

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062812.D
 Acq On : 21 Jun 2019 13:20
 Operator : VA/AP
 Sample : K3455-07RE
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-GISRE

Quant Time: Jun 22 04:39:11 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	7.05	168	505951	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	621103	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	350070	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	93395	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	302673	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
35) Dibromofluoromethane	6.94	113	313621	59.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.76%	
50) Toluene-d8	10.42	98	509444	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
62) 4-Bromofluorobenzene	13.56	95	138491	26.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.44%	

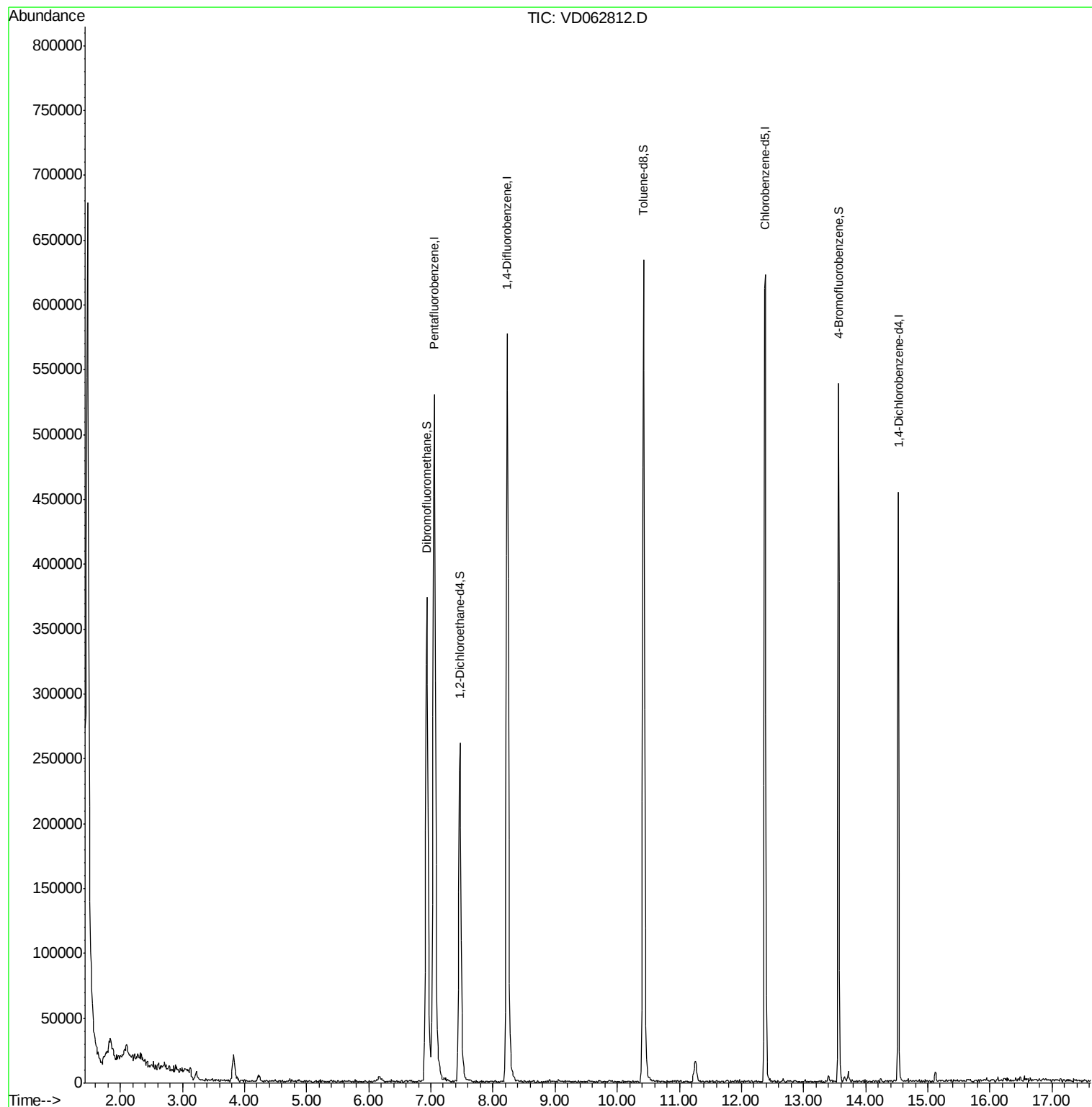
Target Compounds	Qvalue

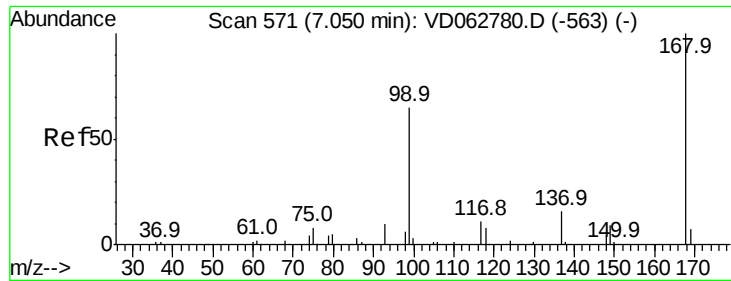
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062812.D

Acq: 21 Jun 2019 13:20

Instrument :

MSVOA_D

ClientSampleId :

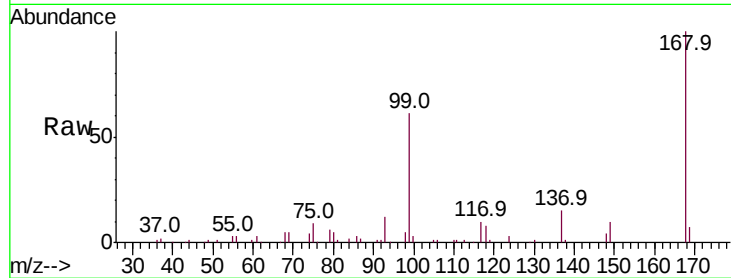
TP-4-GISRE

Tot Ion:168 Resp: 505951

Ion Ratio Lower Upper

168 100

99 60.7 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

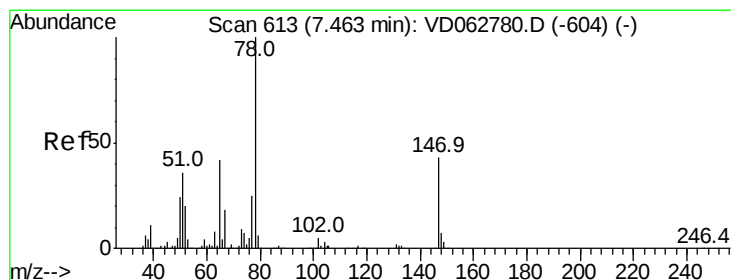
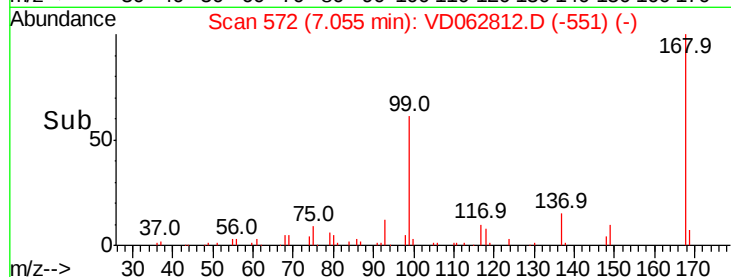
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.035 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062812.D

