

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063017.D
 Acq On : 3 Jul 2019 11:22
 Operator : VA/AP
 Sample : VD0703SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0703SBL01

Quant Time: Jul 04 01:29:27 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	7.04	168	931199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1255070	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1045138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	545664	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	468692	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	6.92	113	501015	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	10.41	98	1072892	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
62) 4-Bromofluorobenzene	13.56	95	454156	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	

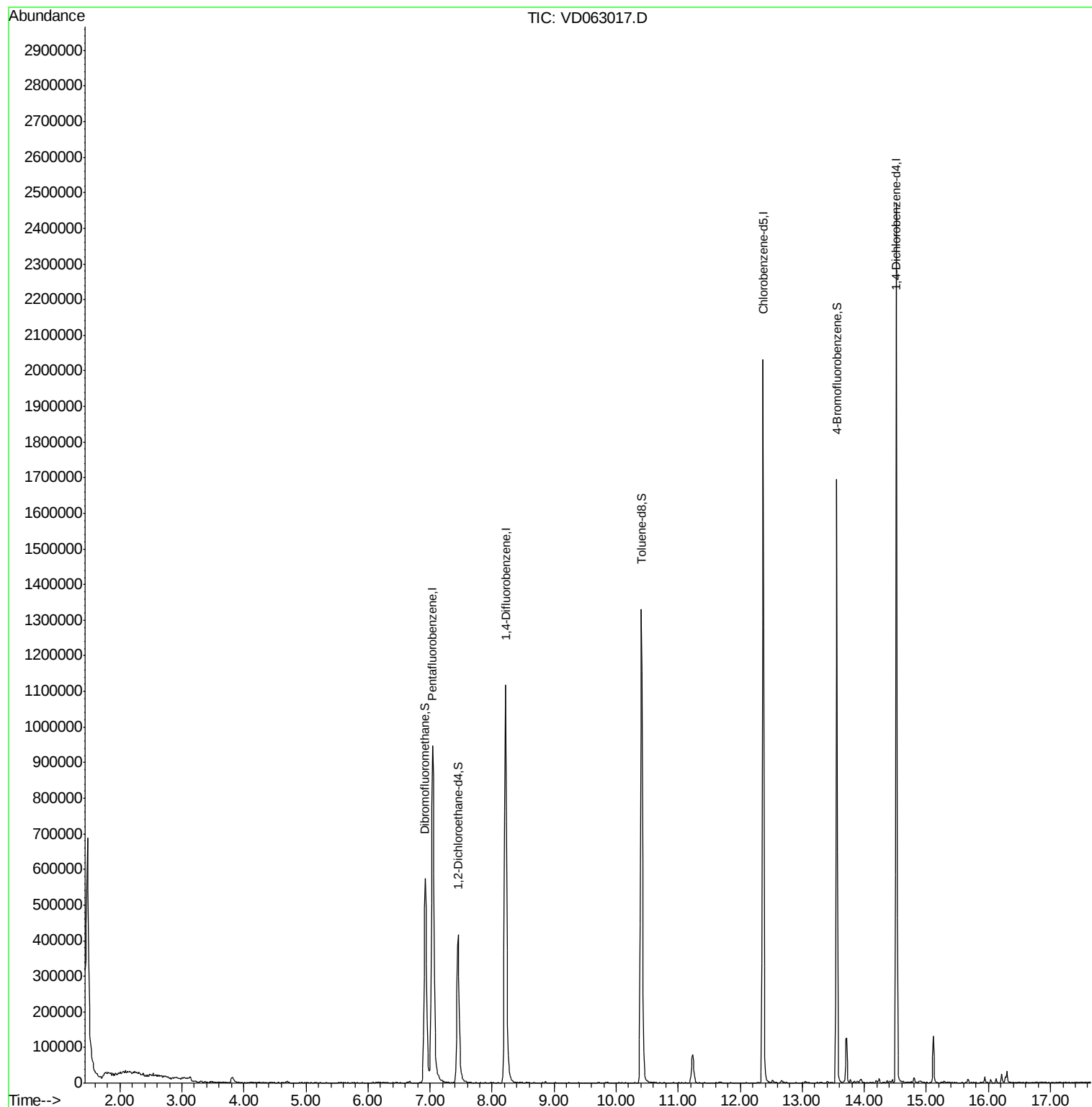
Target Compounds	Qvalue

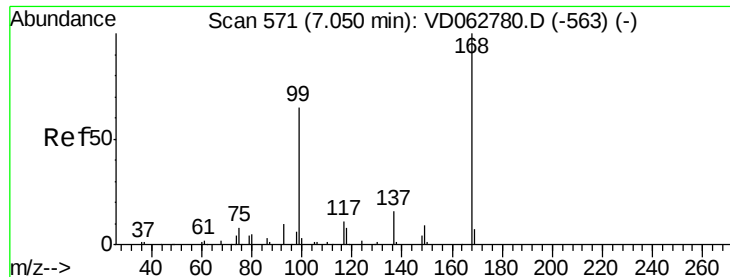
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063017.D

Acq: 3 Jul 2019 11:22

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MSVOA_D

ClientSampleId :

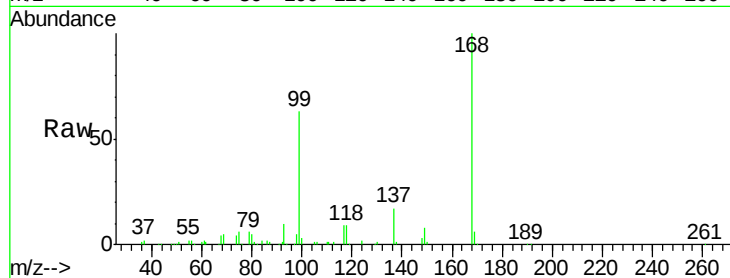
VD0703SBL01

Tot Ion:168 Resp: 931199

Ion Ratio Lower Upper

168 100

99 62.8 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

300000

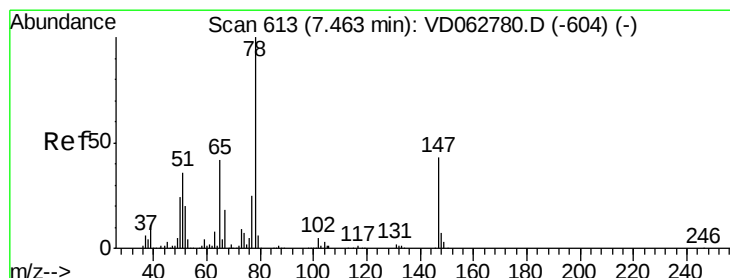
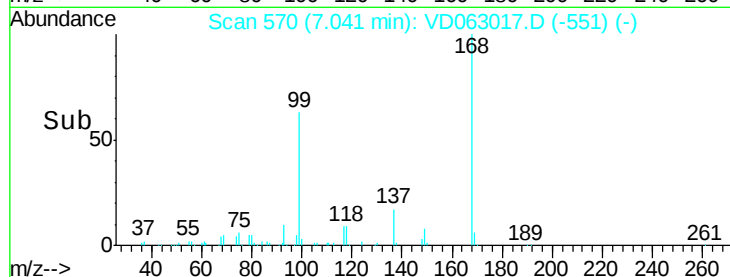
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 46.304 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063017.D

