

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062018\
 Data File : VD058205.D
 Acq On : 20 Jun 2018 12:40
 Operator : VA/AP
 Sample : VD0620SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL01

Quant Time: Jun 21 02:46:25 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	1111426	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.70	114	1433912	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.69	117	1146824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.92	152	598089	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.02	65	594566	52.96	ug/l	0.01
Spiked Amount	50.000		Recovery	=	105.92%	
35) Dibromofluoromethane	5.56	113	603082	51.68	ug/l	0.01
Spiked Amount	50.000		Recovery	=	103.36%	
50) Toluene-d8	8.71	98	1474050	52.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.93	95	608095	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	

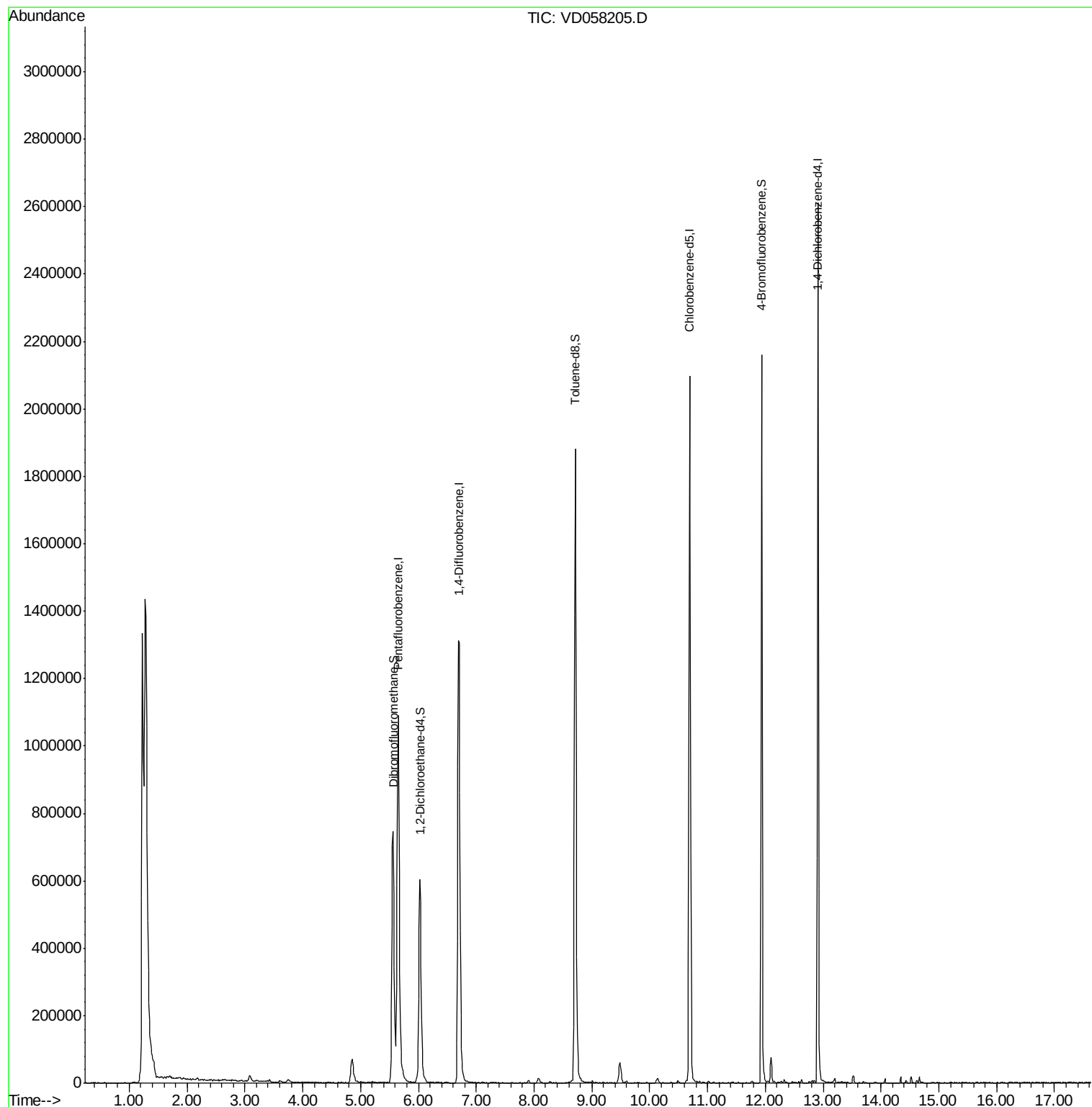
Target Compounds	Qvalue

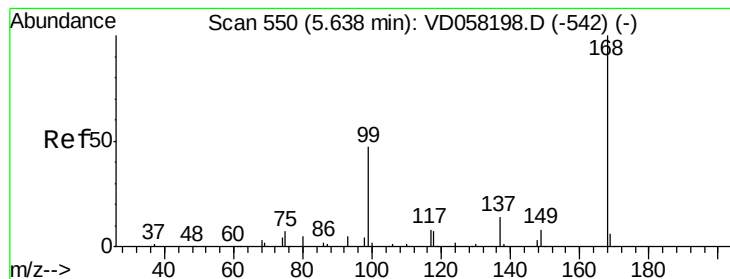
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062018\
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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.65 min Scan# 551

Delta R.T. 0.01 min

Lab File: VD058205.D

Acq: 20 Jun 2018 12:40

Instrument :

MSVOA_D

ClientSampleId :

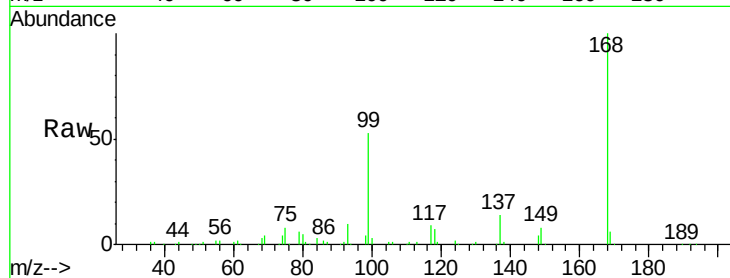
VD0620SBL01

Tot Ion:168 Resp: 1111426

Ion Ratio Lower Upper

168 100

99 53.4 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.65

400000

300000

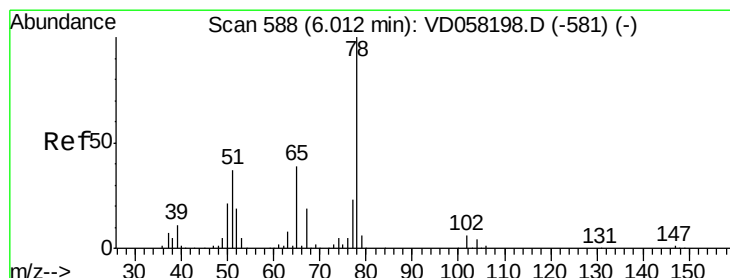
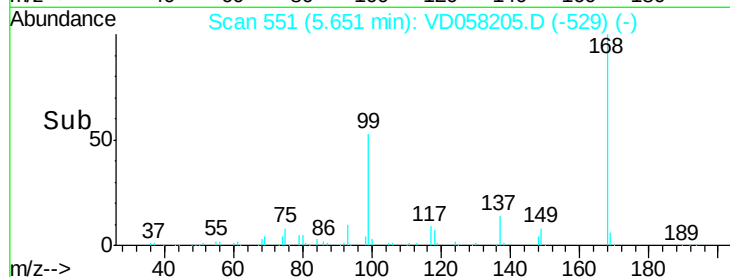
200000

100000

0

5.50 5.60 5.70 5.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.02 min Scan# 589

