

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061677.D
 Acq On : 9 Apr 2019 16:20
 Operator : VA/AP
 Sample : K2240-09
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-COMP

Quant Time: Apr 10 01:49:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.09	168	51941	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.26	114	83694	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.39	117	77098	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.54	152	28881	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.50	65	38818	98.60	ug/l	0.05
Spiked Amount	50.000		Recovery	=	197.20%	
35) Dibromofluoromethane	6.97	113	42529	73.35	ug/l	0.05
Spiked Amount	50.000		Recovery	=	146.70%	
50) Toluene-d8	10.44	98	88204	60.55	ug/l	0.04
Spiked Amount	50.000		Recovery	=	121.10%	
62) 4-Bromofluorobenzene	13.57	95	33679	72.31	ug/l	0.02
Spiked Amount	50.000		Recovery	=	144.62%	

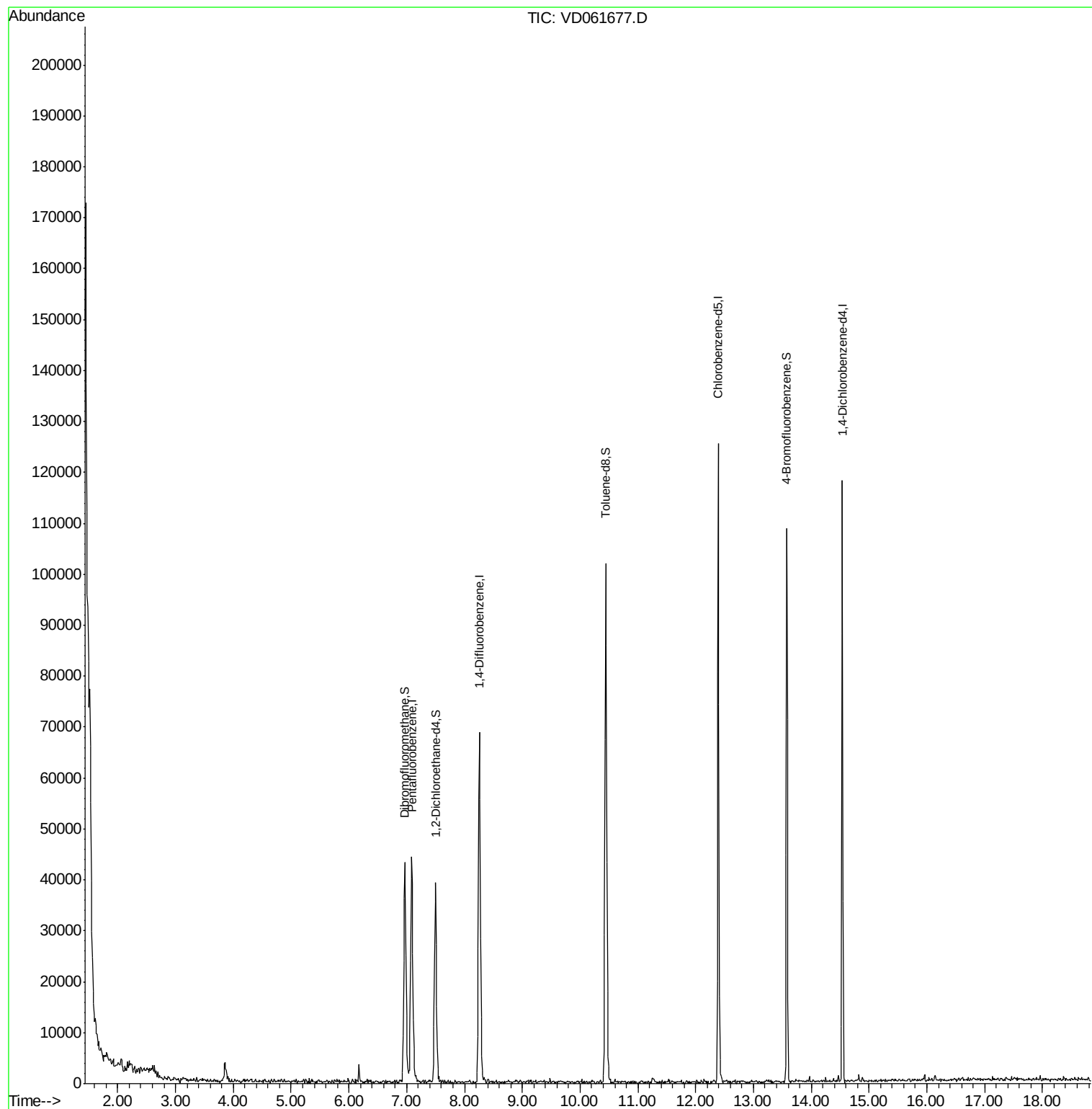
Target Compounds	Qvalue

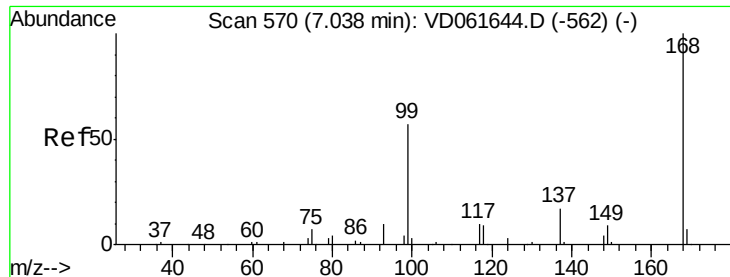
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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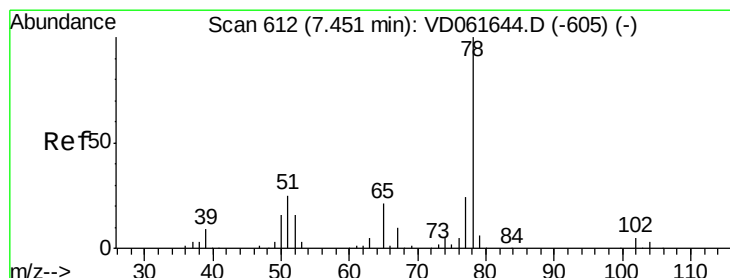
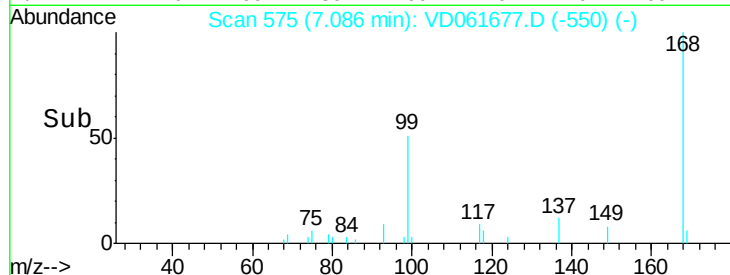
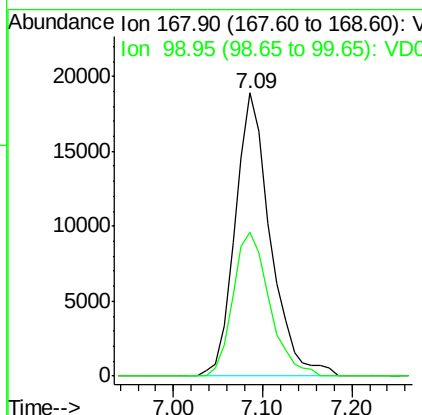
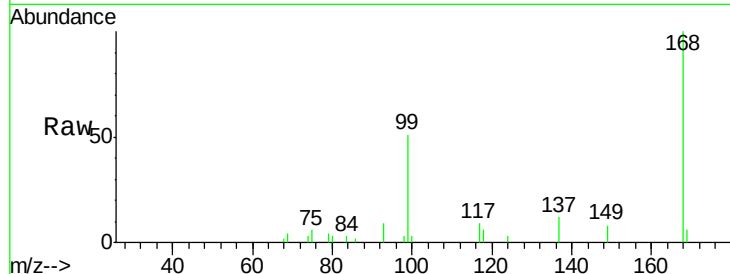




