

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031819\
 Data File : VD061138.D
 Acq On : 18 Mar 2019 11:46
 Operator : VA/AP
 Sample : VD0318SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0318SBL01

Quant Time: Mar 19 02:36:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	696818	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1146183	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	903093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	359561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	289971	49.99	ug/l	0.00
Spiked Amount			Recovery	=	99.98%	
35) Dibromofluoromethane	6.92	113	447985	52.67	ug/l	0.00
Spiked Amount			Recovery	=	105.34%	
50) Toluene-d8	10.40	98	1079966	50.56	ug/l	0.00
Spiked Amount			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	13.55	95	378528	45.67	ug/l	0.00
Spiked Amount			Recovery	=	91.34%	

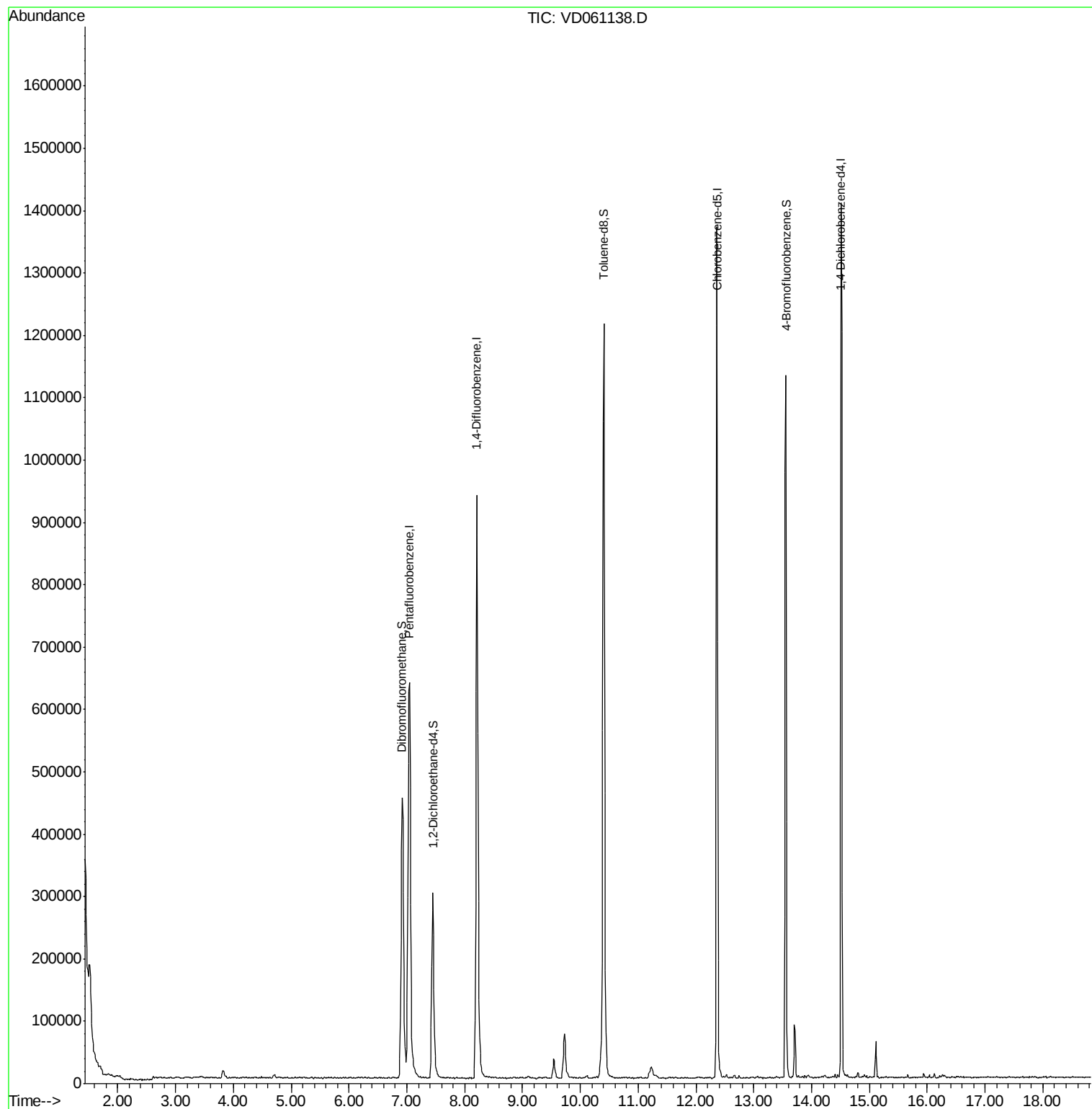
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