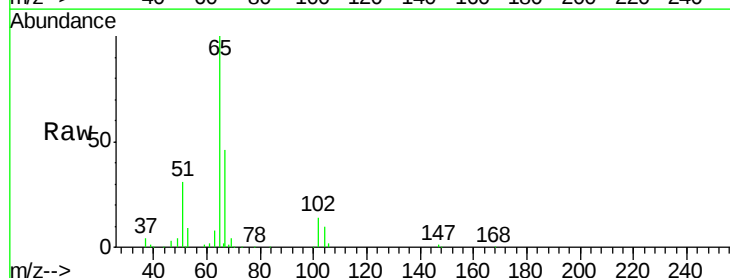
Acq: 3 Jul 2019 11:22

Tgt Ion: 65 Resp: 468692

Ion Ratio Lower Upper

65 100

67 46.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

150000

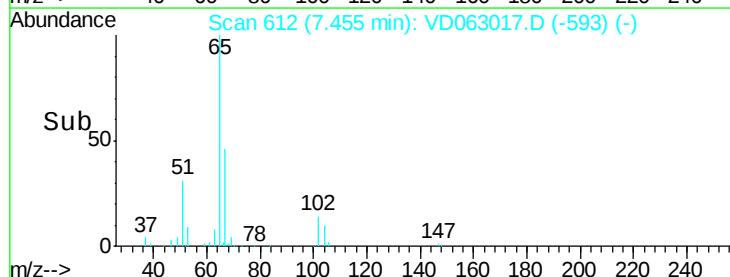
100000

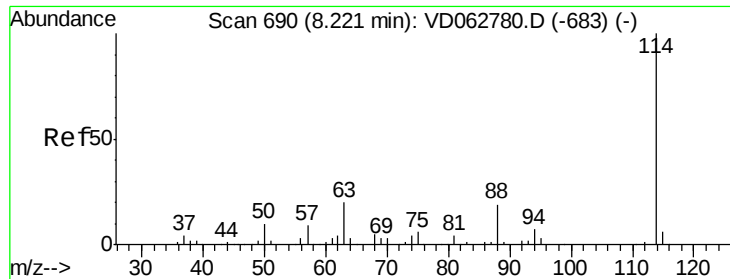
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD063017.D

Acq: 3 Jul 2019 11:22

Instrument :

MSVOA_D

ClientSampleId :

VD0703SBL01

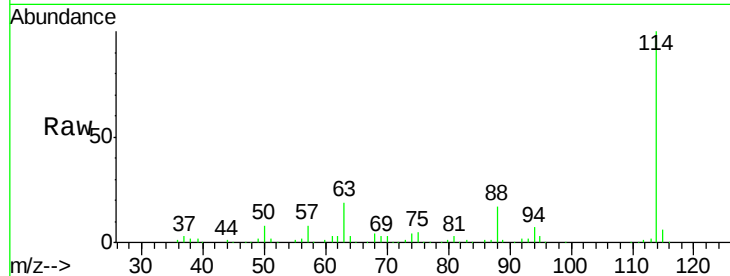
Tot Ion:114 Resp: 1255070

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.0

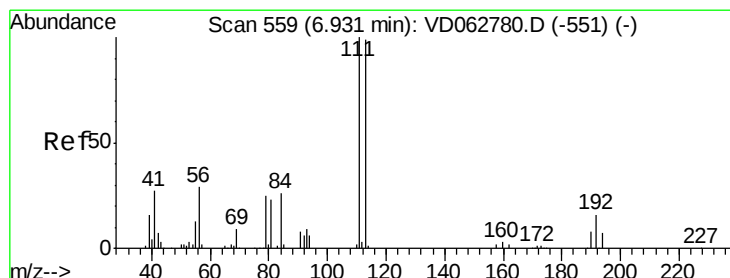
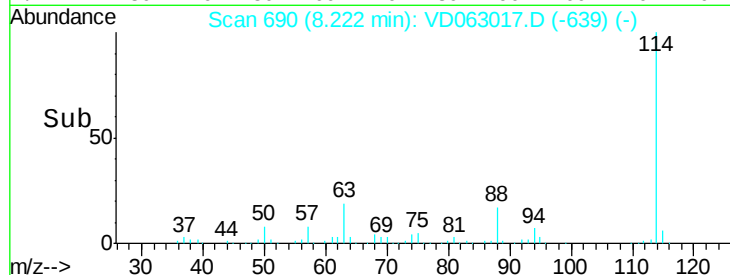
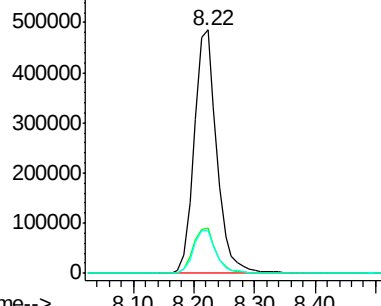
88 17.3 0.0 38.8



