

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070219\
 Data File : VD063001.D
 Acq On : 2 Jul 2019 10:58
 Operator : VA/AP
 Sample : VD0702SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

Quant Time: Jul 03 01:11:07 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	1023792	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1308070	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1065375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	546032	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	534046	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
35) Dibromofluoromethane	6.93	113	544388	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.42	98	1117307	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	13.56	95	497806	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

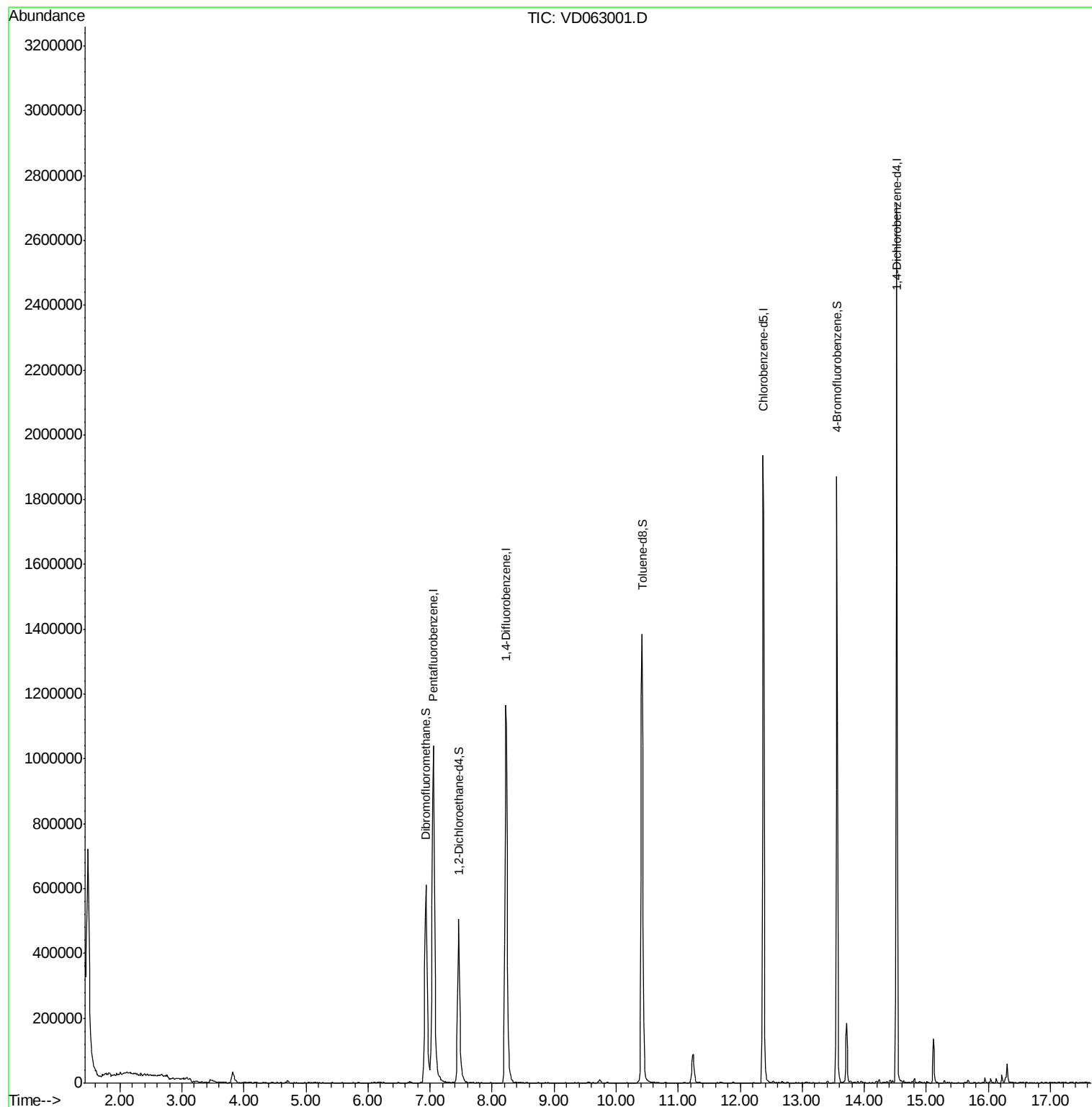
Target Compounds	Qvalue

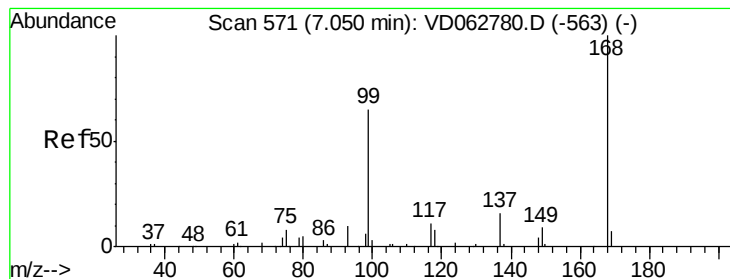
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

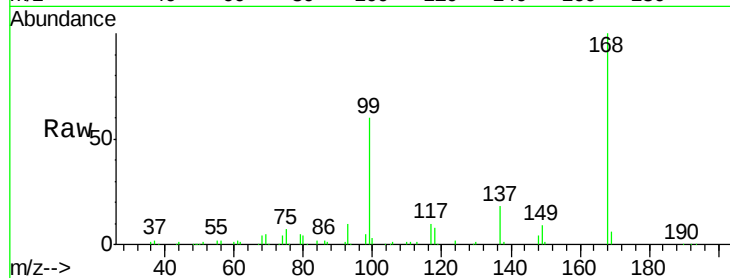
VD0702SBL01

Tot Ion:168 Resp: 1023792

Ion Ratio Lower Upper

168 100

99 60.0 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

400000

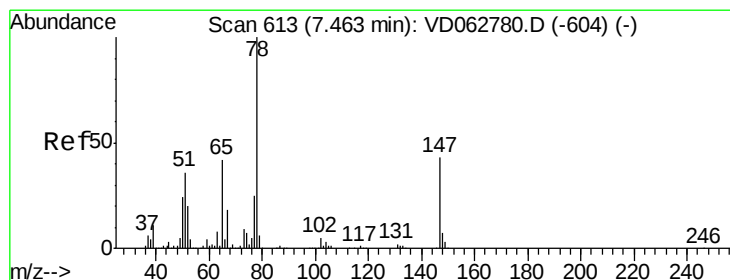
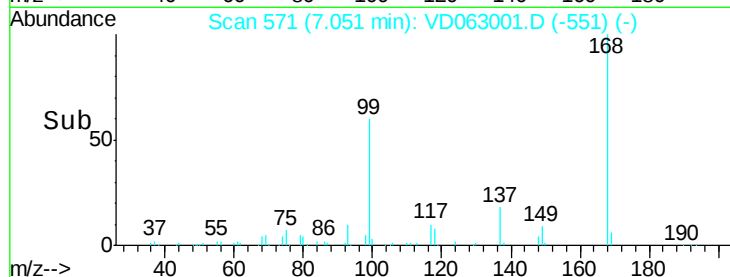
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.989 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.00 min