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Instrument :

MSVOA_D

ClientSampleId :

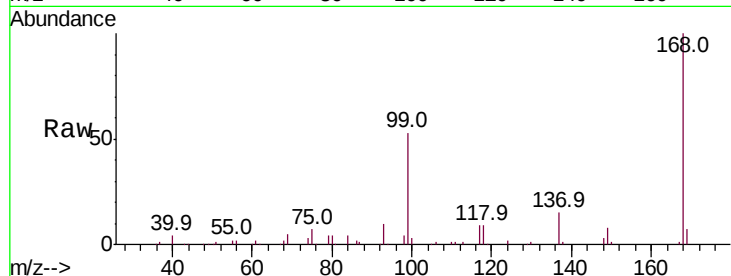
VD0318SBL01

Tot Ion:168 Resp: 696818

Ion Ratio Lower Upper

168 100

99 52.5 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

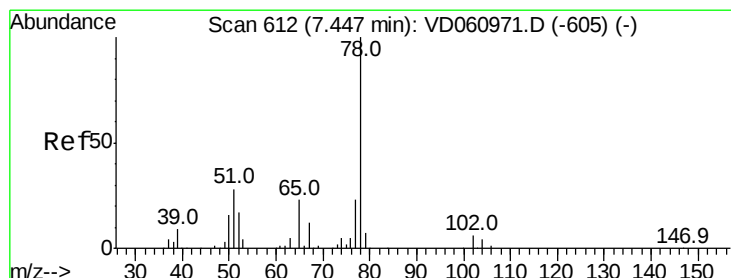
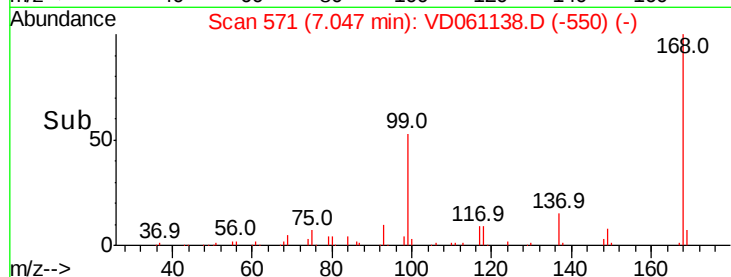
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD061138.D