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: 47.343 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063017.D

Acq: 3 Jul 2019 11:22

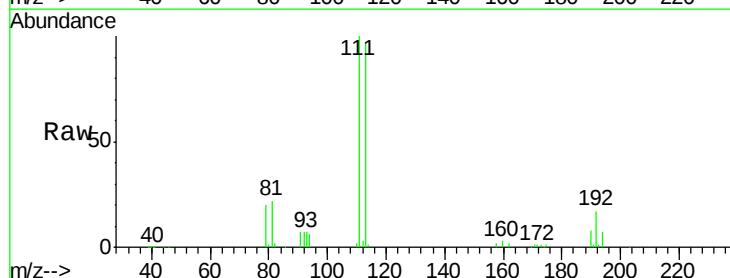
Tgt Ion:113 Resp: 501015

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

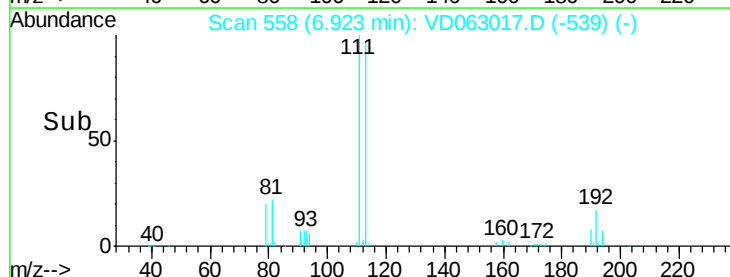
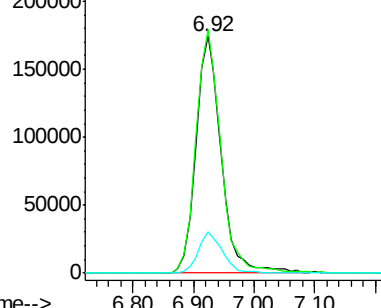
192 17.4 12.9 19.3



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

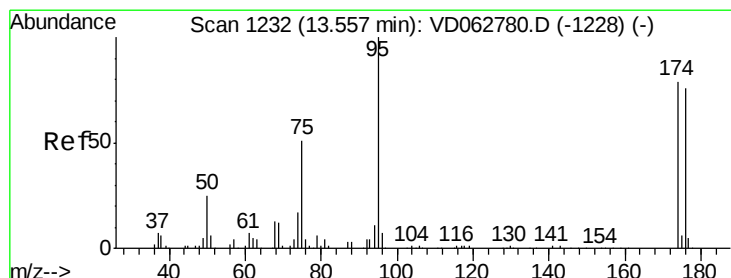
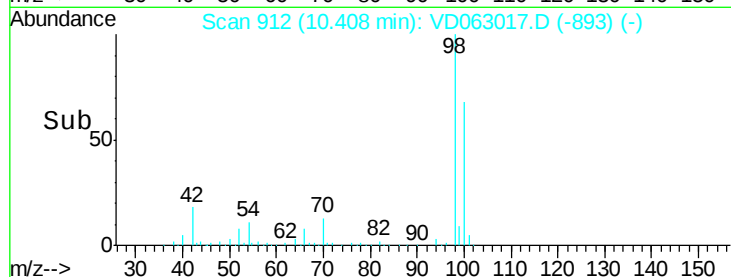
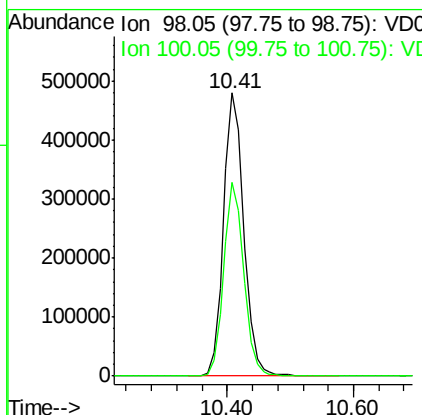
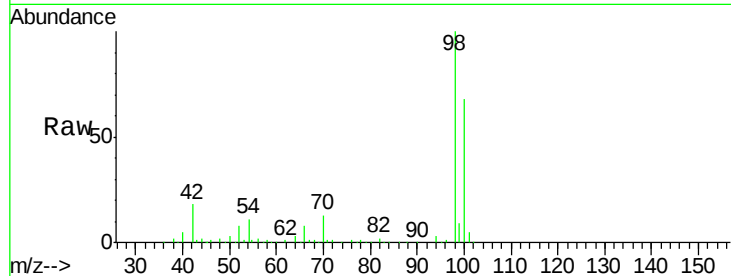