Delta R.T. 0.01 min

Lab File: VD058205.D

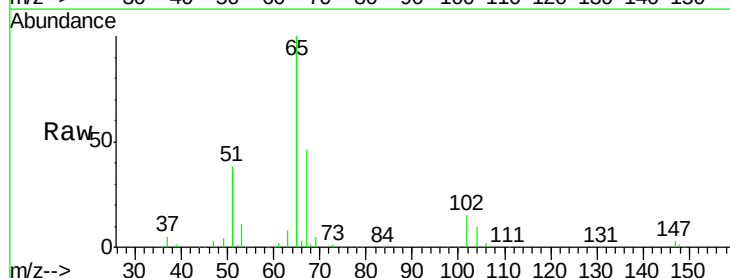
Acq: 20 Jun 2018 12:40

Tgt Ion: 65 Resp: 594566

Ion Ratio Lower Upper

65 100

67 46.2 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.02

250000

200000

150000

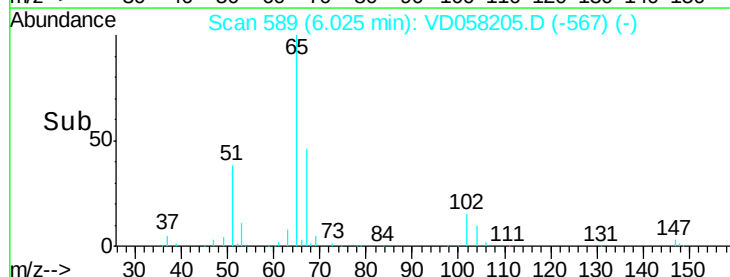
100000

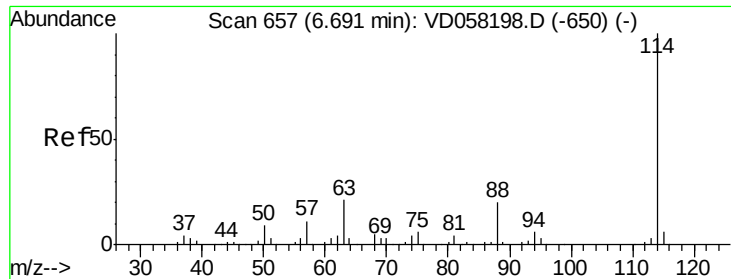
50000

0

5.90 6.00 6.10 6.20

Time-->

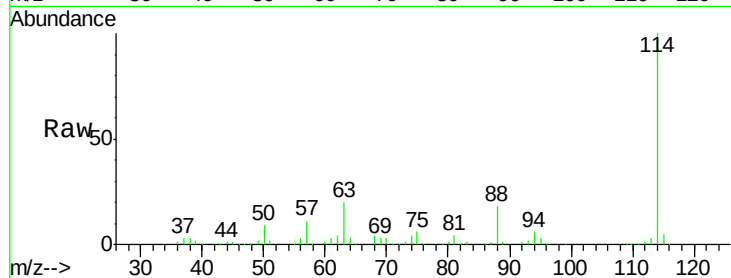




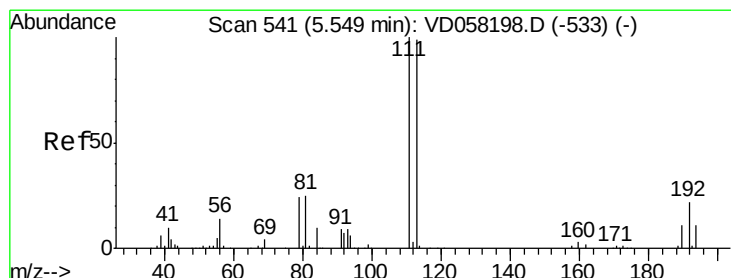
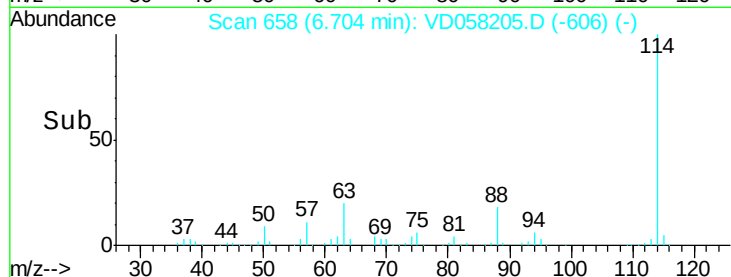
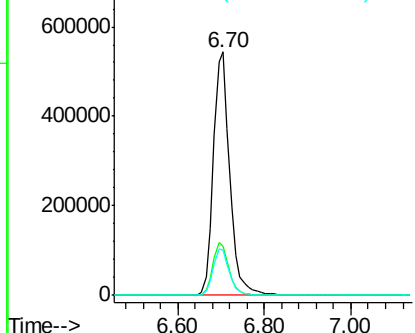
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.70 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VD058205.D
 Acq: 20 Jun 2018 12:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0620SBL01

