

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080818\
 Data File : VD059711.D
 Acq On : 8 Aug 2018 14:17
 Operator : VA/AP
 Sample : J4297-01RE
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Quant Time: Aug 08 15:06:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080618S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 08 02:03:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-5.62
34) 1,4-Difluorobenzene	6.69	114	686	50.00	ug/l	0.02
63) Chlorobenzene-d5	10.70	117	787	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.91	152	238	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	8.71	98	647	48.24	ug/l	0.02
Spiked Amount	50.000		Recovery	=	96.48%	
62) 4-Bromofluorobenzene	11.94	95	189	30.53	ug/l	0.02
Spiked Amount	50.000		Recovery	=	61.06%	

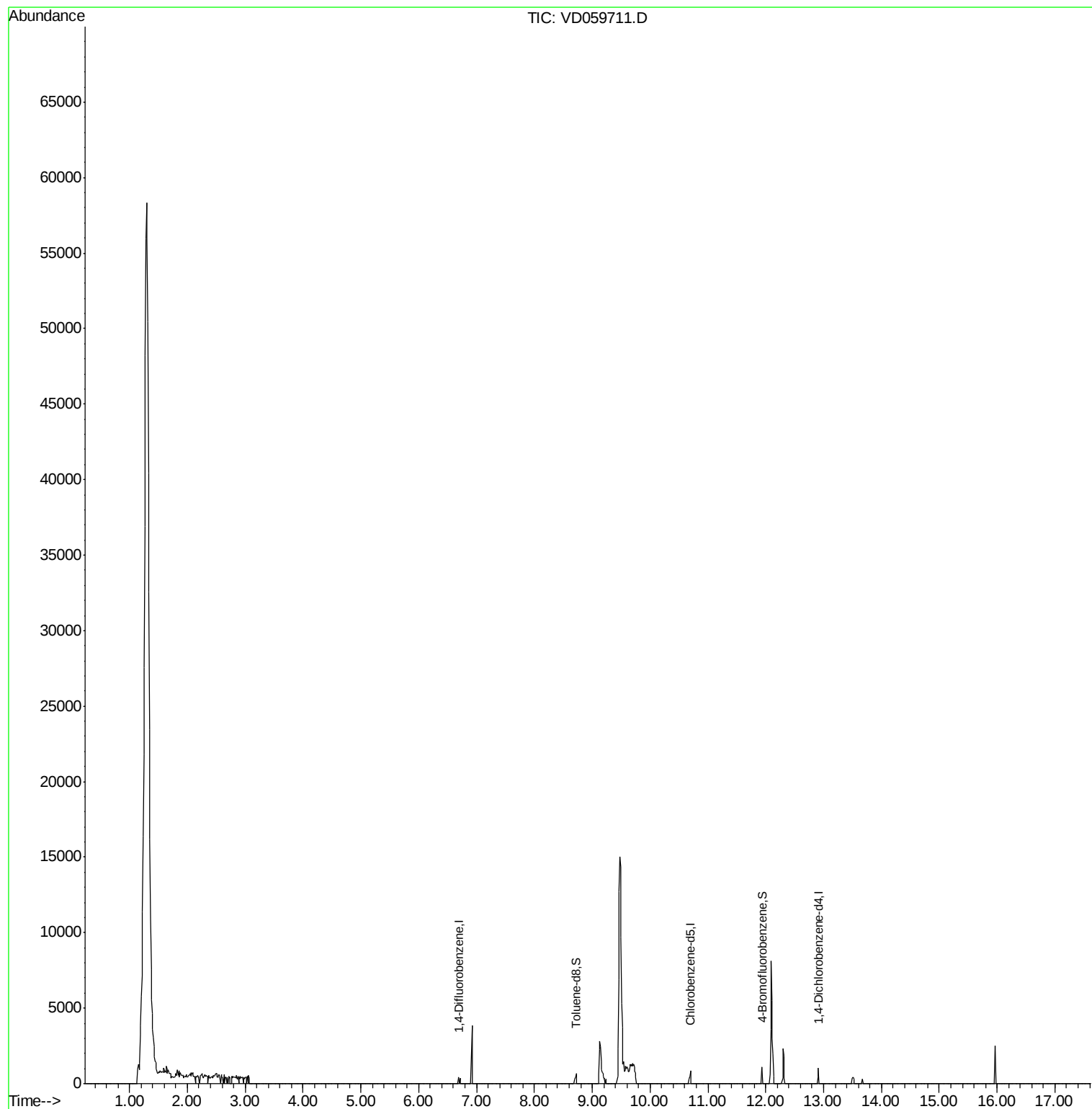
Target Compounds	Qvalue

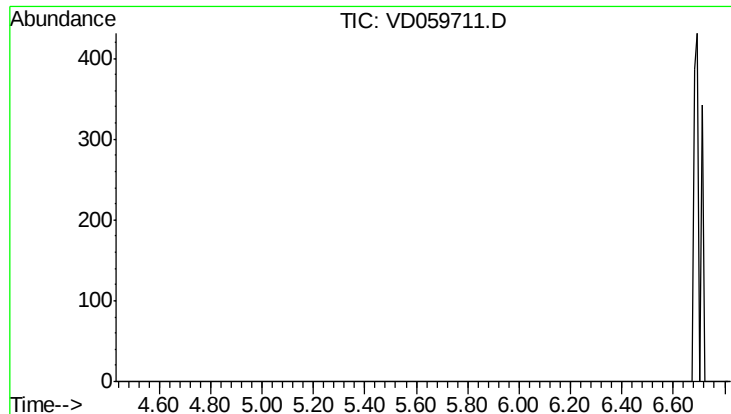
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 0.000 ug/l

Expected RT: 5.62 min

Lab File: VD059711.D

Acq: 8 Aug 2018 14:17

Tot Ion: 168

Sig Exp Ratio

168 100

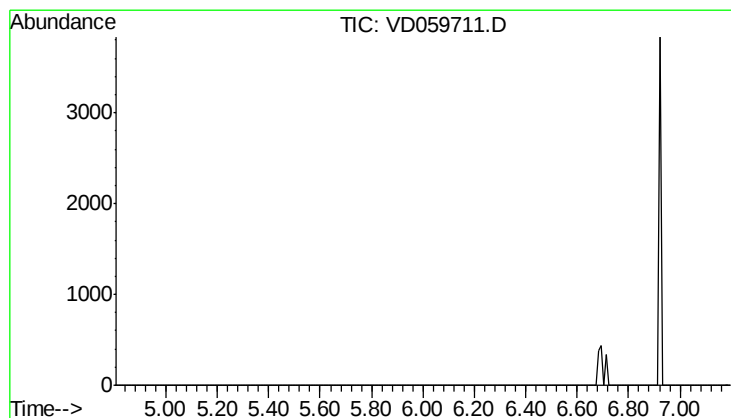
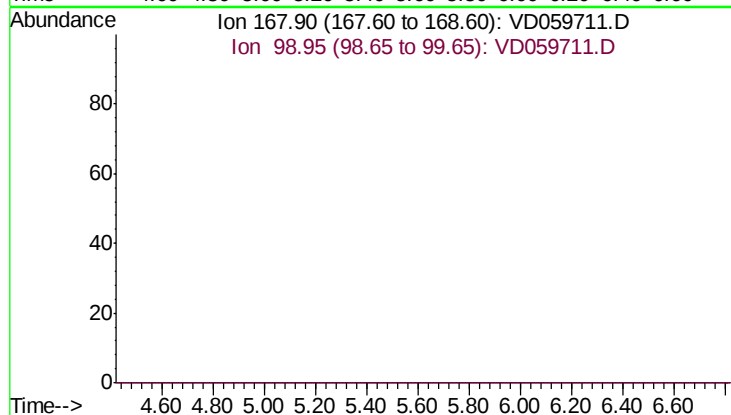
99 66.8

Instrument :

MSVOA_D

ClientSampleId :

