

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073018\
 Data File : VD059633.D
 Acq On : 30 Jul 2018 22:07
 Operator : VA/AP
 Sample : J4189-11RE
 Misc : 5.96g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-SRE

Quant Time: Jul 31 06:38:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 25 07:10:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	49561	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	6.67	114	70753	50.00	ug/l	0.01
63) Chlorobenzene-d5	10.68	117	57032	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.90	152	22499	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.99	65	57453	92.21	ug/l	0.01
Spiked Amount	50.000		Recovery	=	184.42%	
35) Dibromofluoromethane	5.52	113	40106	66.08	ug/l	0.01
Spiked Amount	50.000		Recovery	=	132.16%	
50) Toluene-d8	8.69	98	68151	49.50	ug/l	0.01
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	11.92	95	28303	45.64	ug/l	0.01
Spiked Amount	50.000		Recovery	=	91.28%	

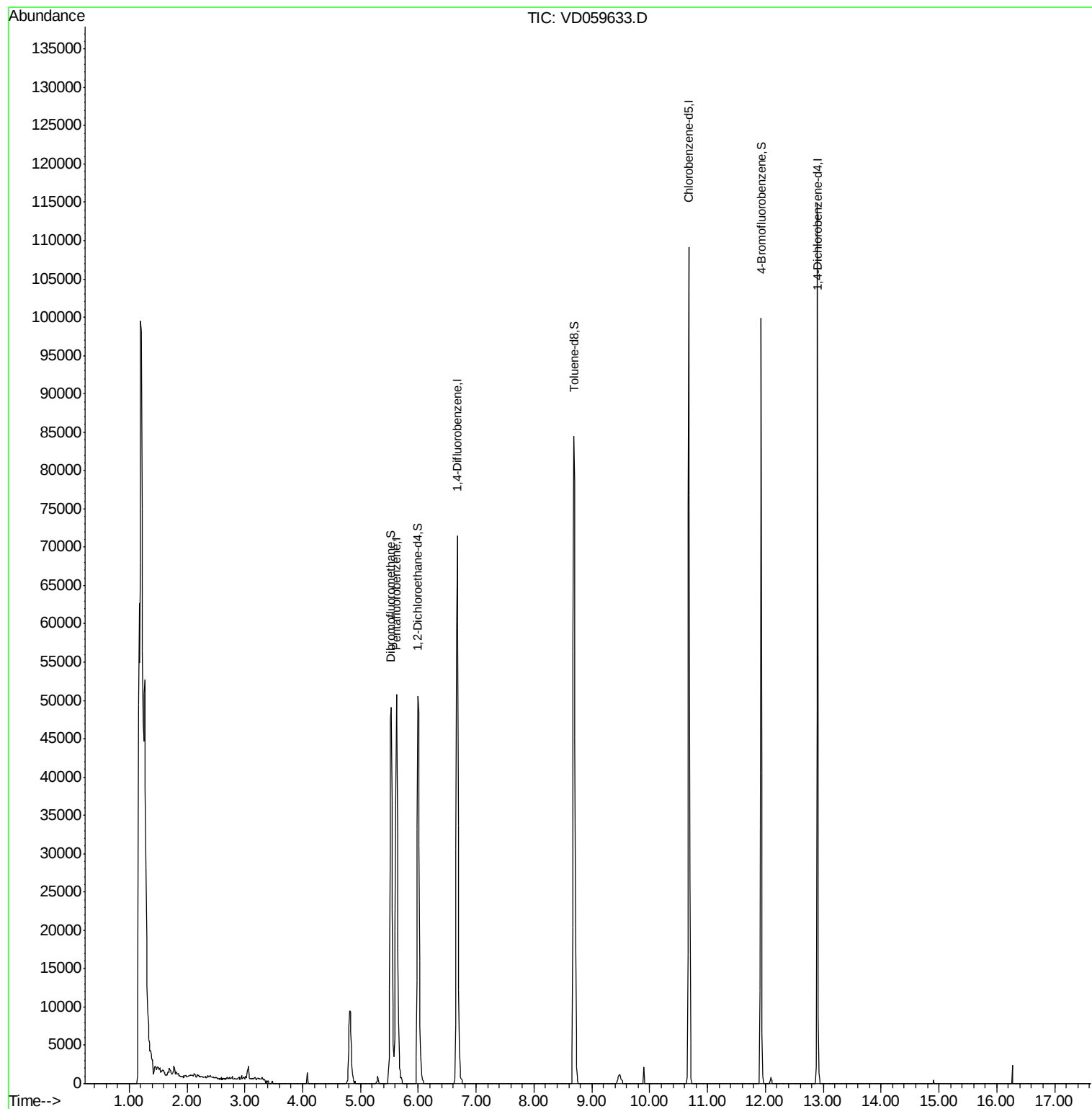
Target Compounds	Qvalue

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

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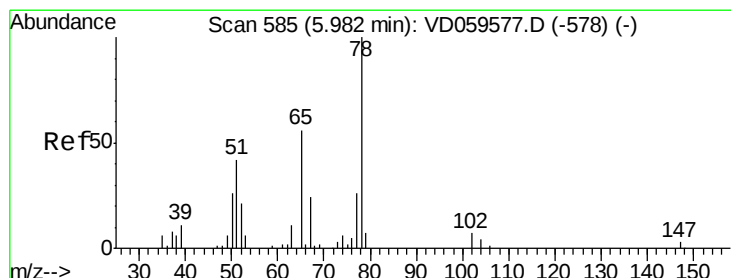
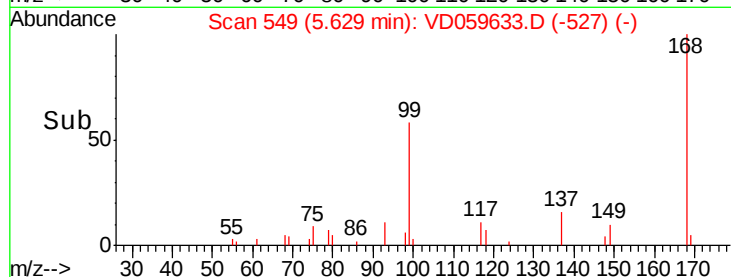
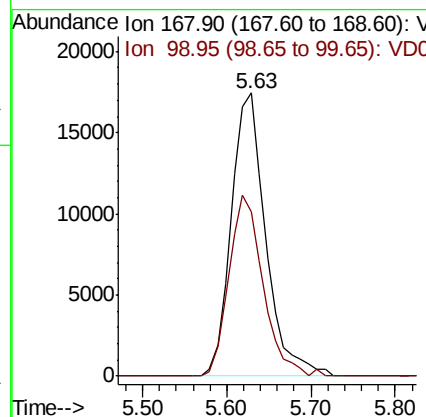
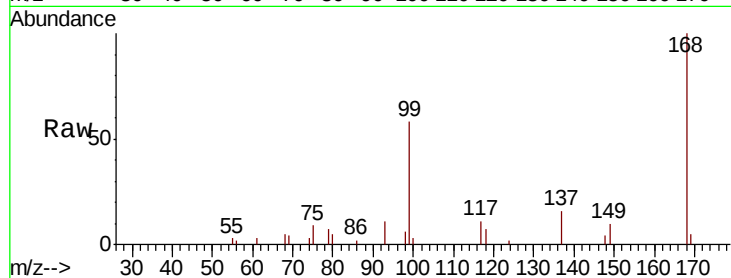




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.63 min Scan# 549
Delta R.T. 0.02 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