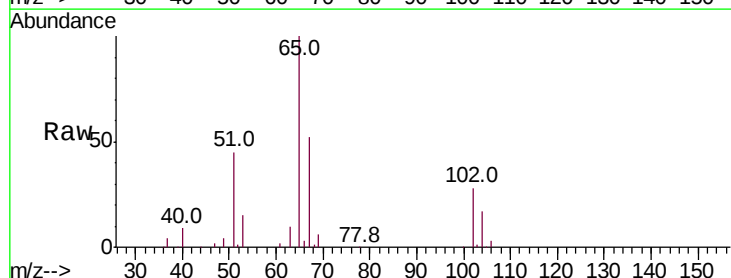
Acq: 18 Mar 2019 11:46

Tgt Ion: 65 Resp: 289971

Ion Ratio Lower Upper

65 100

67 52.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

120000

100000

80000

60000

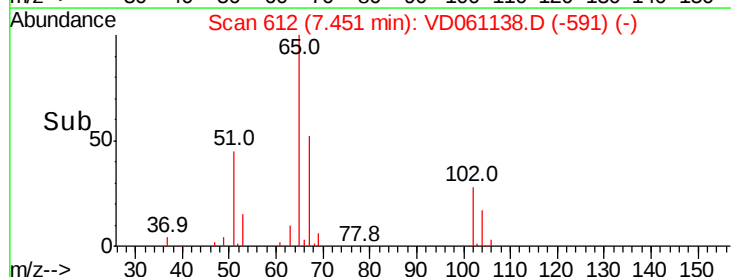
40000

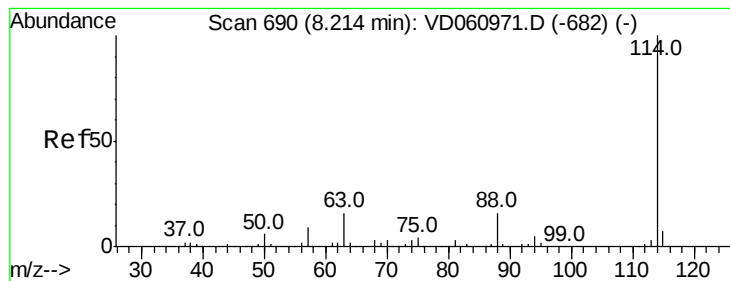
20000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

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Instrument :

MSVOA_D

ClientSampleId :

VD0318SBL01

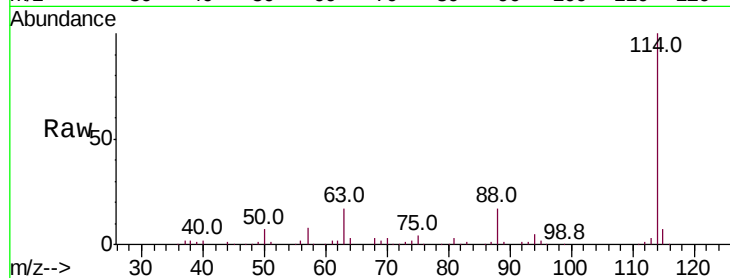
Tot Ion:114 Resp: 1146183

Ion Ratio Lower Upper

114 100

63 16.7 0.0 31.4

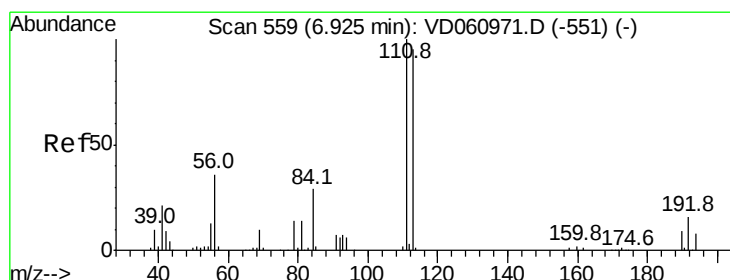
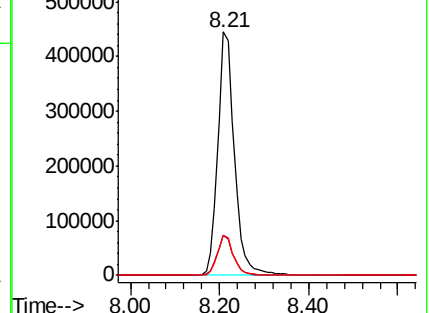
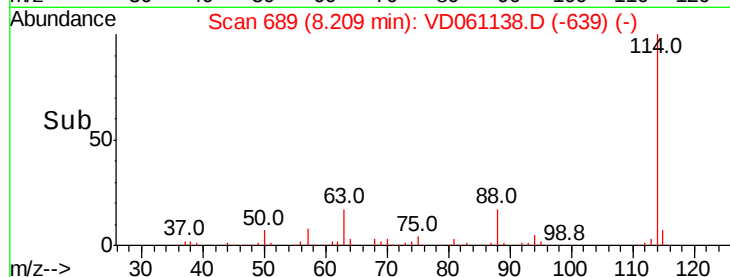
88 16.6 0.0 33.0