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.09 min Scan# 575
Delta R.T. 0.05 min
Lab File: VD061677.D
Acq: 9 Apr 2019 16:20

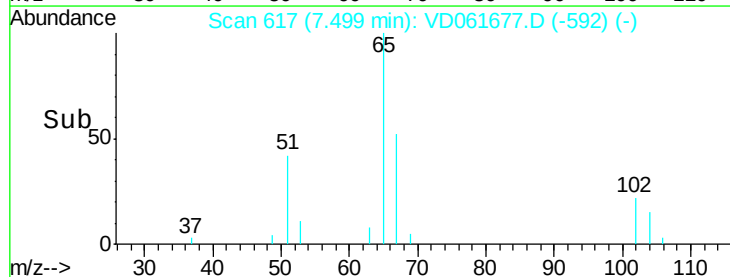
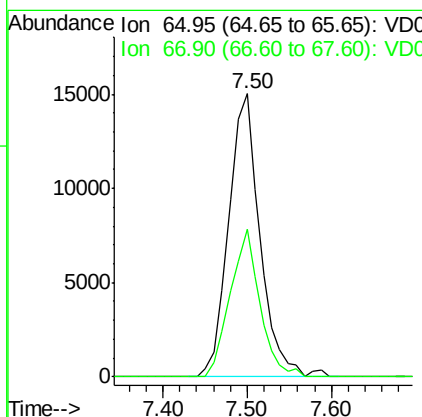
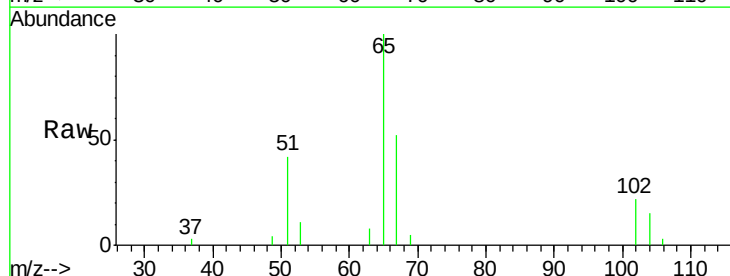
Instrument :
MSVOA_D
ClientSampleId :
SB-03-COMP

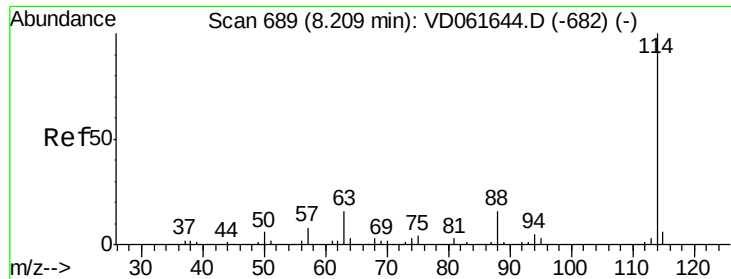
Tot Ion:168 Resp: 51941
Ion Ratio Lower Upper
168 100
99 50.9 46.8 70.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.50 min Scan# 617
Delta R.T. 0.05 min
Lab File: VD061677.D
Acq: 9 Apr 2019 16:20