TP-1RE



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

Expected RT: 6.00 min

Lab File: VD059711.D

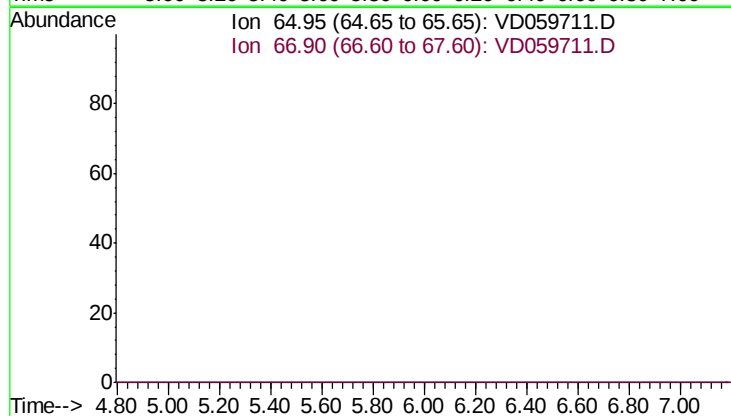
Acq: 8 Aug 2018 14:17

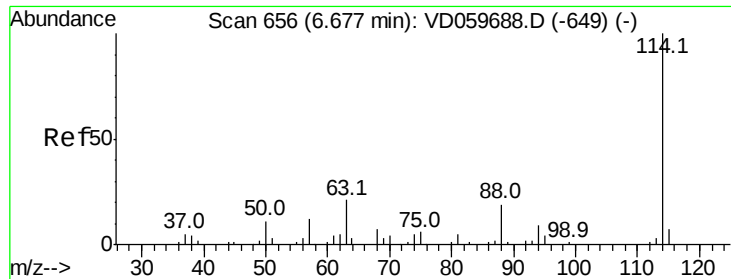
Tgt Ion: 65

Sig Exp Ratio

65 100

67 40.2

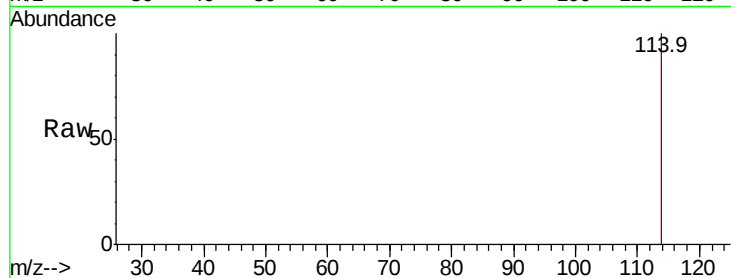




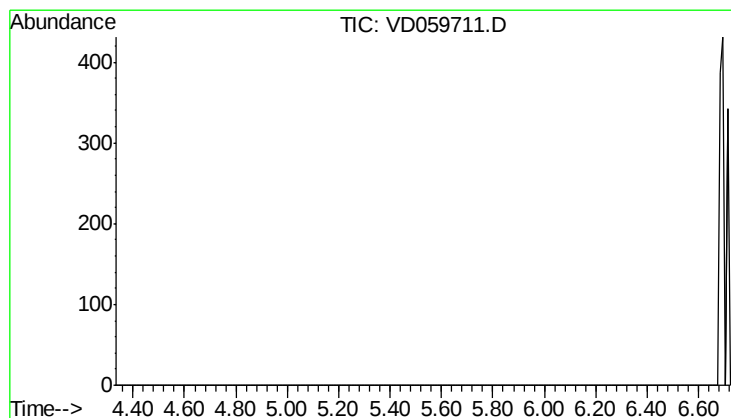
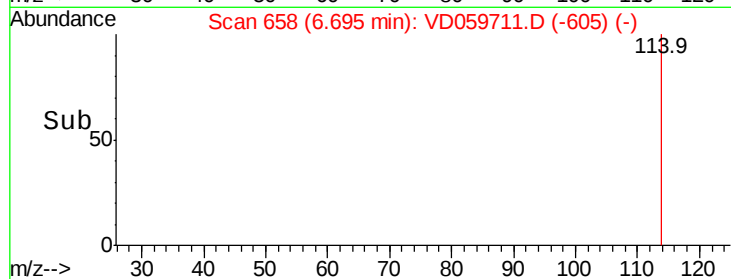
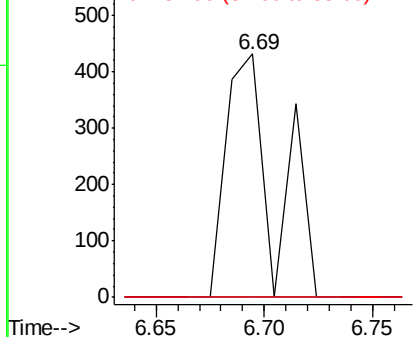
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 658
 Delta R.T. 0.02 min
 Lab File: VD059711.D
 Acq: 8 Aug 2018 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tot Ion:114 Resp: 686
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 42.6
 88 0.0 0.0 38.8

