

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063131.D
 Acq On : 17 Jul 2019 15:07
 Operator : VA/AP
 Sample : K3852-01
 Misc : 3.97g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-1_071619

Quant Time: Jul 18 07:46:31 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	7.04	168	863635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1173075	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	906498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	392255	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	344455	32.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.04%	
35) Dibromofluoromethane	6.92	113	376220	32.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	64.40%	
50) Toluene-d8	10.40	98	776920	30.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.92%	
62) 4-Bromofluorobenzene	13.55	95	266601	22.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	45.92%	

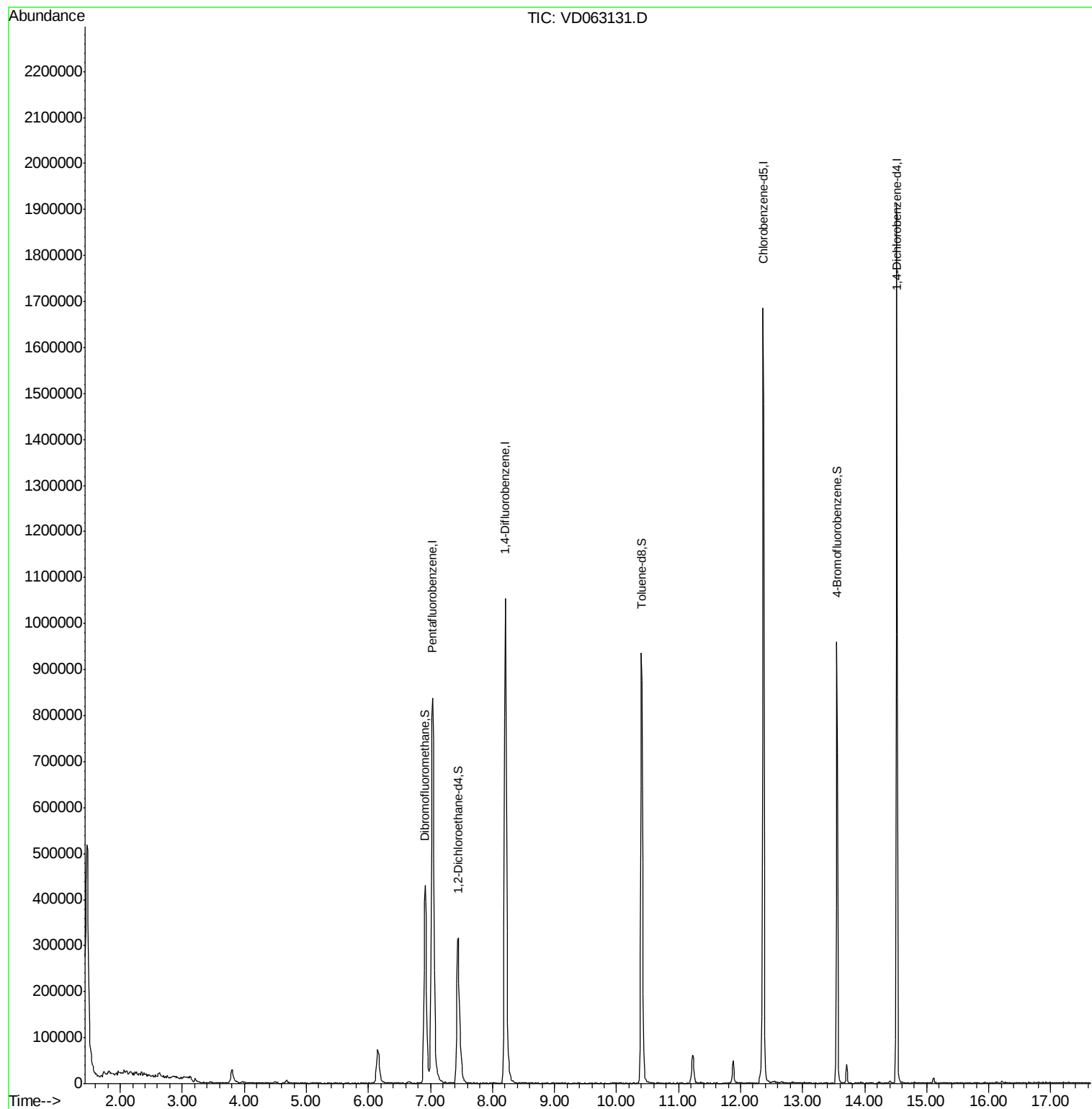
Target Compounds	Qvalue

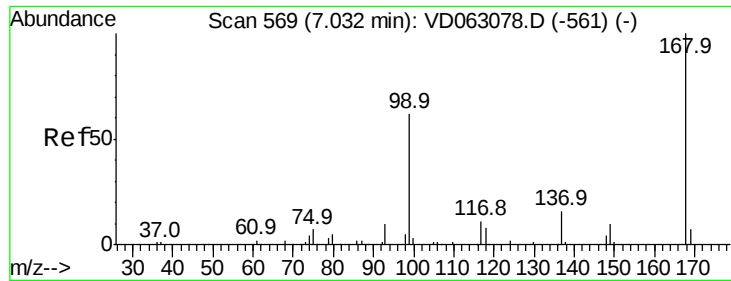
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063131.D

Acq: 17 Jul 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

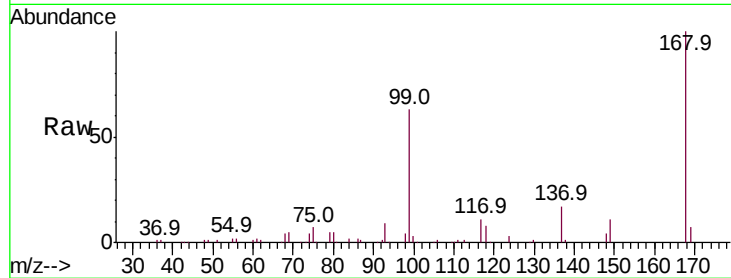
COMP-1_071619

Tot Ion:168 Resp: 863635

Ion Ratio Lower Upper

168 100

99 62.9 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

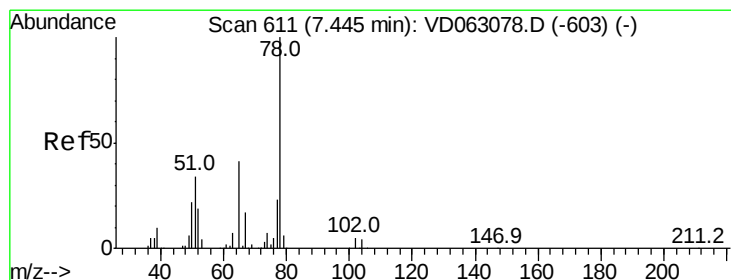
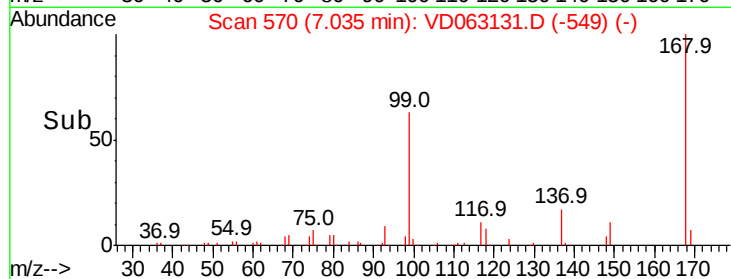
200000

100000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 32.018 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD063131.D