Tot Ion:114 Resp: 1433912
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 18.3 0.0 40.6

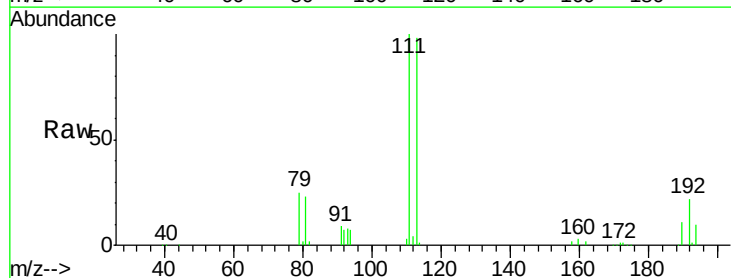


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

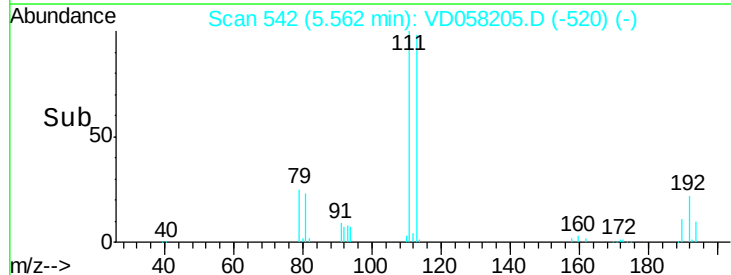
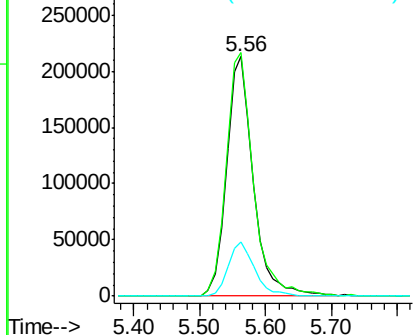


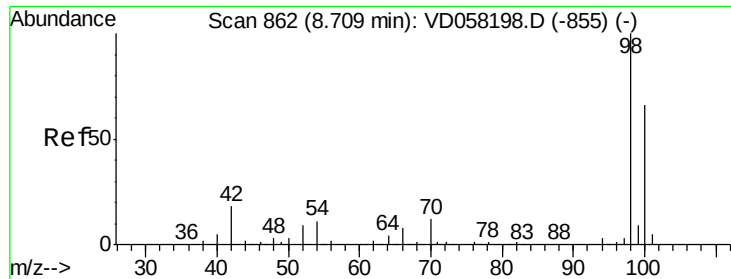
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 5.56 min Scan# 542
 Delta R.T. 0.01 min
 Lab File: VD058205.D
 Acq: 20 Jun 2018 12:40

Tgt Ion:113 Resp: 603082
 Ion Ratio Lower Upper
 113 100
 111 101.8 80.6 121.0
 192 22.8 17.8 26.6



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: 8.71 min Scan# 862

Delta R.T. 0.00 min

Lab File: VD058205.D

Acq: 20 Jun 2018 12:40

Instrument :

MSVOA_D

ClientSampleId :

