

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063127.D
 Acq On : 17 Jul 2019 13:15
 Operator : VA/AP
 Sample : K3622-07RE
 Misc : 6.48g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-071519-BRE

Quant Time: Jul 18 07:20:49 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	7.03	168	41615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	63991	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	56314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	24865	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	38782	74.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.62%	
35) Dibromofluoromethane	6.92	113	32556	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.40	98	53394	39.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.00%	
62) 4-Bromofluorobenzene	13.55	95	24901	39.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.62%	

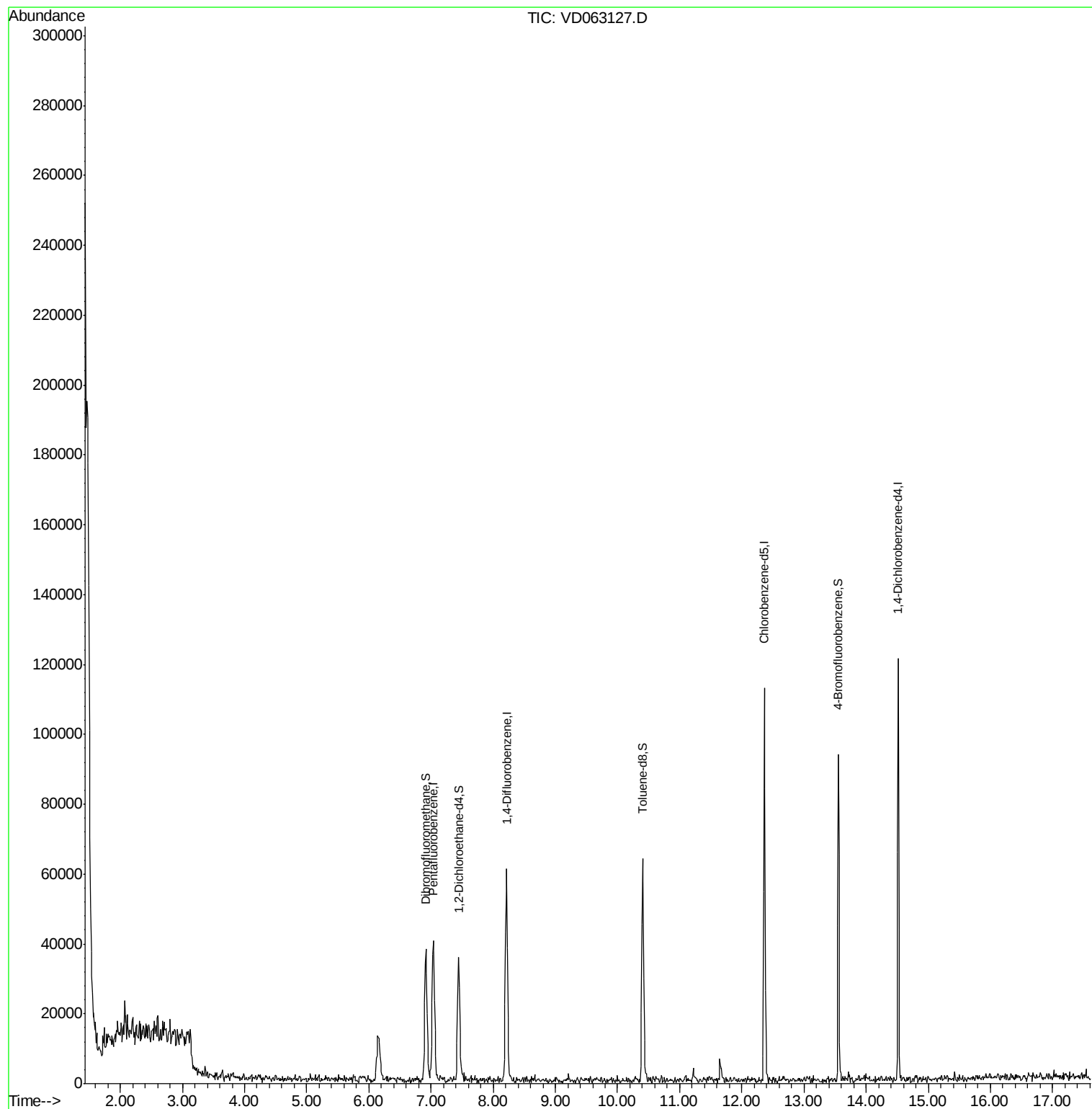
Target Compounds	Qvalue

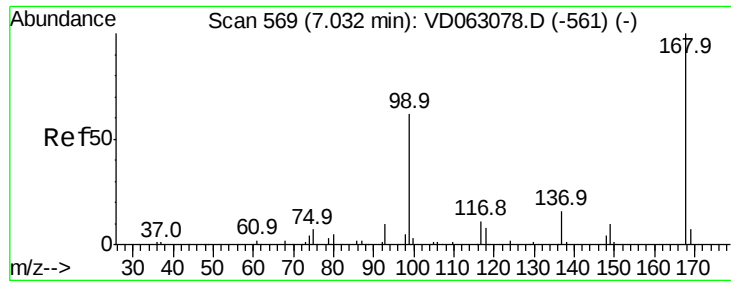
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071719\
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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: 7.03 min Scan# 569

Delta R.T. -0.01 min

Lab File: VD063127.D

Acq: 17 Jul 2019 13:15

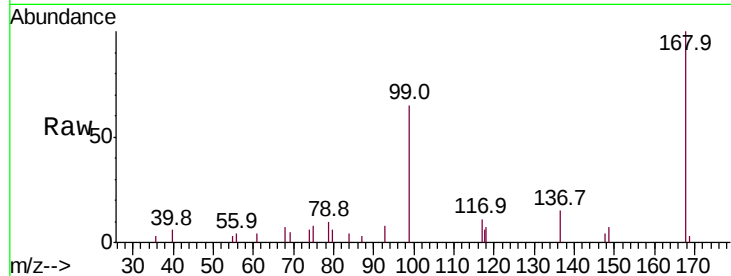
Instrument :
MSVOA_D
ClientSampleId :
OR-03-071519-BRE

Tot Ion:168 Resp: 41615

Ion Ratio Lower Upper

168 100

99 64.7 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

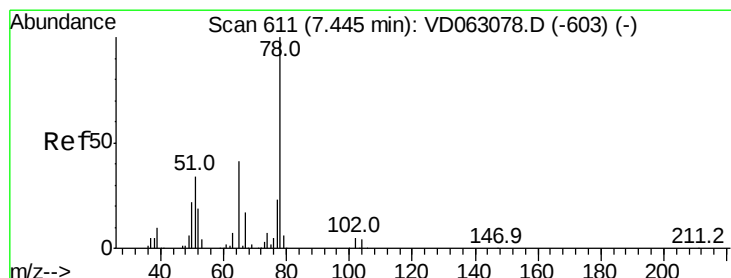
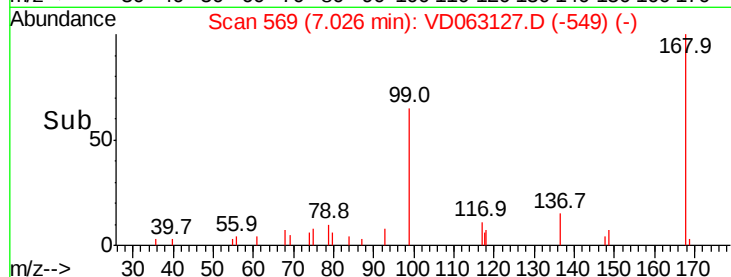
15000