Lab File: VD063001.D

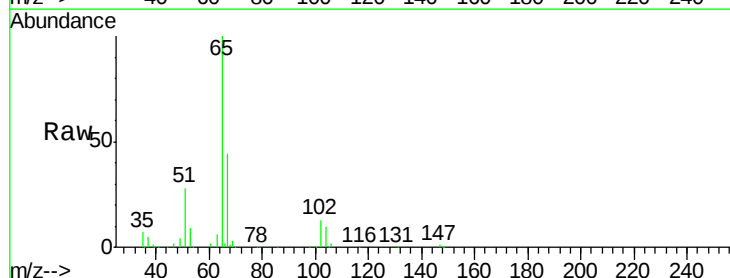
Acq: 2 Jul 2019 10:58

Tgt Ion: 65 Resp: 534046

Ion Ratio Lower Upper

65 100

67 43.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

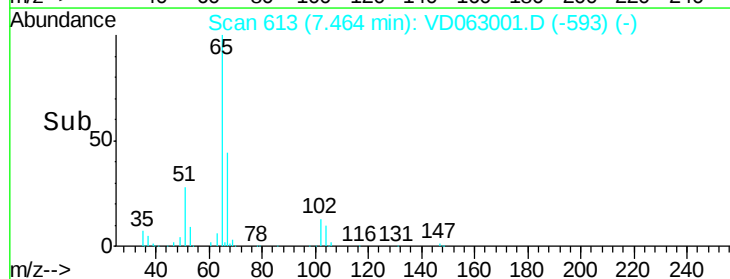
150000

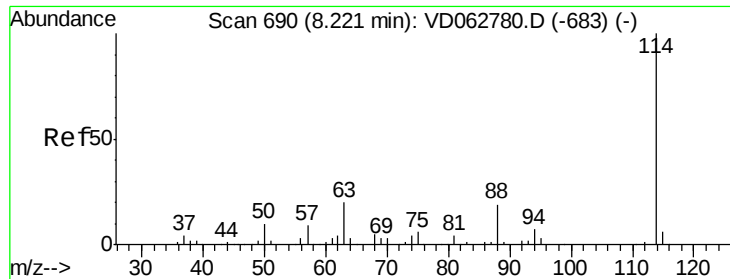
100000

50000

0

Time-->

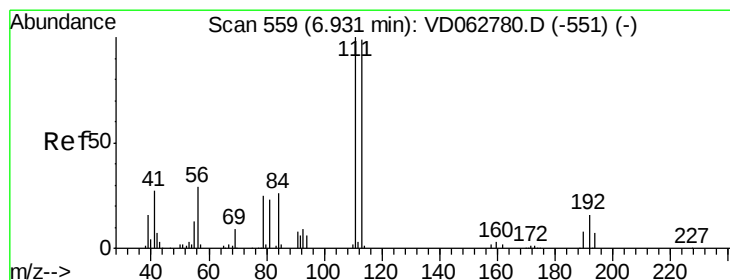
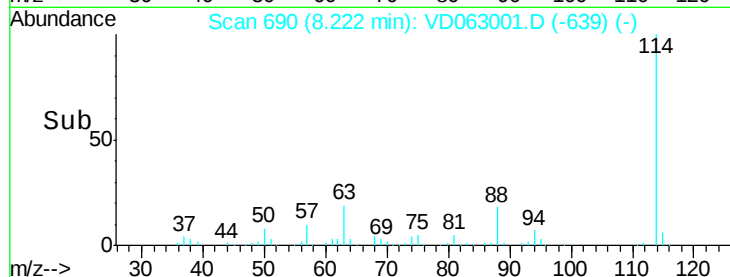
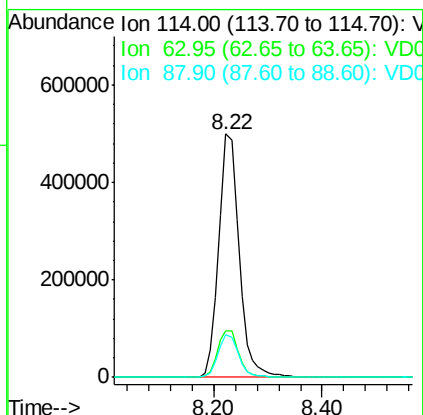
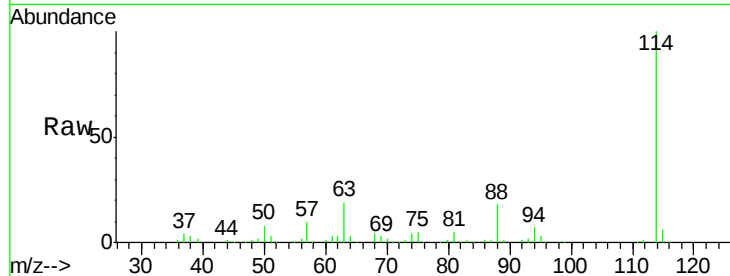




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.00 min
 Lab File: VD063001.D
 Acq: 2 Jul 2019 10:58