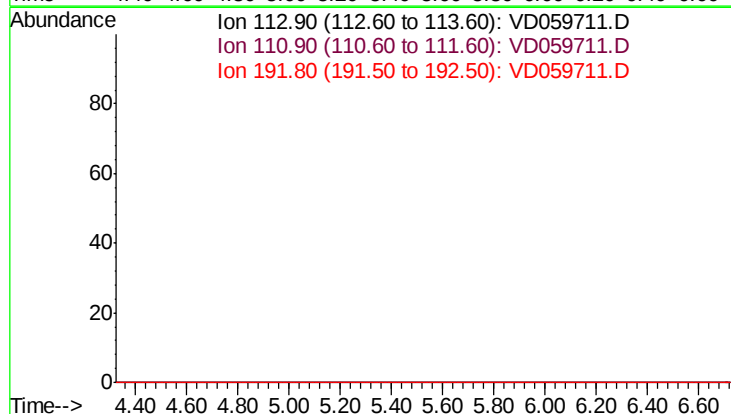


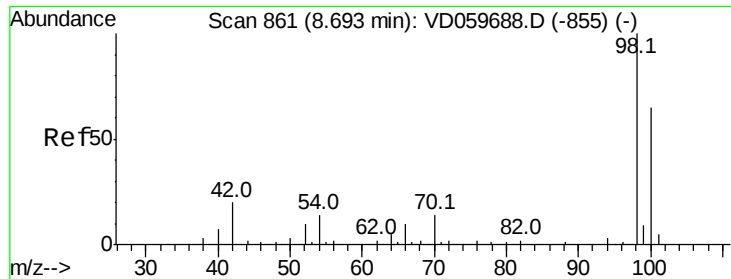
Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 Expected RT: 5.53 min
 Lab File: VD059711.D
 Acq: 8 Aug 2018 14:17

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.5
 192 18.3





#50

Toluene-d8

Concen: N.D. ug/l

RT: 8.71 min Scan# 863

Delta R.T. 0.02 min

Lab File: VD059711.D

Acq: 8 Aug 2018 14:17

Instrument :

MSVOA_D

ClientSampleId :

