114 Resp: 1271136

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

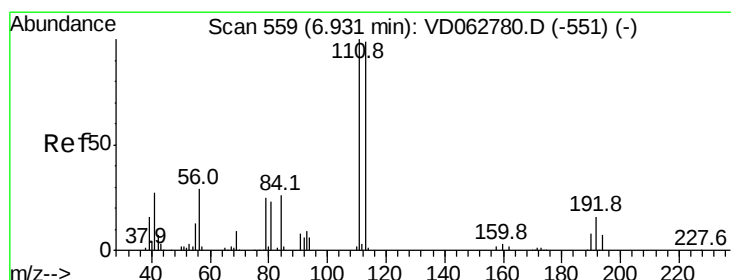
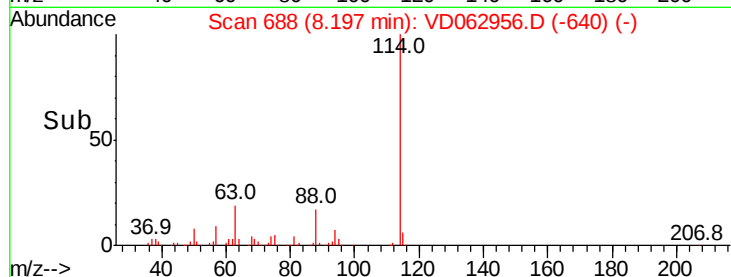
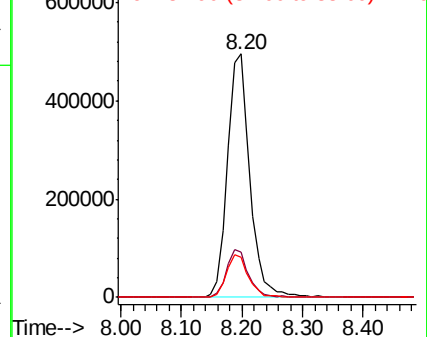
88 16.7 0.0 38.8



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: 49.297 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062956.D

Acq: 28 Jun 2019 10:29

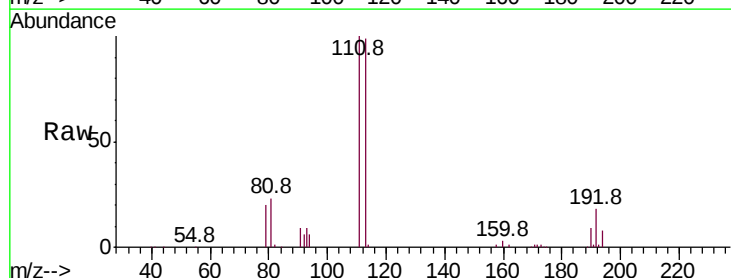
Tgt Ion:113 Resp: 528371

Ion Ratio Lower Upper

113 100

111 100.9 81.2 121.8

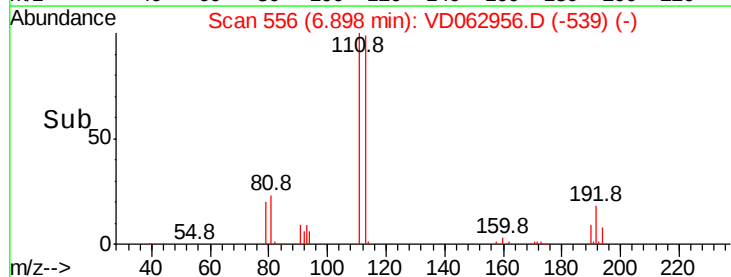
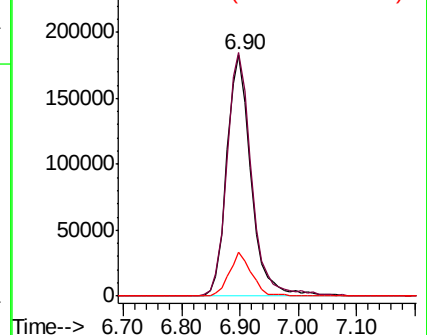
192 18.0 12.9 19.3