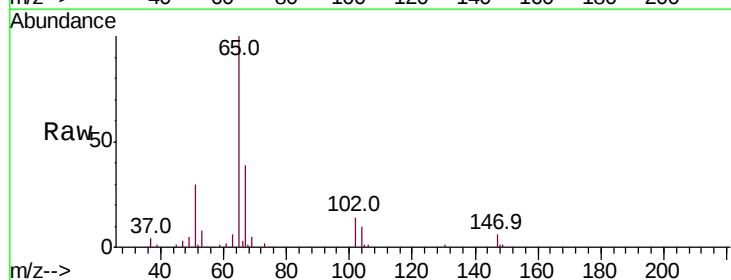
Acq: 17 Jul 2019 15:07

Tgt Ion: 65 Resp: 344455

Ion Ratio Lower Upper

65 100

67 39.2 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

150000

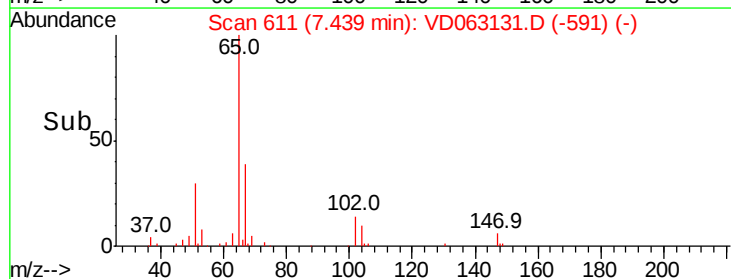
100000

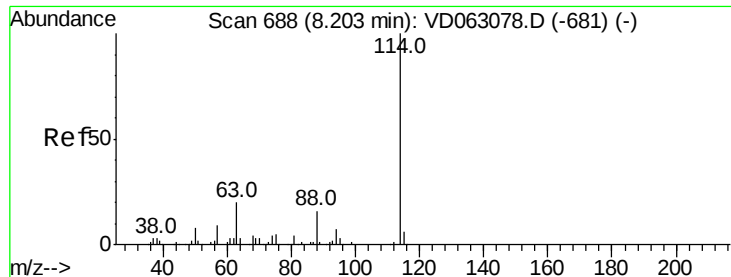
50000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063131.D

Acq: 17 Jul 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

COMP-1_071619

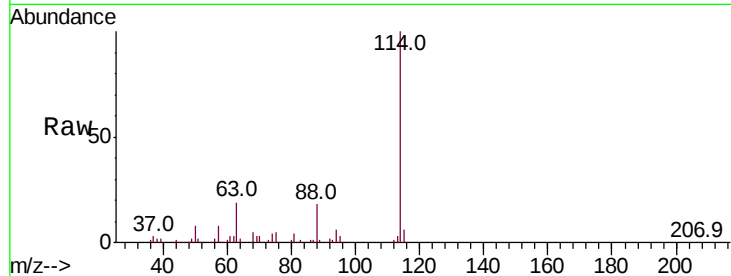
Tot Ion:114 Resp: 1173075

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.6

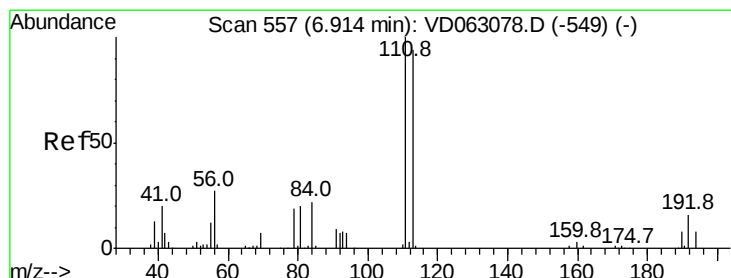
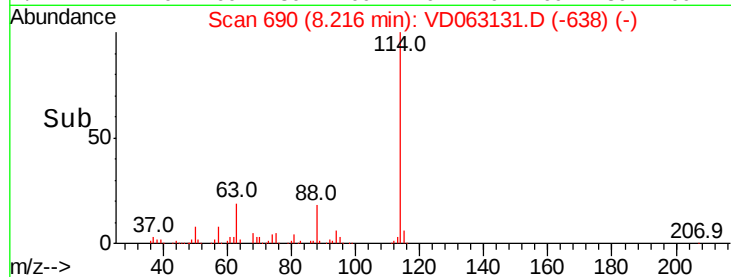
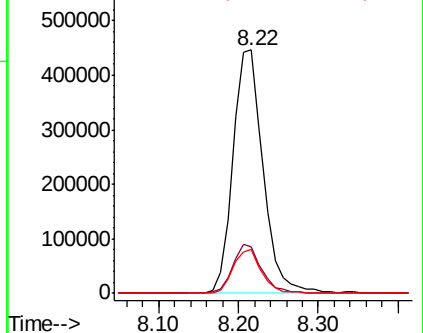
88 18.1 0.0 32.6