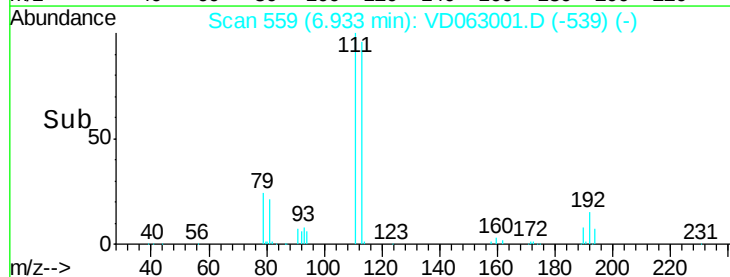
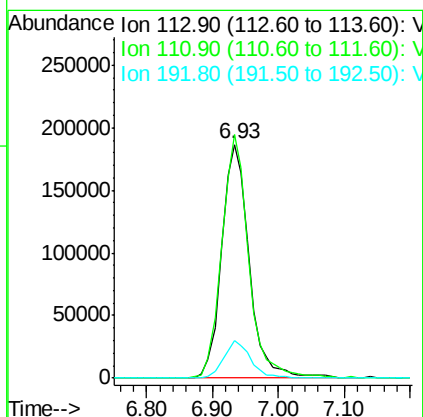
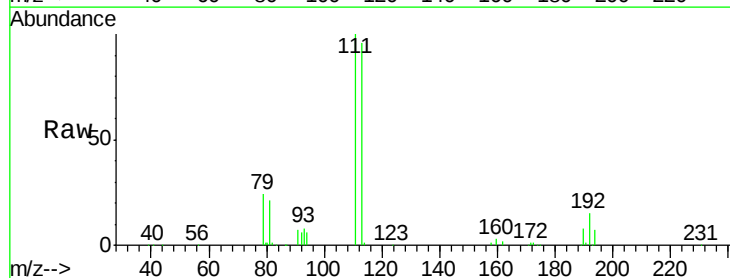
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0702SBL01

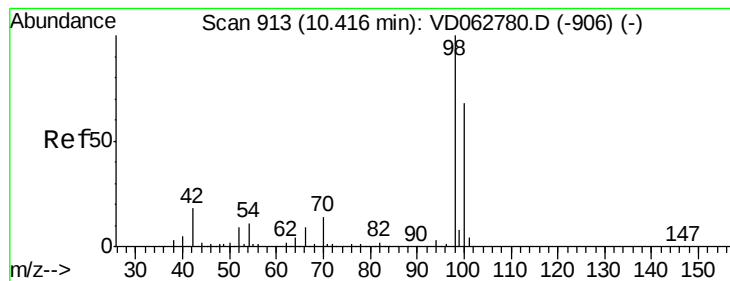
Tot Ion:114 Resp: 1308070
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.0
 88 17.7 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 49.357 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD063001.D
 Acq: 2 Jul 2019 10:58

Tgt Ion:113 Resp: 544388
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.2 121.8
 192 16.0 12.9 19.3





#50

Toluene-d8

Concen: 46.544 ug/l

RT: 10.42 min Scan# 913

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

Instrument :

MSVOA_D

ClientSampleId :