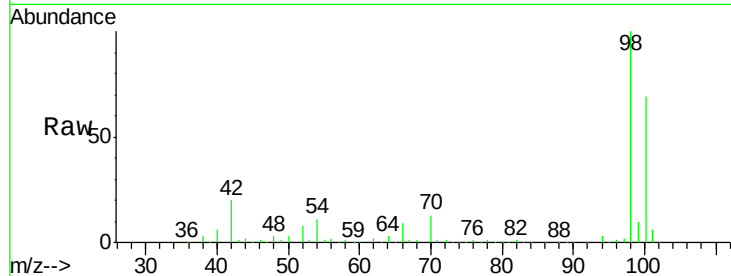
VD0620SBL01

Tot Ion: 98 Resp: 1474050

Ion Ratio Lower Upper

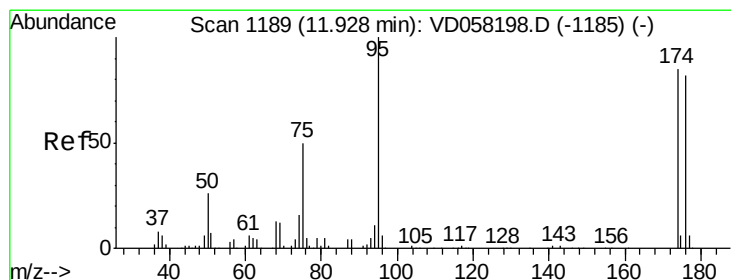
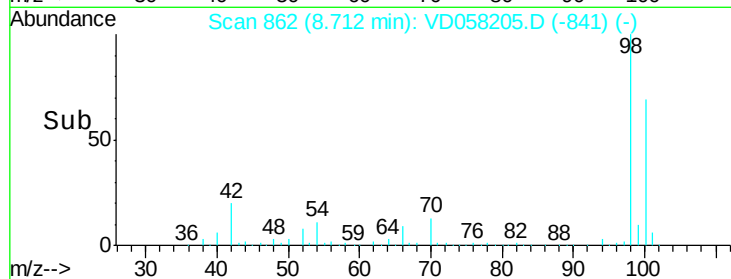
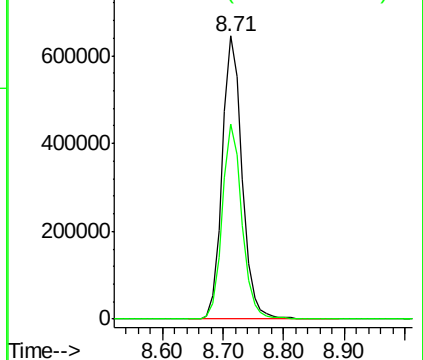
98 100

100 69.0 53.6 80.4



Abundance Ion 98.05 (97.75 to 98.75): VD0

Ion 100.05 (99.75 to 100.75): VD



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 11.93 min Scan# 1189

Delta R.T. 0.00 min

Lab File: VD058205.D

Acq: 20 Jun 2018 12:40

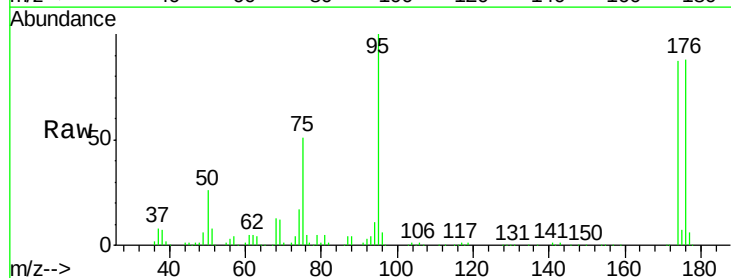
Tgt Ion: 95 Resp: 608095

Ion Ratio Lower Upper

95 100

174 87.1 0.0 170.2

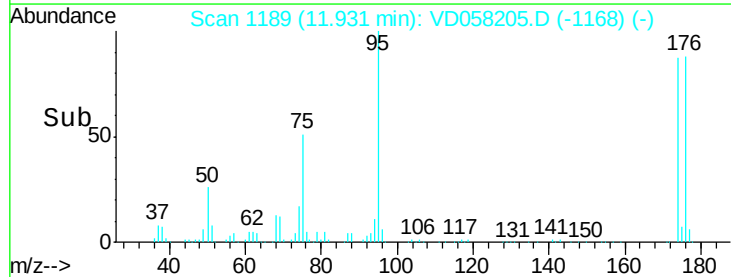
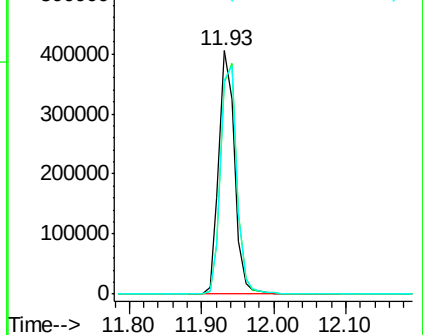
176 88.0 0.0 164.6