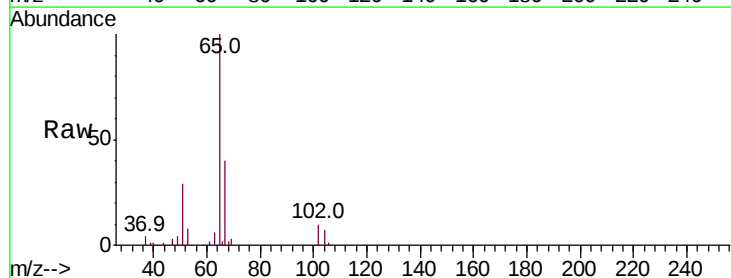
Acq: 21 Jun 2019 13:20

Tgt Ion: 65 Resp: 302673

Ion Ratio Lower Upper

65 100

67 40.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

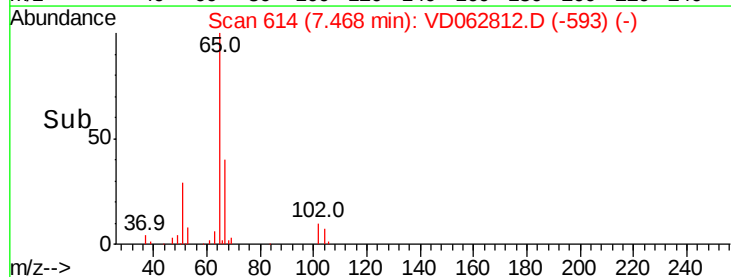
7.47

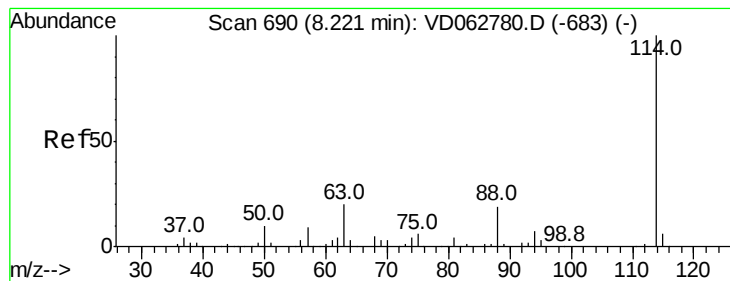
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062812.D

Acq: 21 Jun 2019 13:20

Instrument :

MSVOA_D

ClientSampleId :

TP-4-GISRE

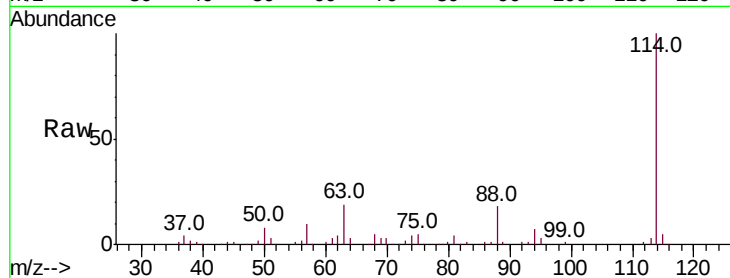
Tot Ion:114 Resp: 621103

Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.0

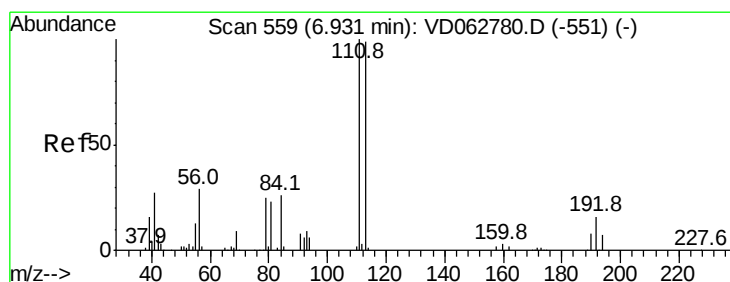
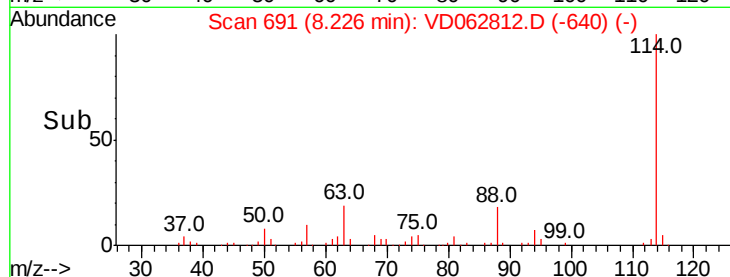
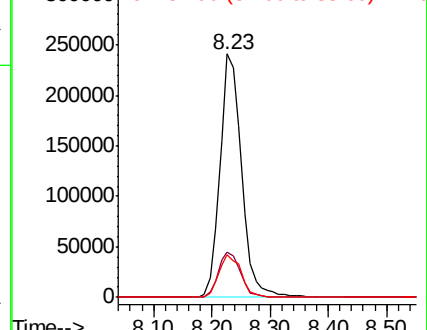
88 17.5 0.0 38.8