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: 32.199 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063131.D

Acq: 17 Jul 2019 15:07

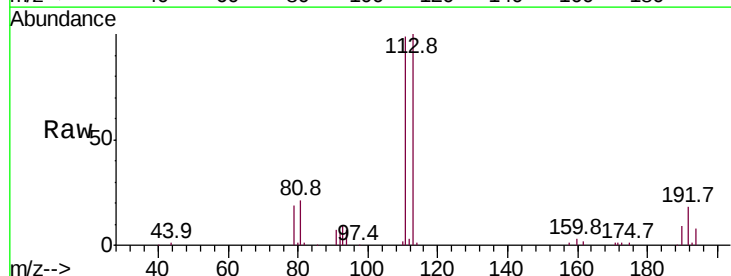
Tgt Ion:113 Resp: 376220

Ion Ratio Lower Upper

113 100

111 99.0 84.8 127.2

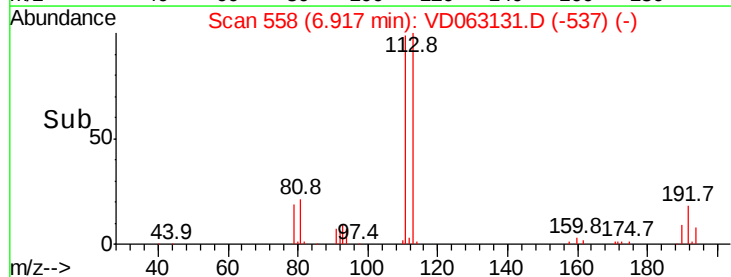
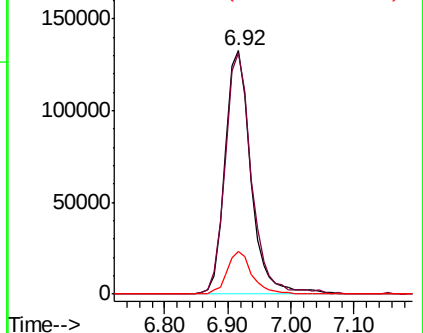
192 17.7 13.4 20.0

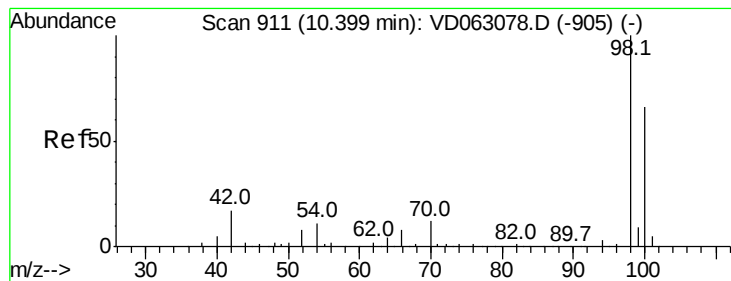


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 30.956 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063131.D

Acq: 17 Jul 2019 15:07

Instrument :

MSVOA_D

ClientSampleId :

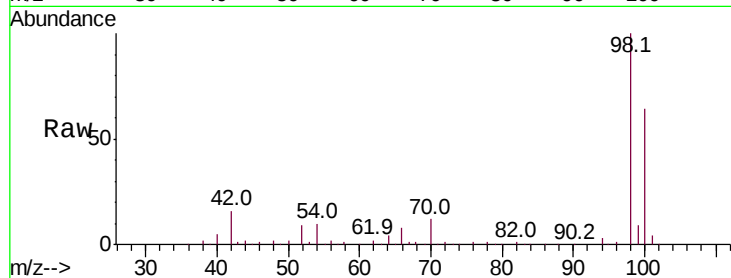
COMP-1_071619

Tot Ion: 98 Resp: 776920

Ion Ratio Lower Upper

98 100

100 64.0 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063131.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063131.D (-905) (-)