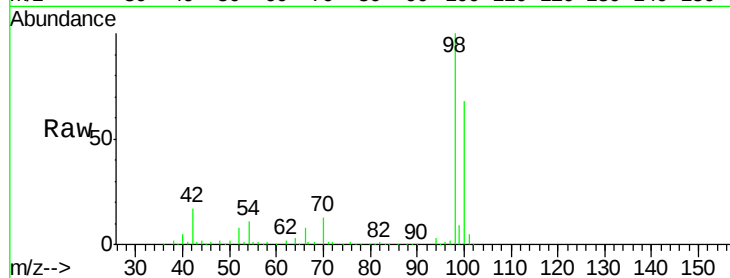
VD0702SBL01

Tot Ion: 98 Resp: 1117307

Ion Ratio Lower Upper

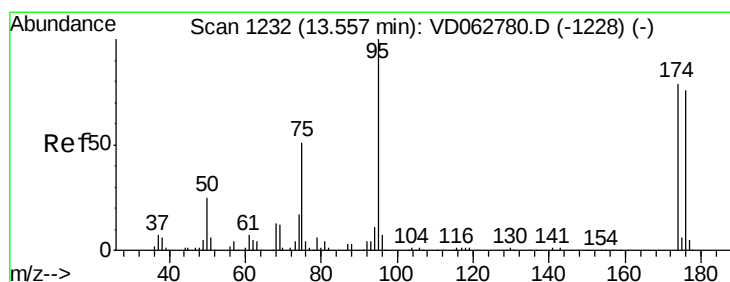
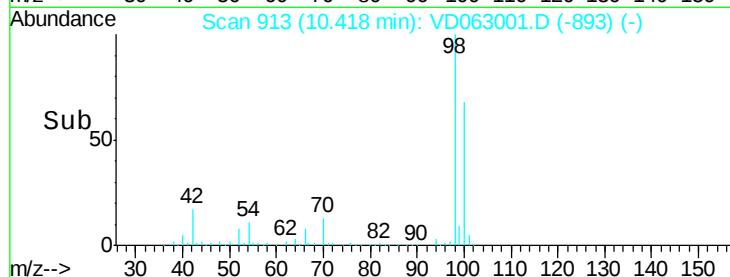
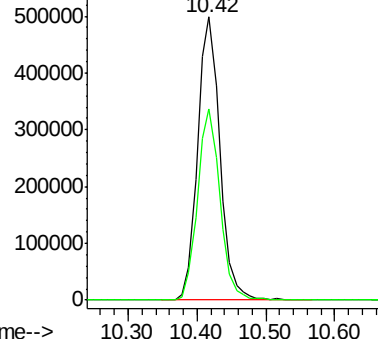
98 100

100 67.5 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 45.606 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063001.D

Acq: 2 Jul 2019 10:58

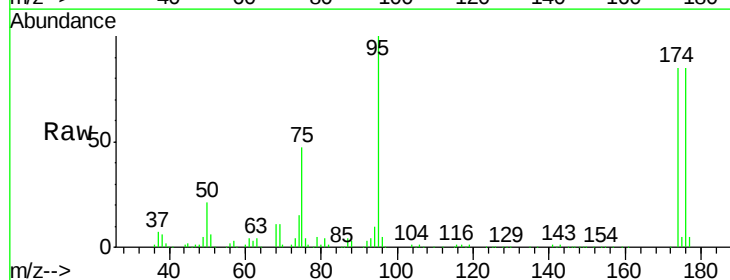
Tgt Ion: 95 Resp: 497806

Ion Ratio Lower Upper

95 100

174 85.0 0.0 158.0

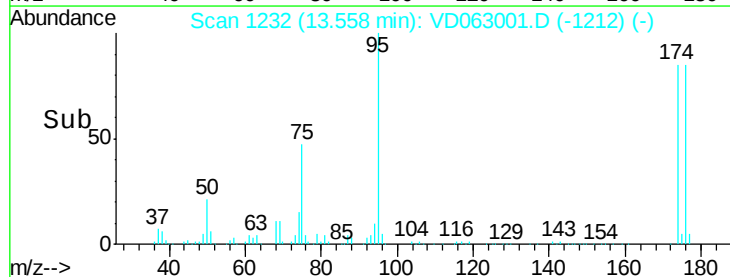
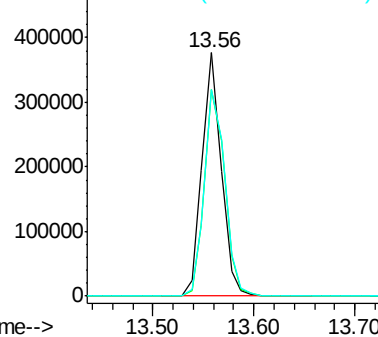
176 84.8 0.0 151.6