#50
Toluene-d8
Concen: 46.581 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063017.D
Acq: 3 Jul 2019 11:22

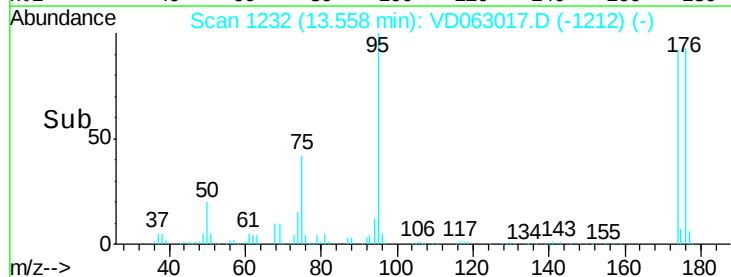
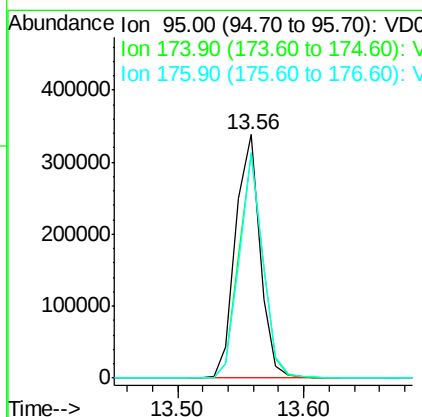
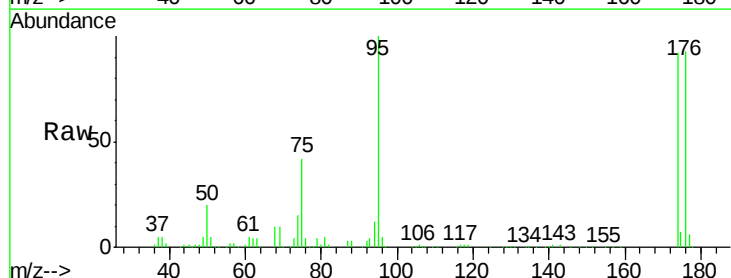
Instrument :
MSVOA_D
ClientSampleId :
VD0703SBL01

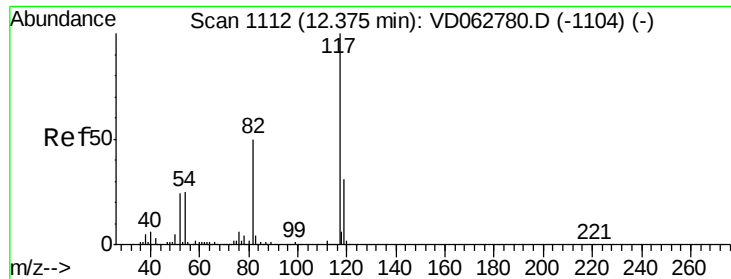
Tot Ion: 98 Resp: 1072892
Ion Ratio Lower Upper
98 100
100 68.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 43.364 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063017.D
Acq: 3 Jul 2019 11:22