10.40

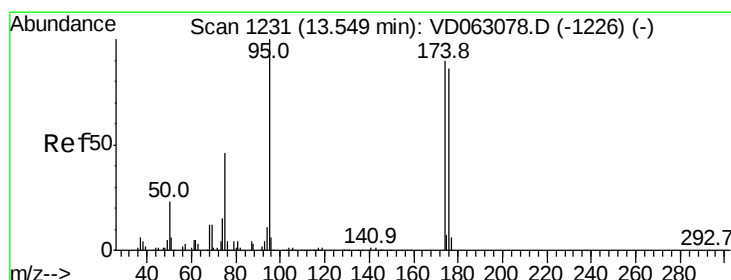
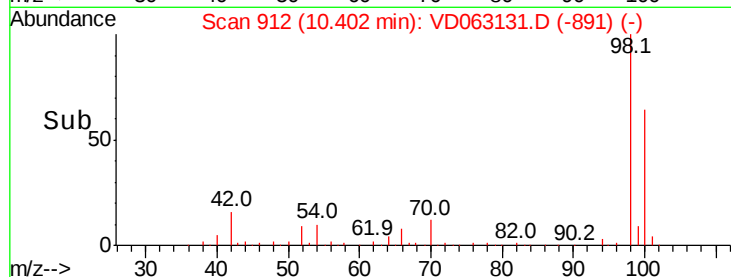
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 22.961 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063131.D

Acq: 17 Jul 2019 15:07

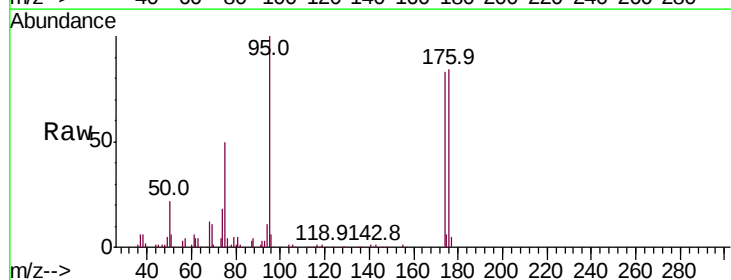
Tgt Ion: 95 Resp: 266601

Ion Ratio Lower Upper

95 100

174 83.1 0.0 180.6

176 83.8 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD063131.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD063131.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD063131.D (-1211) (-)