10000

5000

0

Time--> 6.90 7.00 7.10



#33

1,2-Dichloroethane-d4

Concen: 74.812 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063127.D

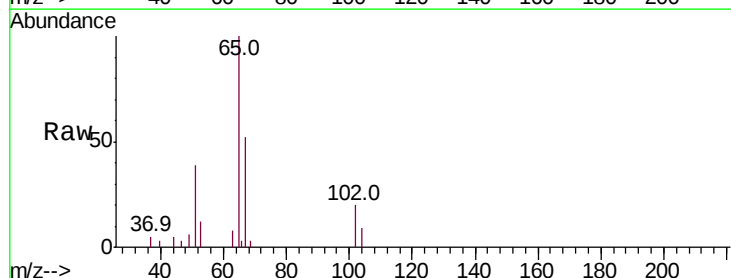
Acq: 17 Jul 2019 13:15

Tgt Ion: 65 Resp: 38782

Ion Ratio Lower Upper

65 100

67 51.9 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

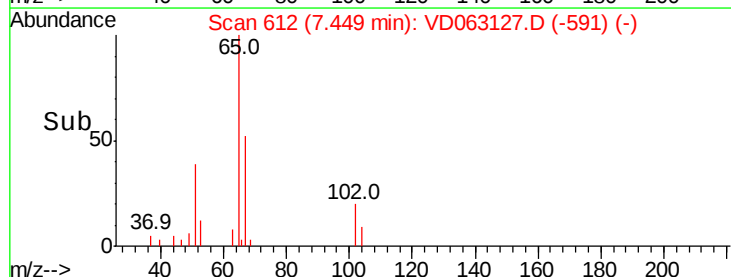
15000

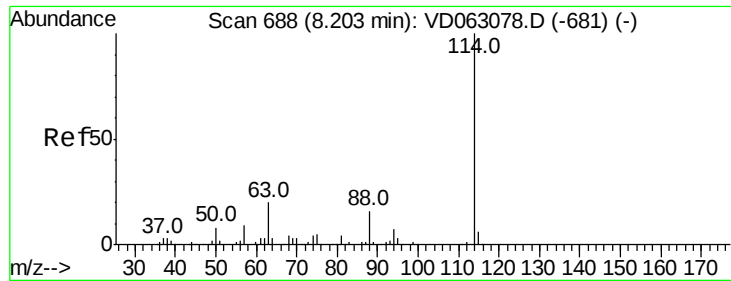
10000

5000

0

Time--> 7.40 7.50





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063127.D

Acq: 17 Jul 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

OR-03-071519-BRE

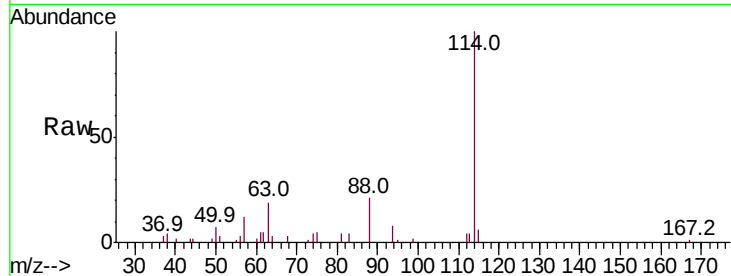
Tot Ion:114 Resp: 63991

Ion Ratio Lower Upper

114 100

63 18.5 0.0 40.6

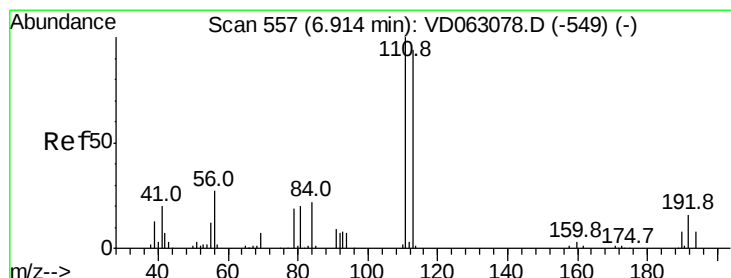
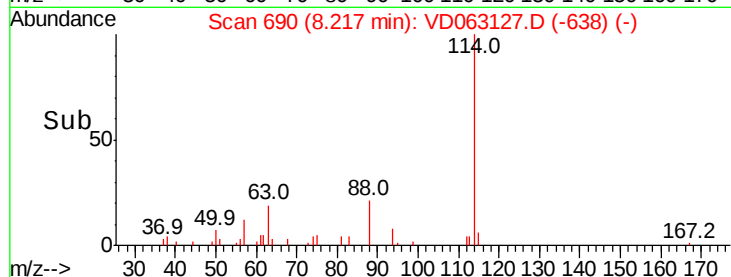
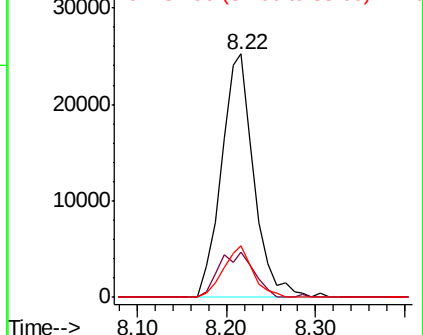
88 21.3 0.0 32.6