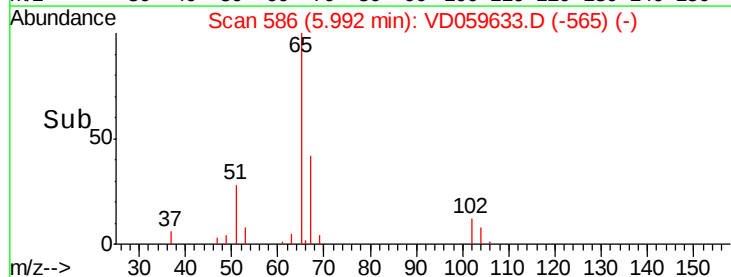
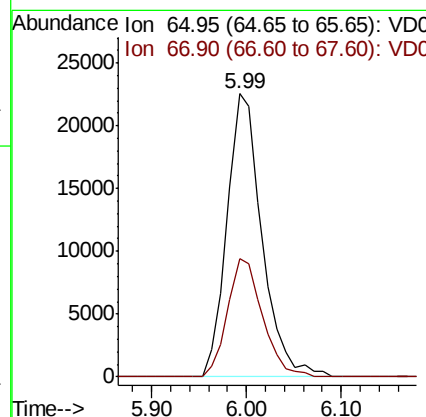
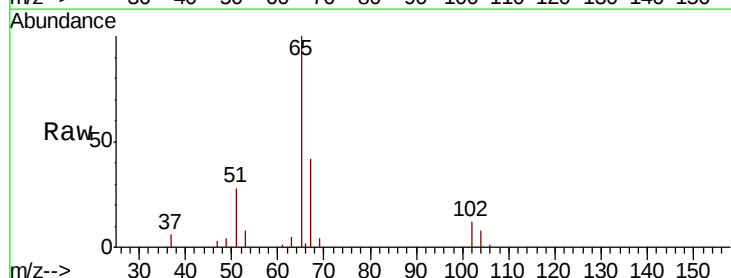
Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Tot Ion:168 Resp: 49561
Ion Ratio Lower Upper
168 100
99 58.1 47.3 70.9



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 5.99 min Scan# 586
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion: 65 Resp: 57453
Ion Ratio Lower Upper
65 100
67 42.0 0.0 86.4





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.67 min Scan# 655

Delta R.T. 0.01 min

Lab File: VD059633.D

Acq: 30 Jul 2018 22:07

Instrument :

MSVOA_D

ClientSampleId :

TP-13-SRE

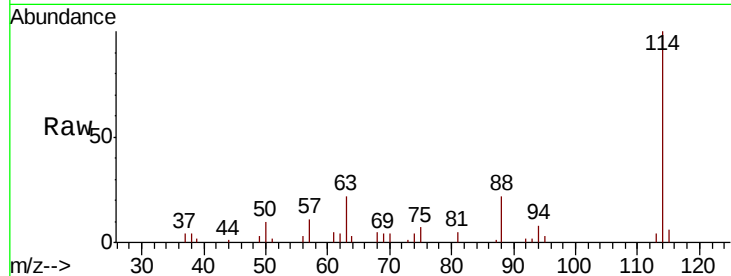
Tot Ion:114 Resp: 70753

Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.8

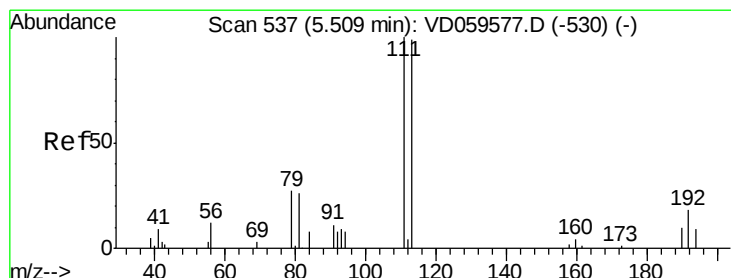
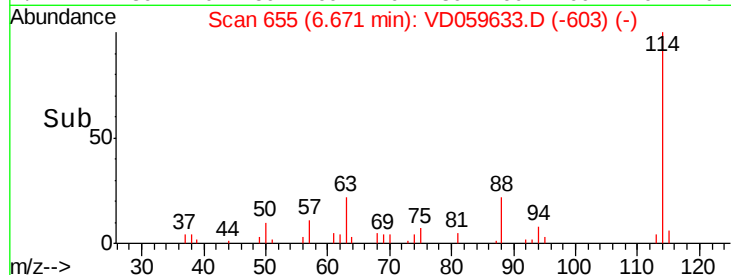
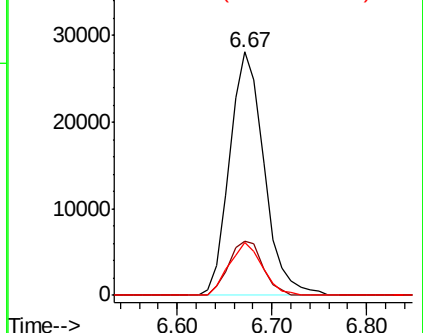
88 21.8 0.0 39.0