13.55

200000

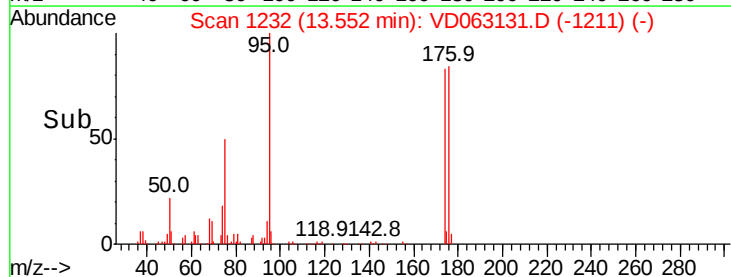
150000

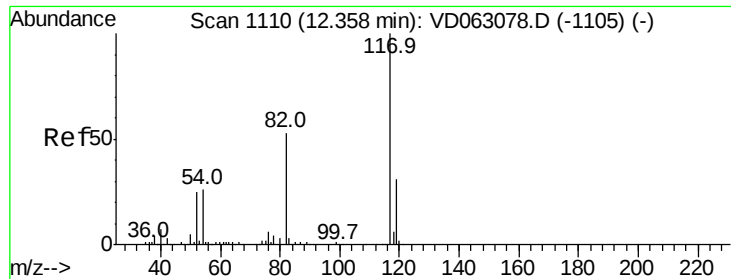
100000

50000

0

Time-->

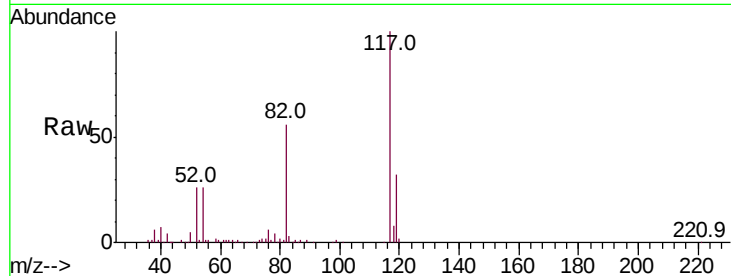




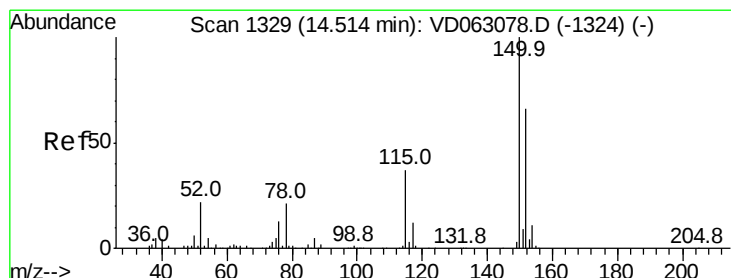
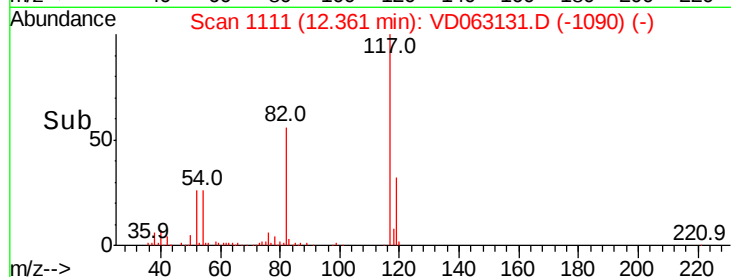
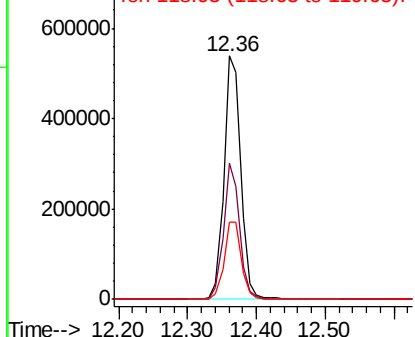
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063131.D
Acq: 17 Jul 2019 15:07

Instrument :
MSVOA_D
ClientSampleId :
COMP-1_071619

Tot Ion:117 Resp: 906498
Ion Ratio Lower Upper
117 100
82 55.7 42.3 63.5
119 31.8 25.2 37.8

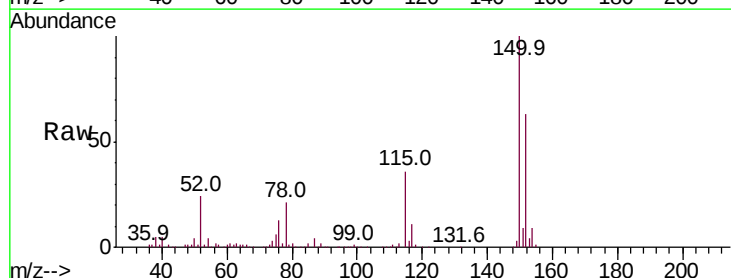


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063131.D
Acq: 17 Jul 2019 15:07

Tgt Ion:152 Resp: 392255
Ion Ratio Lower Upper
152 100
115 56.8 28.9 86.8
150 158.1 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