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: 59.884 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD062812.D

Acq: 21 Jun 2019 13:20

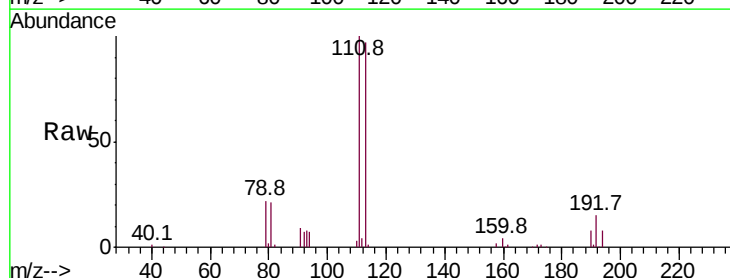
Tgt Ion:113 Resp: 313621

Ion Ratio Lower Upper

113 100

111 103.4 81.2 121.8

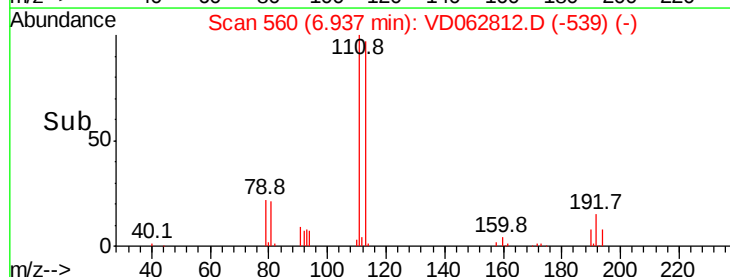
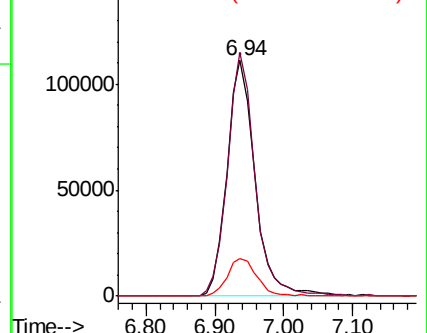
192 16.0 12.9 19.3

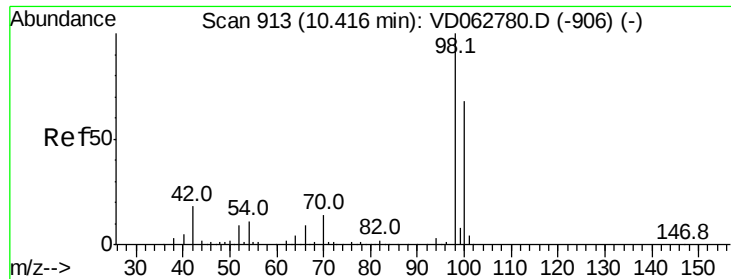


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 44.694 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062812.D

Acq: 21 Jun 2019 13:20

Instrument :

MSVOA_D

ClientSampleId :