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: 5.52 min Scan# 538

Delta R.T. 0.01 min

Lab File: VD059633.D

Acq: 30 Jul 2018 22:07

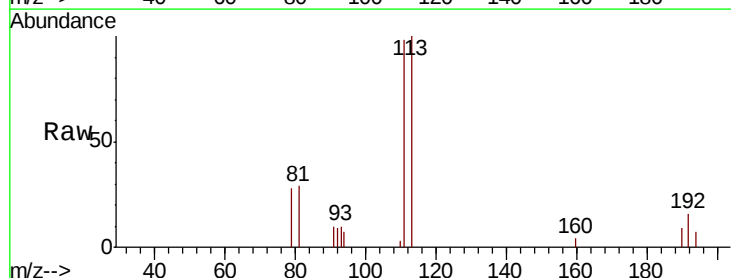
Tgt Ion:113 Resp: 40106

Ion Ratio Lower Upper

113 100

111 97.8 80.5 120.7

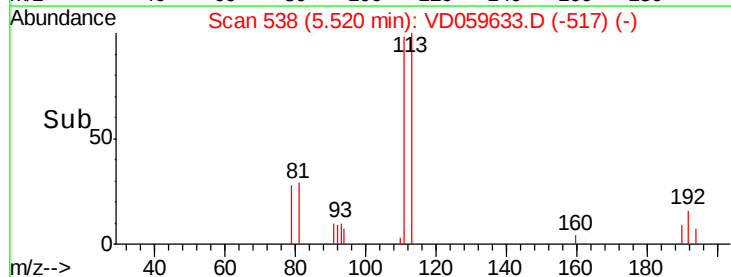
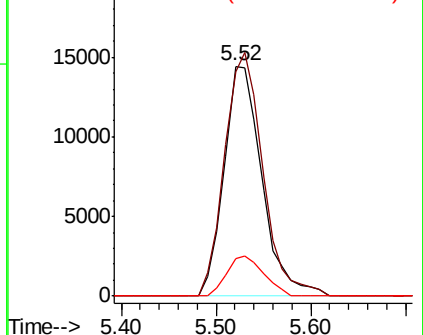
192 16.1 14.5 21.7

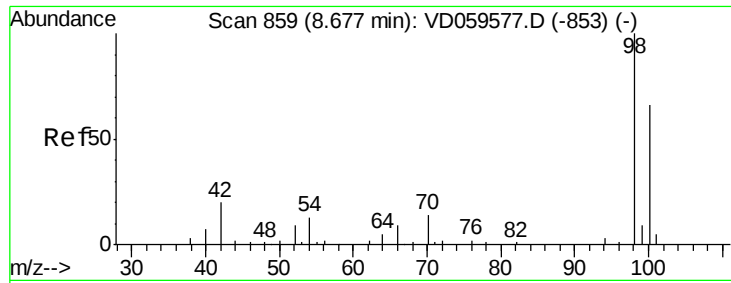


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

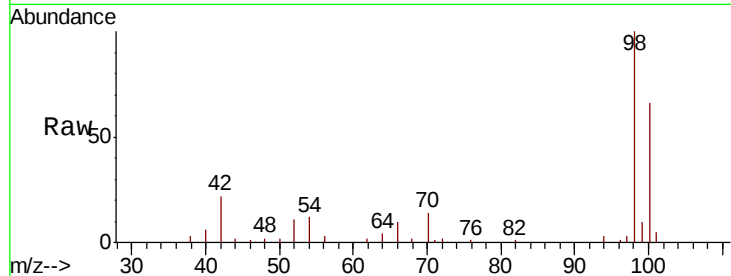




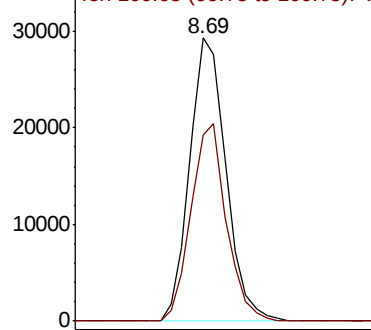
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.69 min Scan# 860
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