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: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD061138.D

Acq: 18 Mar 2019 11:46

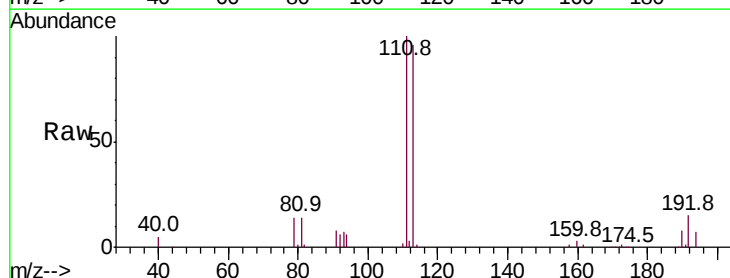
Tgt Ion:113 Resp: 447985

Ion Ratio Lower Upper

113 100

111 104.3 84.2 126.4

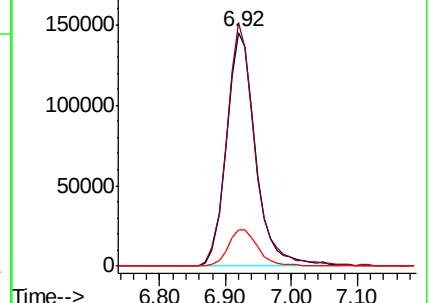
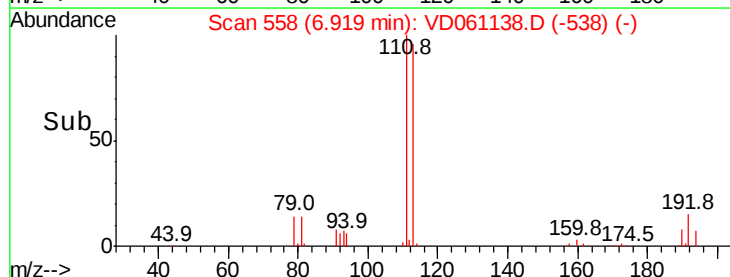
192 15.8 13.1 19.7