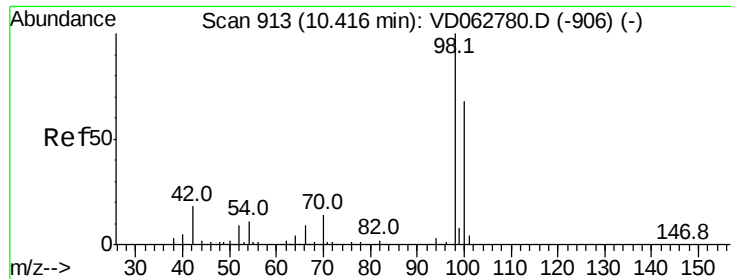


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

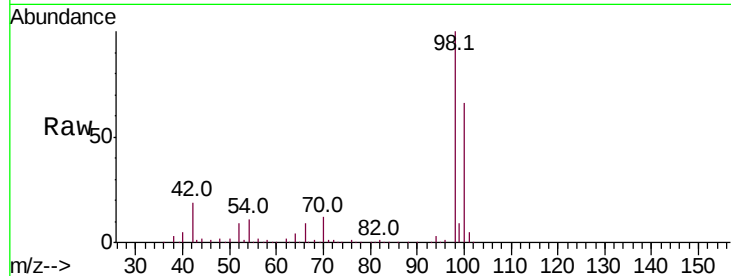




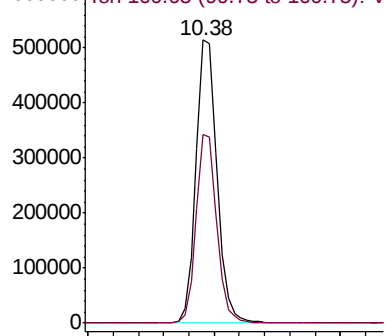
#50
Toluene-d8
Concen: 51.082 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

Instrument :
MSVOA_D
ClientSampleId :
VD0628SBL01

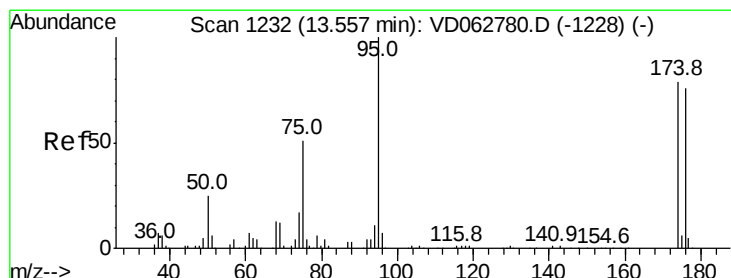
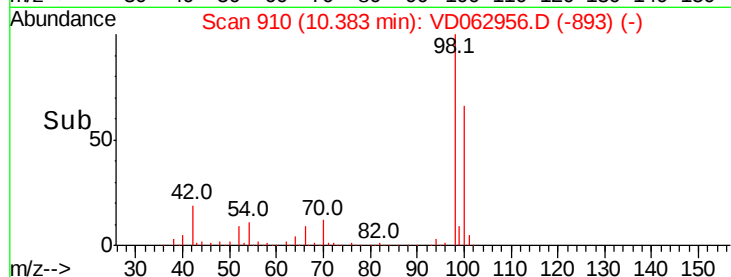
Tot Ion: 98 Resp: 1191616
Ion Ratio Lower Upper
98 100
100 66.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

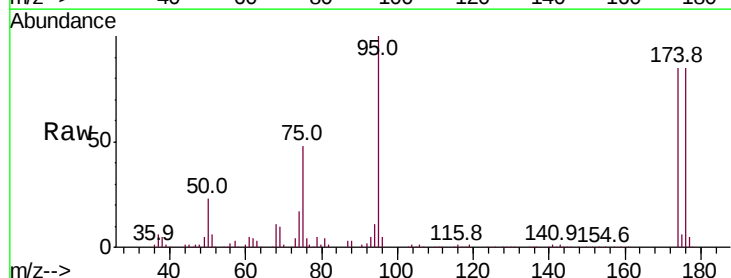


Time--> 10.20 10.40 10.60

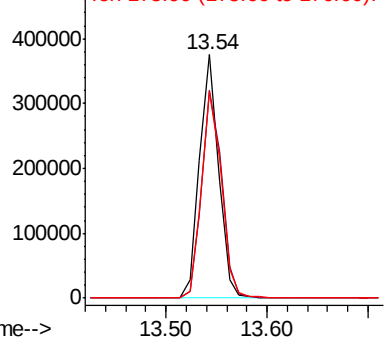


#62
4-Bromofluorobenzene
Concen: 46.547 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062956.D
Acq: 28 Jun 2019 10:29

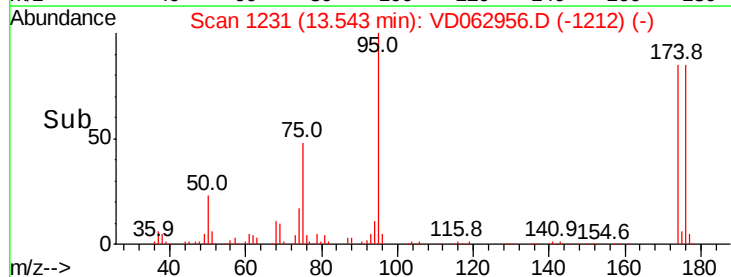
Tgt Ion: 95 Resp: 493731
Ion Ratio Lower Upper
95 100
174 85.1 0.0 158.0
176 84.9 0.0 151.6