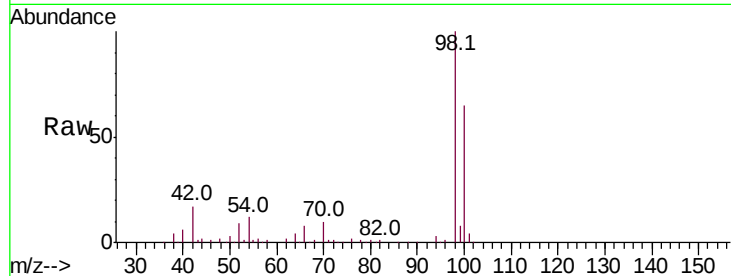
TP-4-GISRE

Tot Ion: 98 Resp: 509444

Ion Ratio Lower Upper

98 100

100 64.7 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

250000

200000

150000

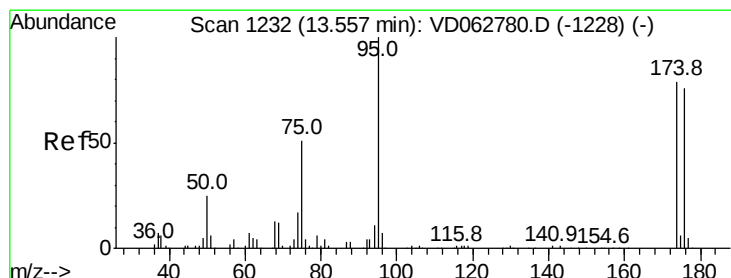
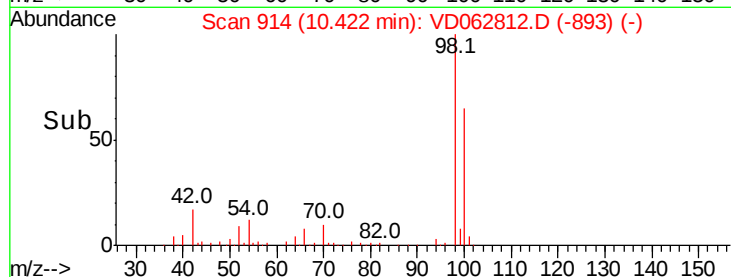
100000

50000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 26.721 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062812.D