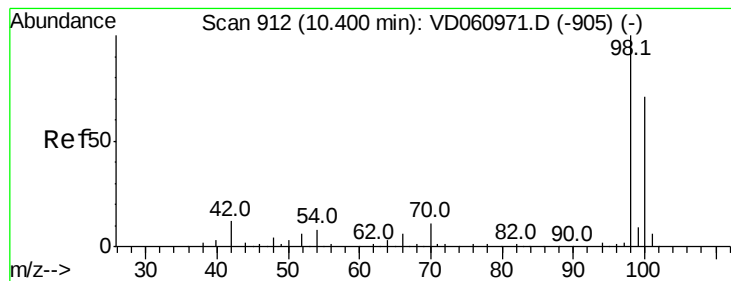


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD061138.D

Acq: 18 Mar 2019 11:46

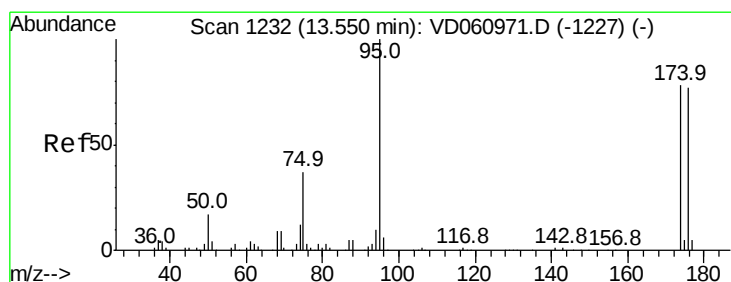
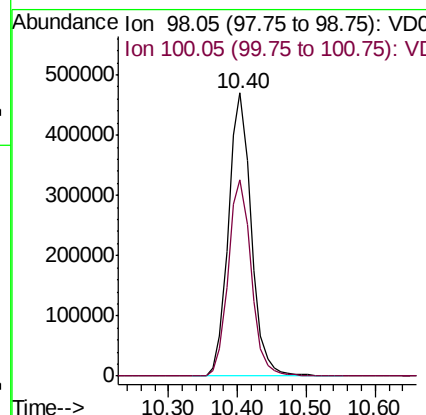
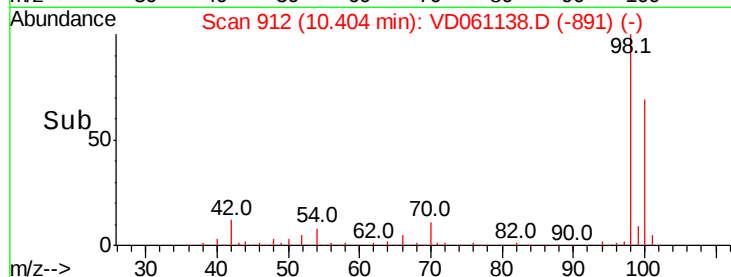
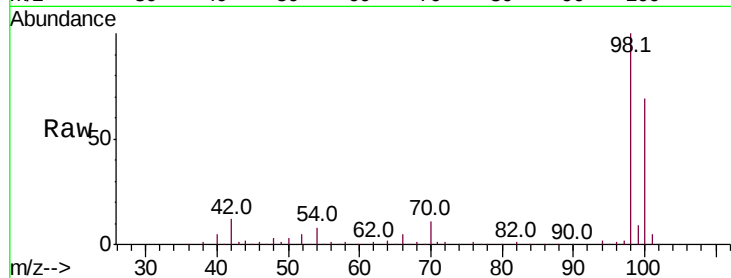
Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

Tot Ion: 98 Resp: 1079966

Ion Ratio Lower Upper

98 100

100 69.1 57.4 86.2



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061138.D

Acq: 18 Mar 2019 11:46

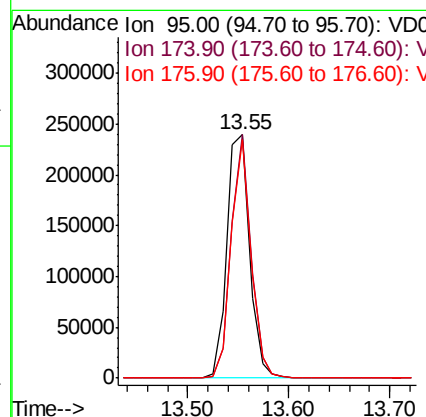
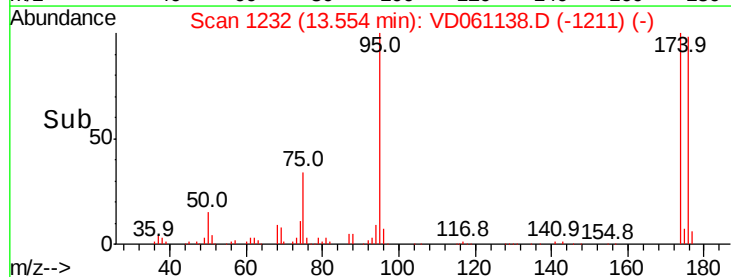
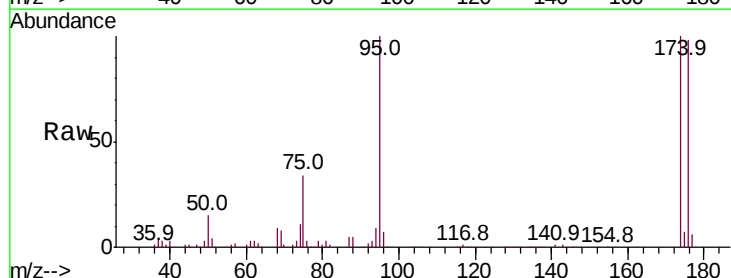
Tgt Ion: 95 Resp: 378528