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: 51.079 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063127.D

Acq: 17 Jul 2019 13:15

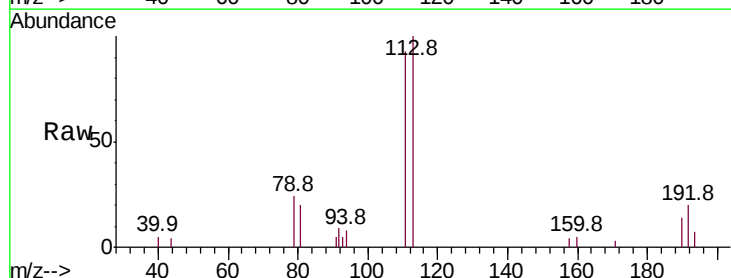
Tgt Ion:113 Resp: 32556

Ion Ratio Lower Upper

113 100

111 93.4 84.8 127.2

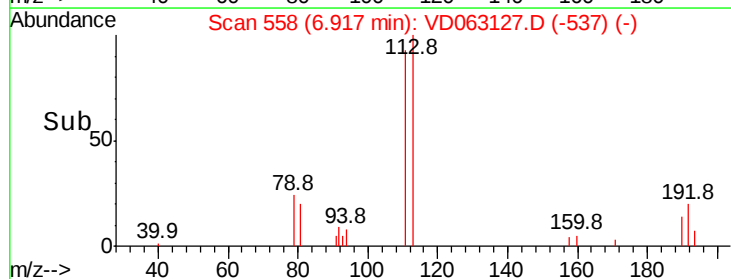
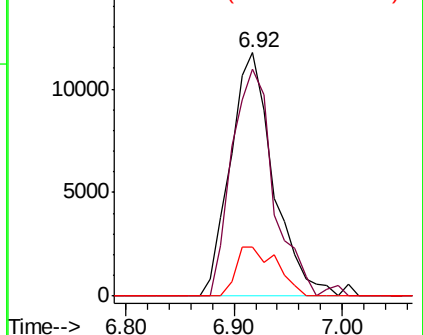
192 20.1 13.4 20.0#

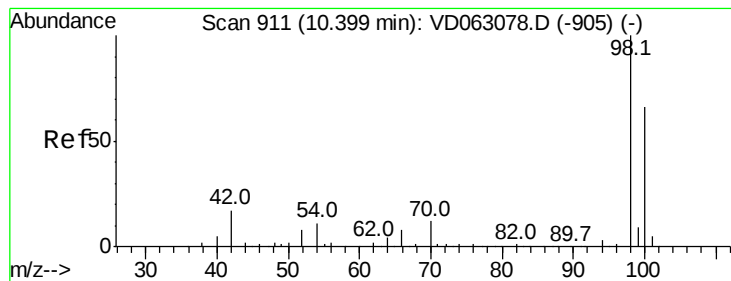


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 39.000 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063127.D

Acq: 17 Jul 2019 13:15

Instrument :

MSVOA_D

ClientSampleId :