Tgt Ion: 95 Resp: 454156
Ion Ratio Lower Upper
95 100
174 92.2 0.0 158.0
176 92.6 0.0 151.6

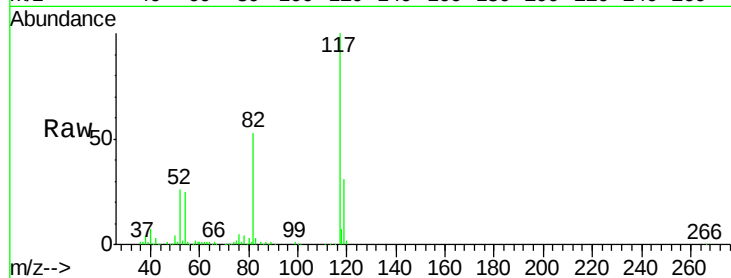




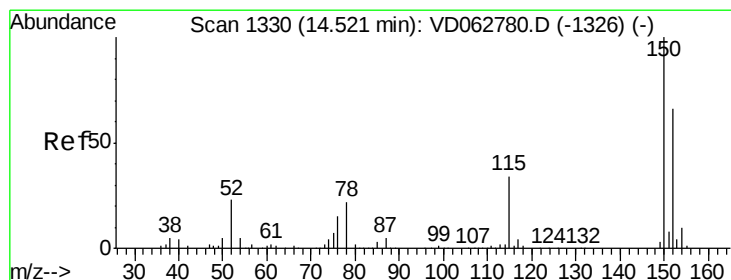
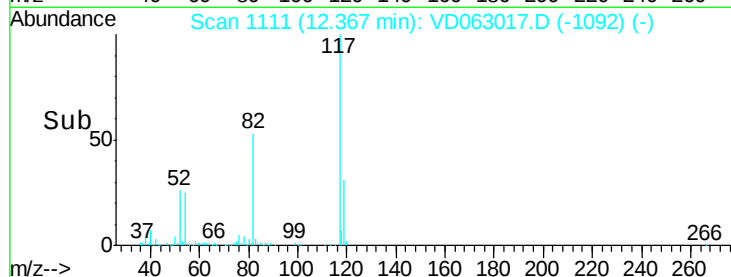
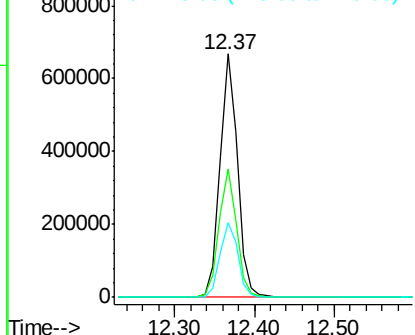
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063017.D
Acq: 3 Jul 2019 11:22

Instrument :
MSVOA_D
ClientSampleId :
VD0703SBL01

Tot Ion:117 Resp: 1045138
Ion Ratio Lower Upper
117 100
82 52.7 40.4 60.6
119 30.7 25.2 37.8

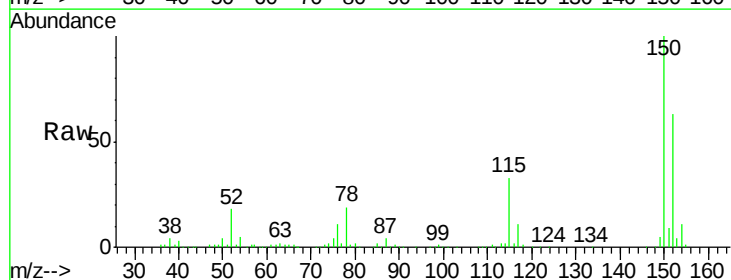


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063017.D
Acq: 3 Jul 2019 11:22

Tgt Ion:152 Resp: 545664
Ion Ratio Lower Upper
152 100
115 52.7 29.2 87.6
150 159.1 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