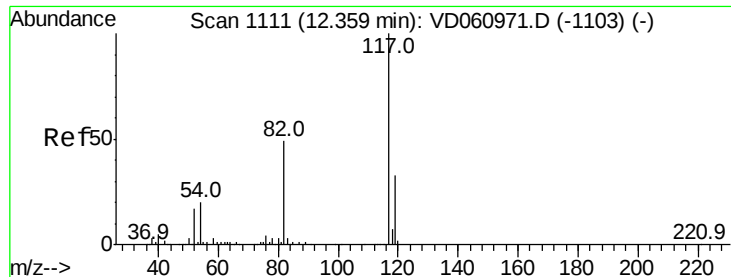
Ion Ratio Lower Upper

95 100

174 99.9 0.0 155.6

176 98.1 0.0 153.8

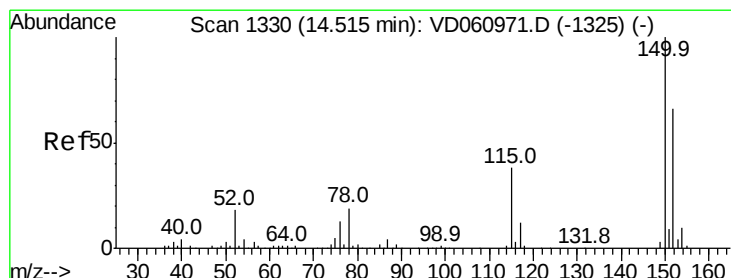
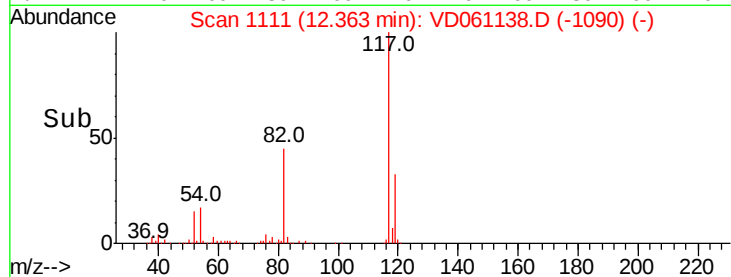
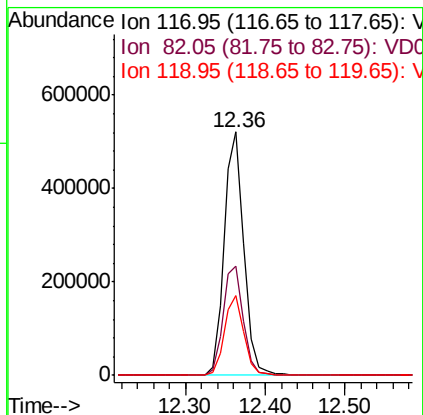
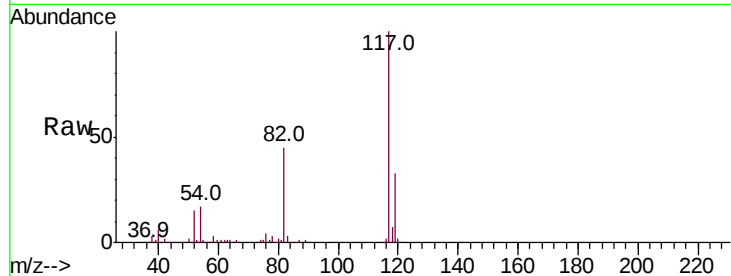




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061138.D
Acq: 18 Mar 2019 11:46

Instrument :
MSVOA_D
ClientSampleId :
VD0318SBL01

Tot Ion:117 Resp: 903093
Ion Ratio Lower Upper
117 100
82 44.8 38.9 58.3
119 32.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061138.D
Acq: 18 Mar 2019 11:46

Tgt Ion:152 Resp: 359561
Ion Ratio Lower Upper
152 100
115 50.2 28.6 85.9
150 151.7 0.0 310.6