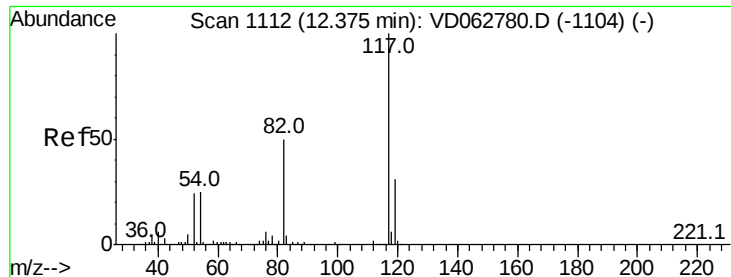


Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)



Time--> 13.50 13.60





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD062956.D

Acq: 28 Jun 2019 10:29

Instrument :

MSVOA_D

ClientSampleId :

VD0628SBL01

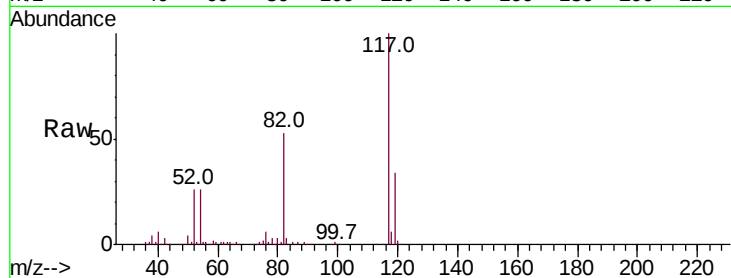
Tot Ion:117 Resp: 1091371

Ion Ratio Lower Upper

117 100

82 52.8 40.4 60.6

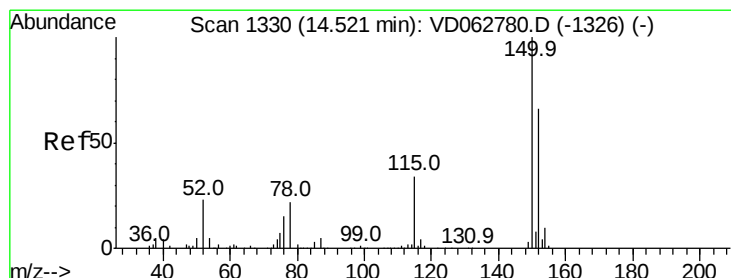
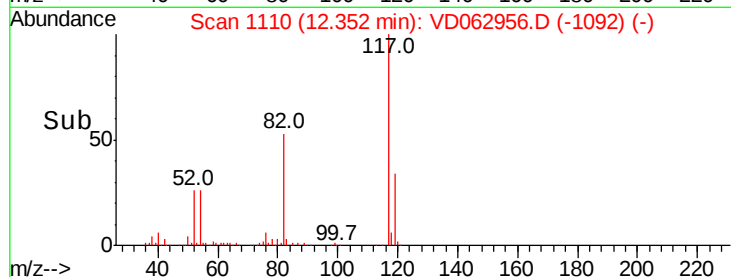
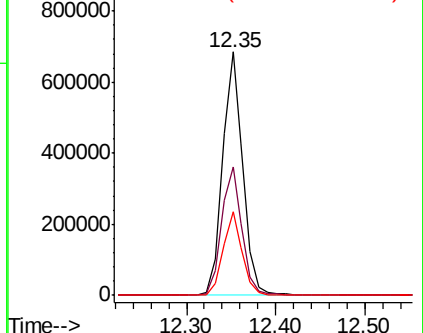
119 34.3 25.2 37.8



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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062956.D

Acq: 28 Jun 2019 10:29

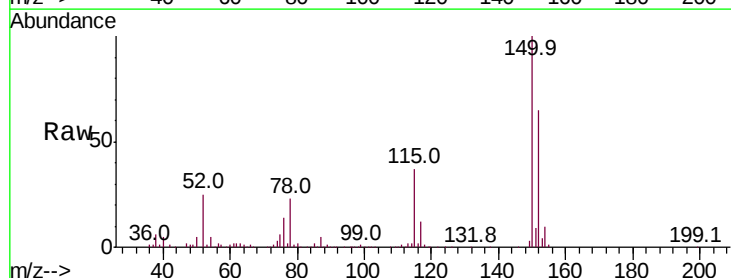
Tgt Ion:152 Resp: 558109

Ion Ratio Lower Upper

152 100

115 56.8 29.2 87.6

150 152.8 0.0 305.8



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