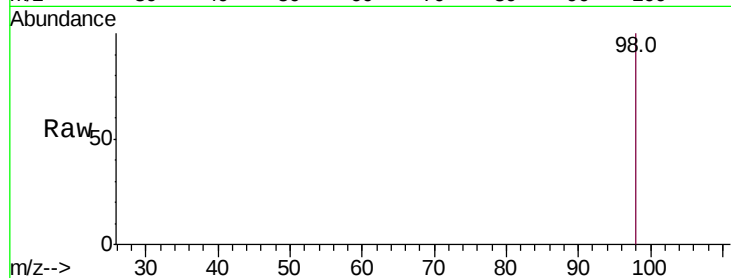
TP-1RE

Tot Ion: 98 Resp: 647

Ion Ratio Lower Upper

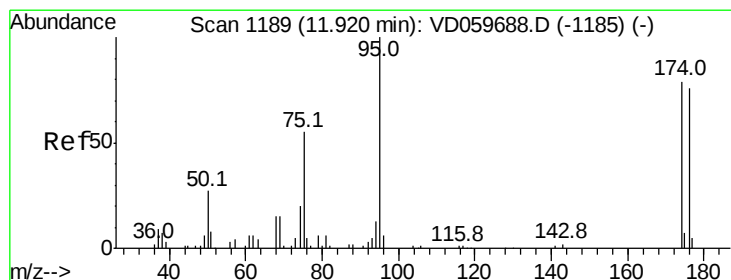
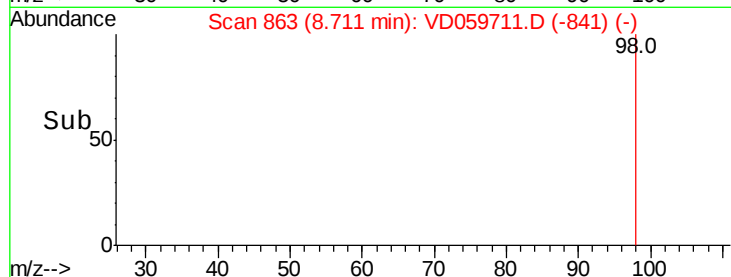
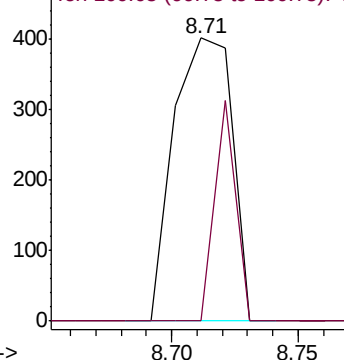
98 100

100 0.0 52.5 78.7#



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 11.94 min Scan# 1191

Delta R.T. 0.02 min

Lab File: VD059711.D

Acq: 8 Aug 2018 14:17

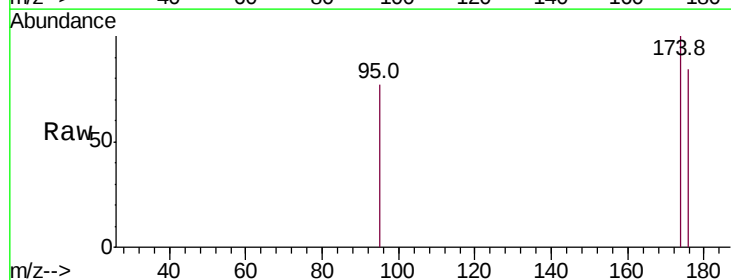
Tgt Ion: 95 Resp: 189

Ion Ratio Lower Upper

95 100

174 129.9 0.0 158.4

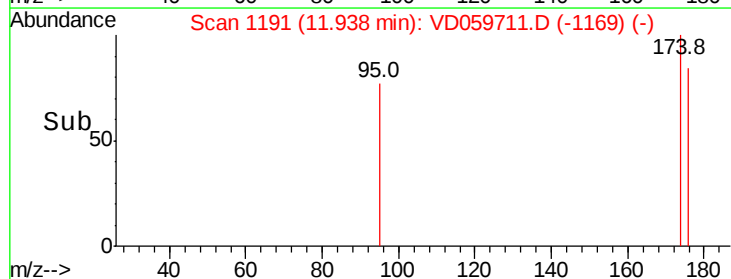
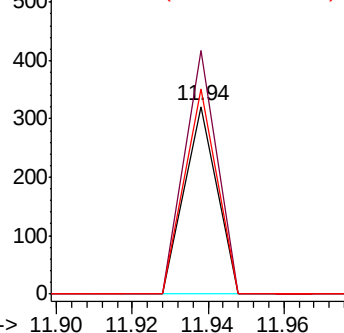
176 109.3 0.0 153.0