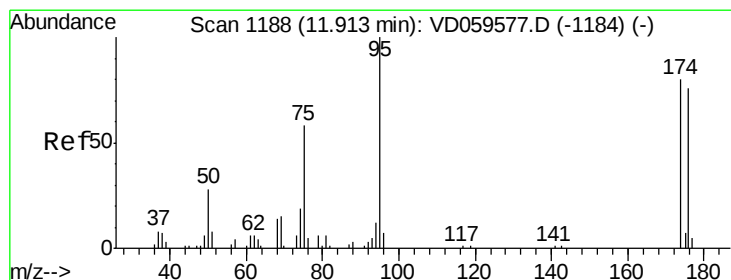
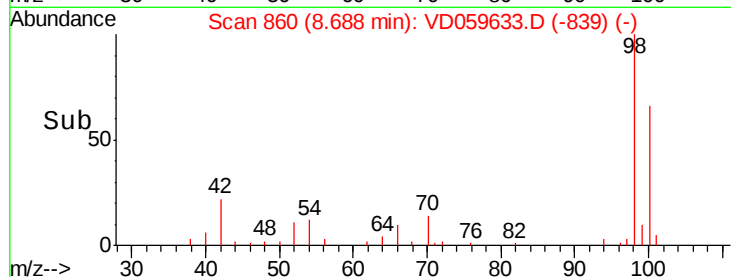
Tot Ion: 98 Resp: 68151
Ion Ratio Lower Upper
98 100
100 65.7 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VD059577.D (-853) (-)
Ion 100.05 (99.75 to 100.75): VD059577.D (-853) (-)

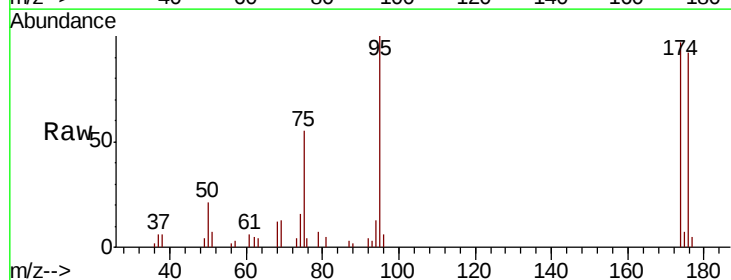


Time-->

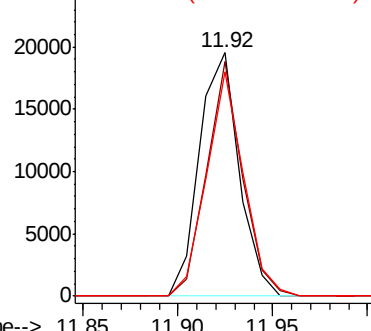


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.92 min Scan# 1189
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

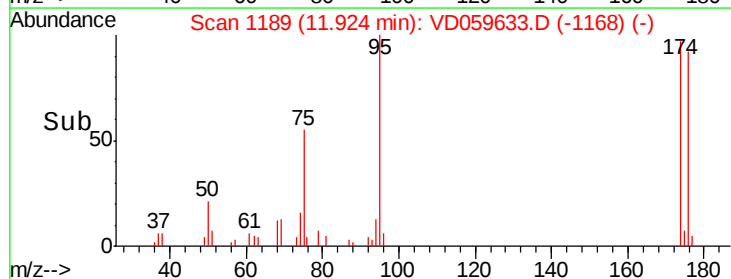
Tgt Ion: 95 Resp: 28303
Ion Ratio Lower Upper
95 100
174 96.6 0.0 160.6
176 91.9 0.0 152.8