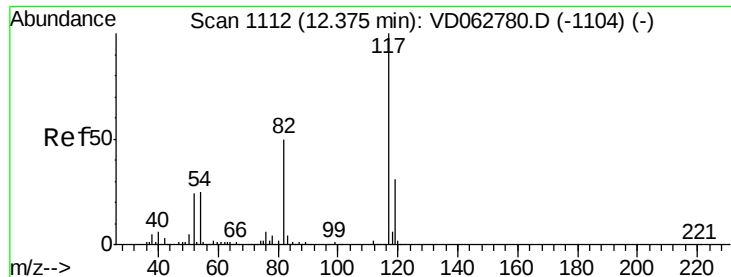


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

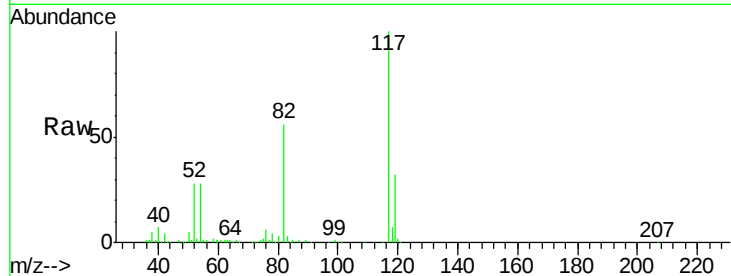




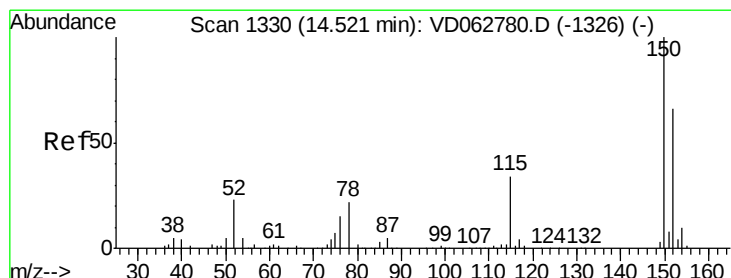
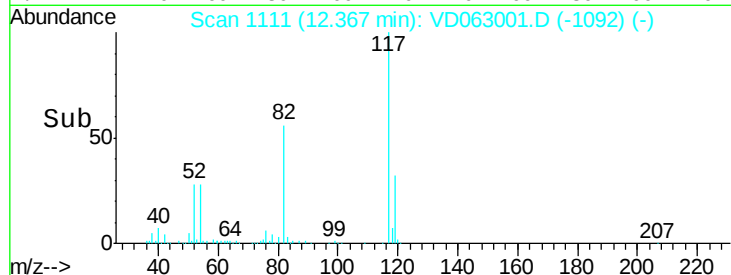
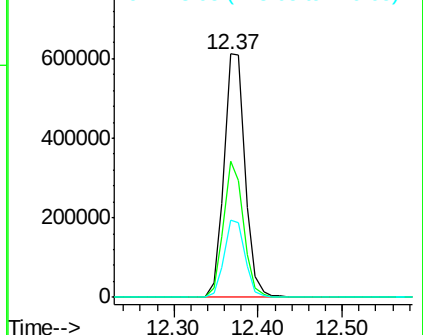
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063001.D
Acq: 2 Jul 2019 10:58

Instrument :
MSVOA_D
ClientSampleId :
VD0702SBL01

Tot Ion:117 Resp: 1065375
Ion Ratio Lower Upper
117 100
82 56.2 40.4 60.6
119 31.9 25.2 37.8

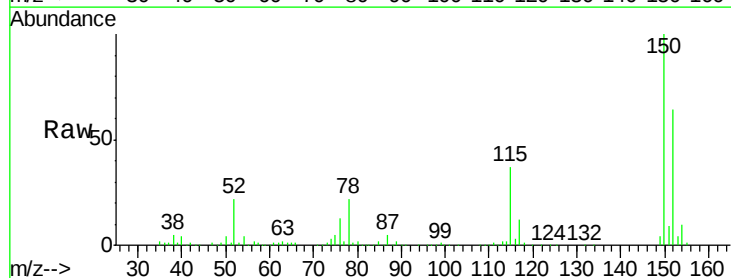


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063001.D
Acq: 2 Jul 2019 10:58

Tgt Ion:152 Resp: 546032
Ion Ratio Lower Upper
152 100
115 56.8 29.2 87.6
150 155.2 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