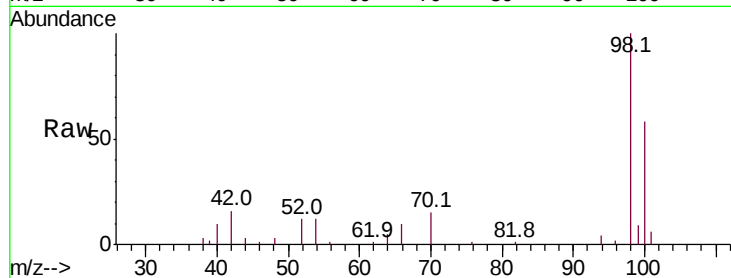
OR-03-071519-BRE

Tot Ion: 98 Resp: 53394

Ion Ratio Lower Upper

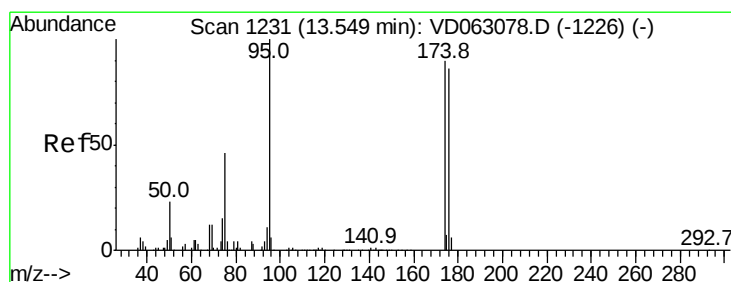
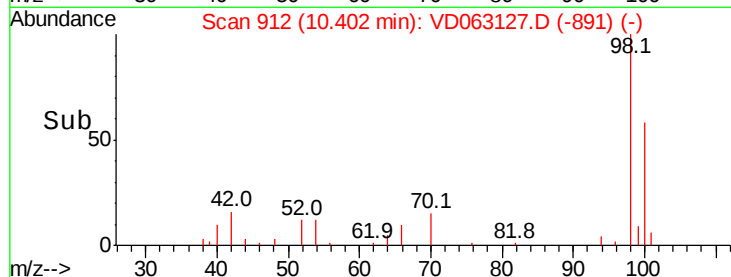
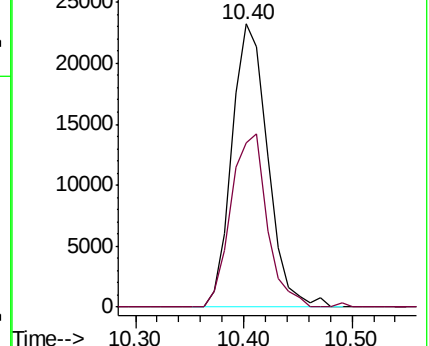
98 100

100 58.2 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 39.315 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063127.D

Acq: 17 Jul 2019 13:15

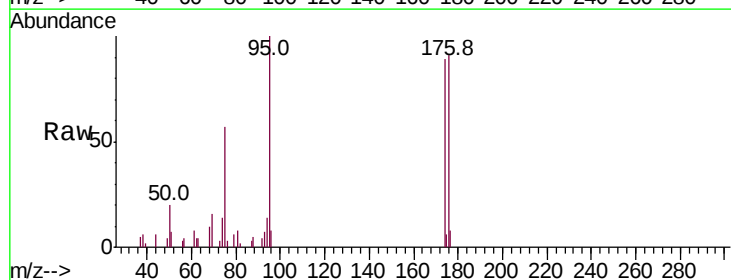
Tgt Ion: 95 Resp: 24901

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.6

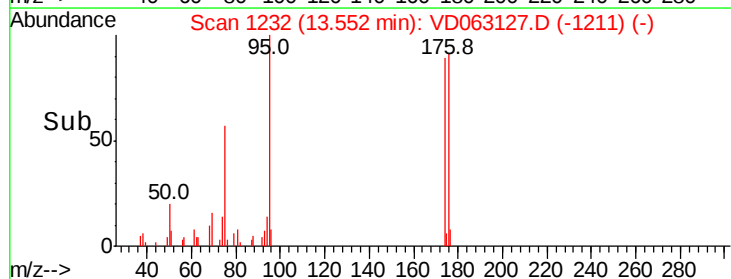
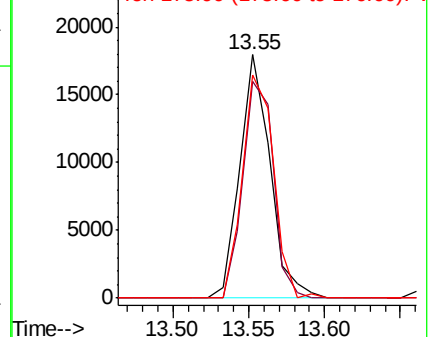
176 99.3 0.0 172.2