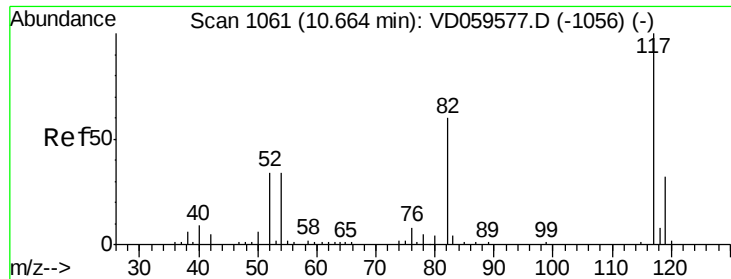


Abundance Ion 95.00 (94.70 to 95.70): VD059577.D (-1184) (-)
Ion 173.90 (173.60 to 174.60): VD059577.D (-1184) (-)
Ion 175.90 (175.60 to 176.60): VD059577.D (-1184) (-)



Time-->

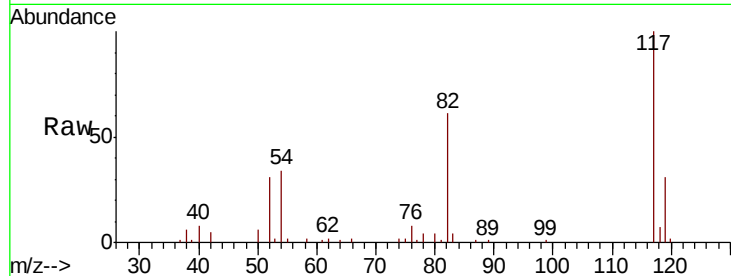




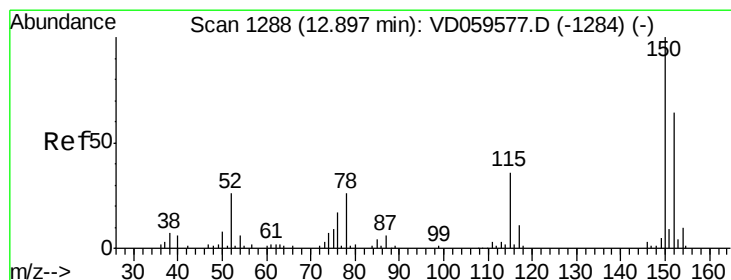
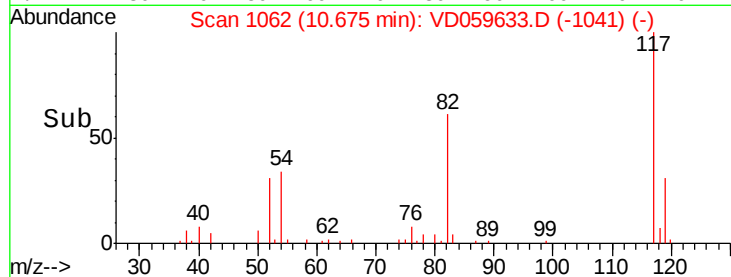
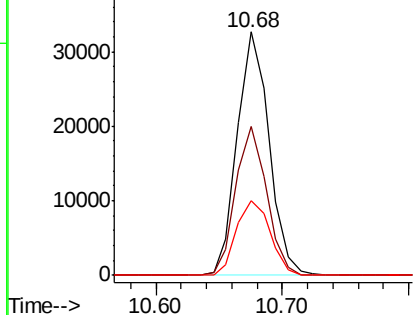
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.68 min Scan# 1062
Delta R.T. 0.01 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-13-SRE

Tot Ion:117 Resp: 57032
Ion Ratio Lower Upper
117 100
82 61.2 48.2 72.2
119 30.6 25.4 38.2

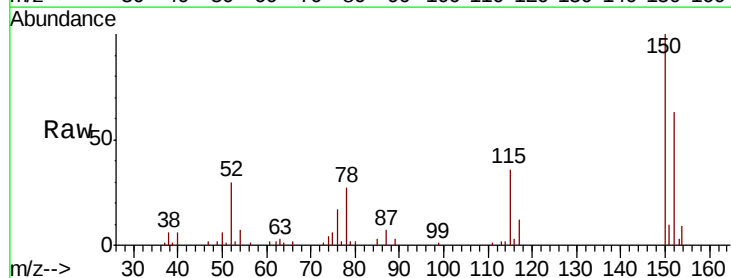


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.90 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VD059633.D
Acq: 30 Jul 2018 22:07

Tgt Ion:152 Resp: 22499
Ion Ratio Lower Upper
152 100
115 57.5 29.5 88.6
150 159.3 0.0 314.4



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