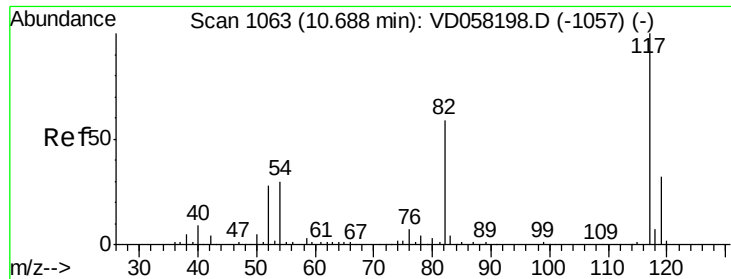


Abundance Ion 95.00 (94.70 to 95.70): VD0

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

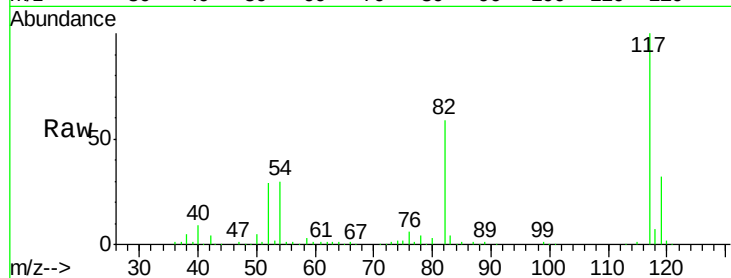




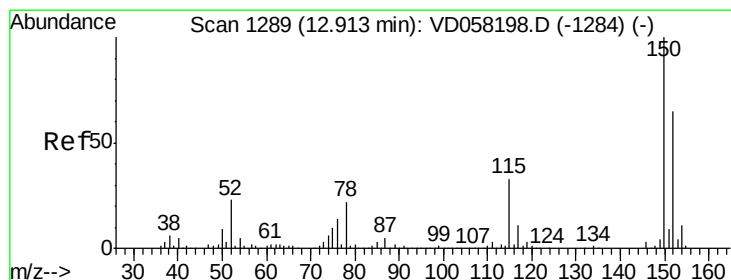
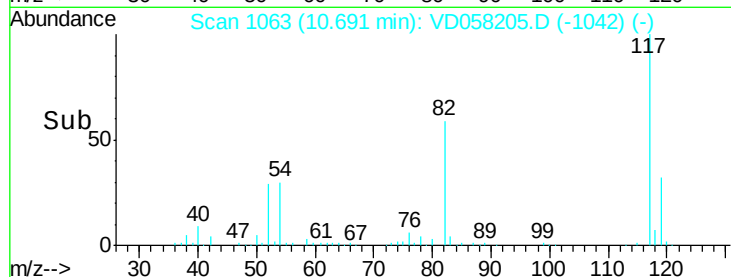
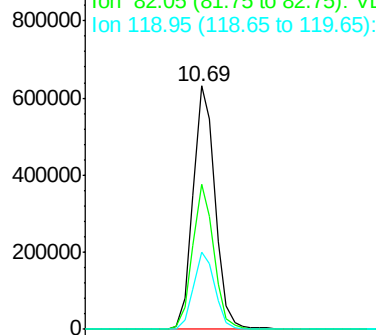
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.69 min Scan# 1063
Delta R.T. 0.00 min
Lab File: VD058205.D
Acq: 20 Jun 2018 12:40

Instrument :
MSVOA_D
ClientSampleId :
VD0620SBL01

Tot Ion:117 Resp: 1146824
Ion Ratio Lower Upper
117 100
82 59.4 47.0 70.6
119 31.7 25.3 37.9

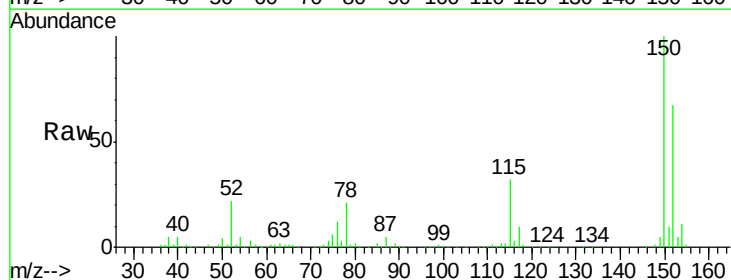


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.92 min Scan# 1289
Delta R.T. 0.00 min
Lab File: VD058205.D
Acq: 20 Jun 2018 12:40

Tgt Ion:152 Resp: 598089
Ion Ratio Lower Upper
152 100
115 48.1 25.1 75.3
150 149.1 0.0 308.8



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