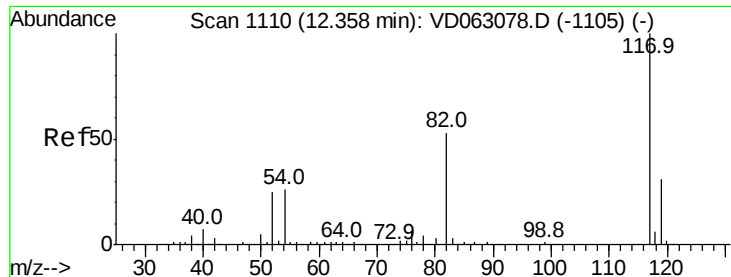


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

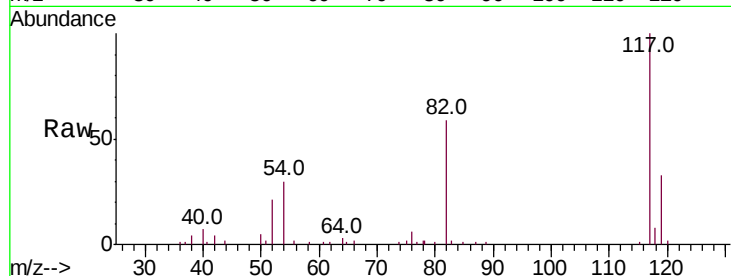




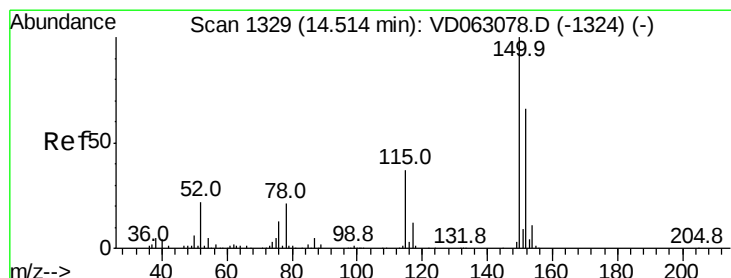
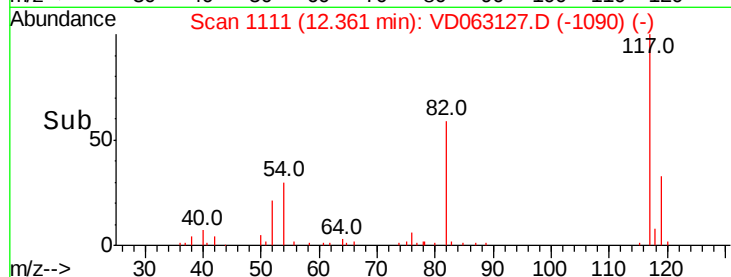
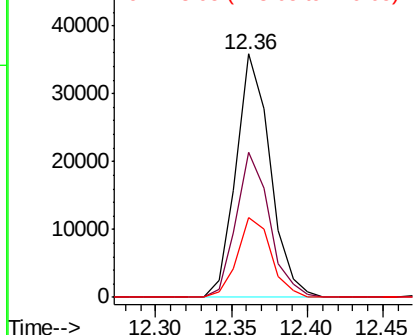
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Instrument :
MSVOA_D
ClientSampleId :
OR-03-071519-BRE

Tot Ion:117 Resp: 56314
Ion Ratio Lower Upper
117 100
82 59.5 42.3 63.5
119 32.9 25.2 37.8

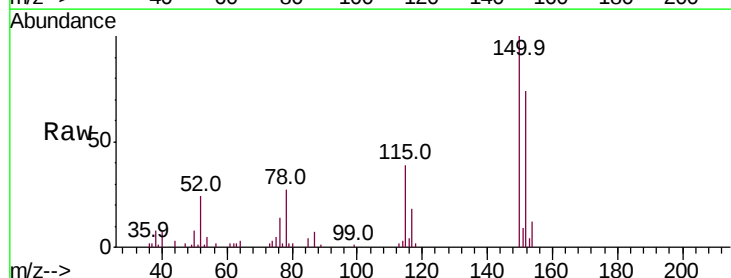


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063127.D
Acq: 17 Jul 2019 13:15

Tgt Ion:152 Resp: 24865
Ion Ratio Lower Upper
152 100
115 52.3 28.9 86.8
150 135.1 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