Acq: 21 Jun 2019 13:20

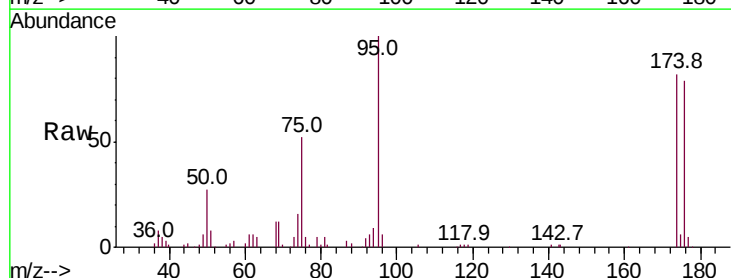
Tgt Ion: 95 Resp: 138491

Ion Ratio Lower Upper

95 100

174 82.2 0.0 158.0

176 79.5 0.0 151.6



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

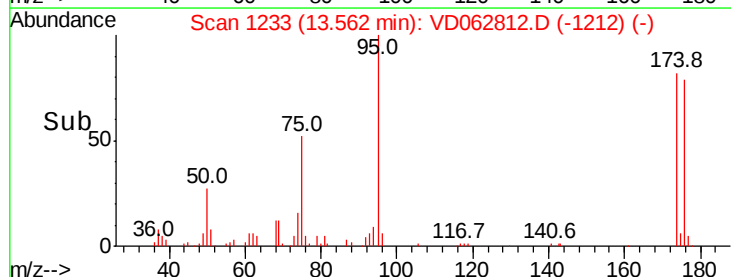
100000

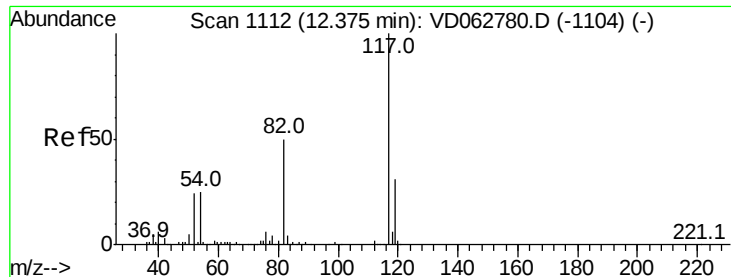
50000

0

Time-->

13.50 13.55 13.60 13.65

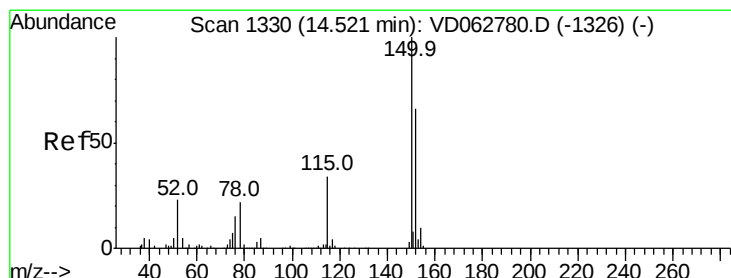
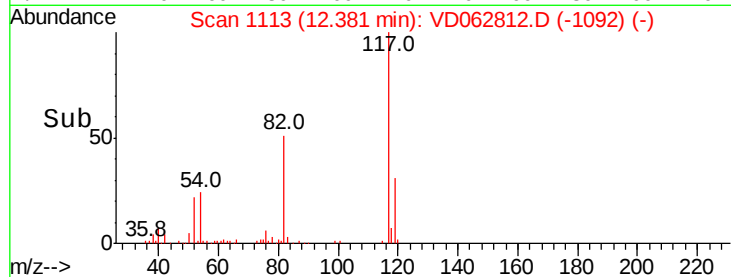
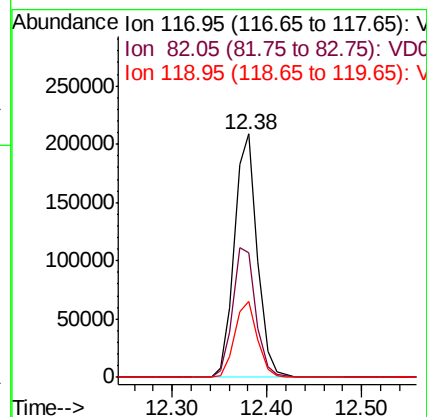
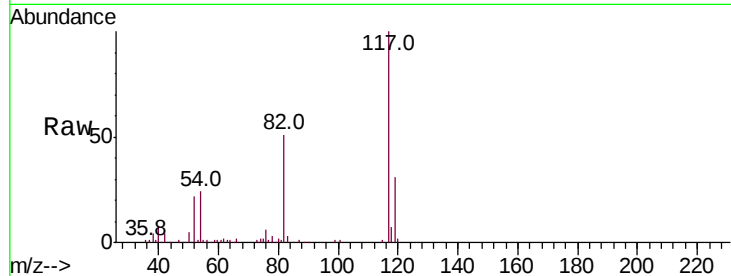




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.01 min
Lab File: VD062812.D
Acq: 21 Jun 2019 13:20

Instrument :
MSVOA_D
ClientSampleId :
TP-4-GISRE

Tot Ion:117 Resp: 350070
Ion Ratio Lower Upper
117 100
82 50.9 40.4 60.6
119 31.0 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062812.D
Acq: 21 Jun 2019 13:20

Tgt Ion:152 Resp: 93395
Ion Ratio Lower Upper
152 100
115 56.1 29.2 87.6
150 149.1 0.0 305.8