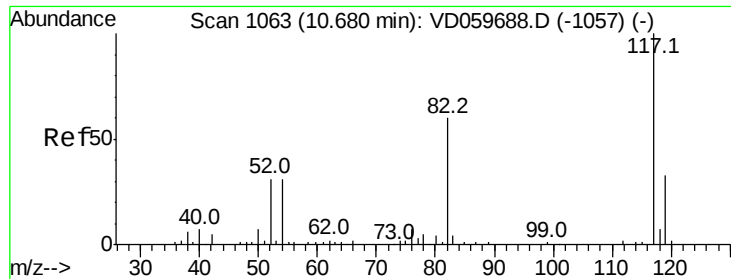


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

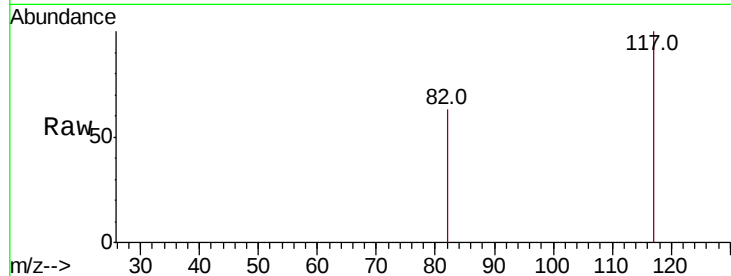




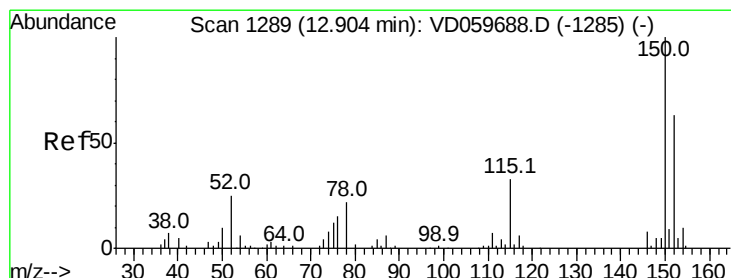
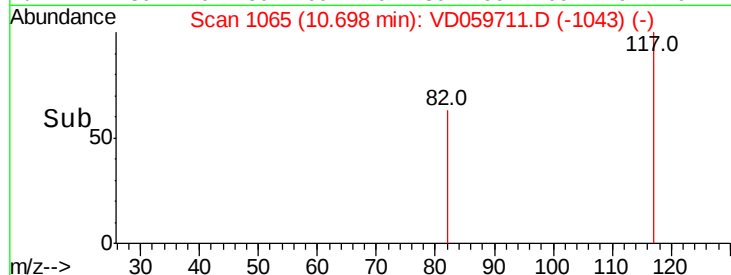
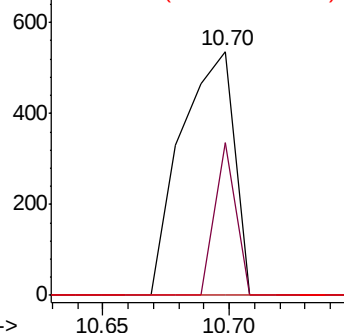
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.70 min Scan# 1065
 Delta R.T. 0.02 min
 Lab File: VD059711.D
 Acq: 8 Aug 2018 14:17

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1RE

Tot Ion:117 Resp: 787
 Ion Ratio Lower Upper
 117 100
 82 62.5 47.7 71.5
 119 0.0 26.6 40.0#

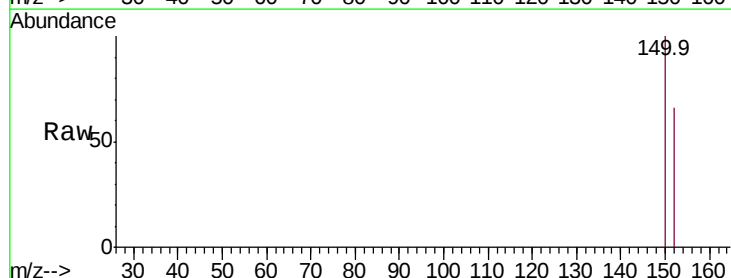


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.91 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: VD059711.D
 Acq: 8 Aug 2018 14:17

Tgt Ion:152 Resp: 238
 Ion Ratio Lower Upper
 152 100
 115 0.0 28.8 86.4#
 150 152.1 0.0 318.0



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