Tgt Ion: 65 Resp: 38818
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4

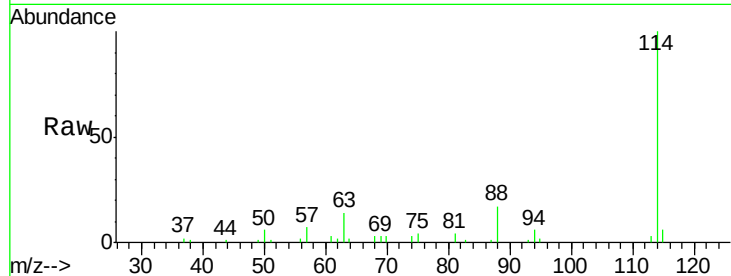




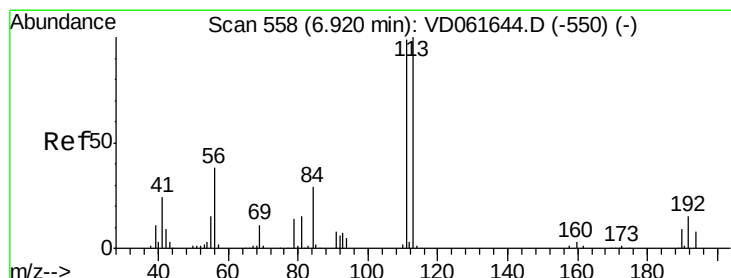
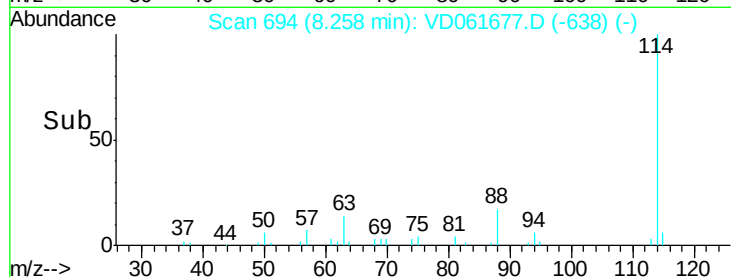
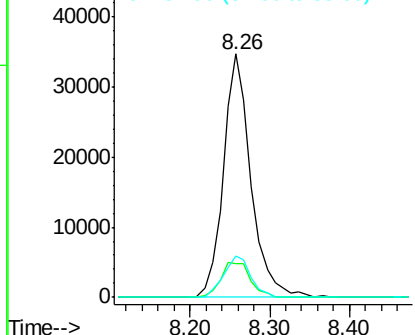
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.26 min Scan# 694
 Delta R.T. 0.05 min
 Lab File: VD061677.D
 Acq: 9 Apr 2019 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-COMP

Tot Ion:114 Resp: 83694
 Ion Ratio Lower Upper
 114 100
 63 13.9 0.0 31.2
 88 17.1 0.0 31.8

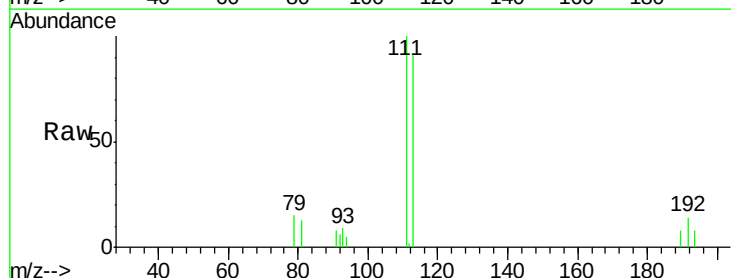


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

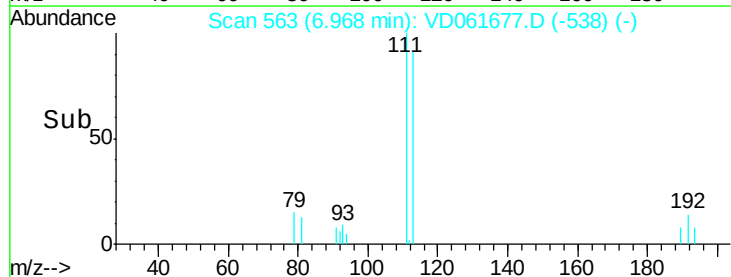
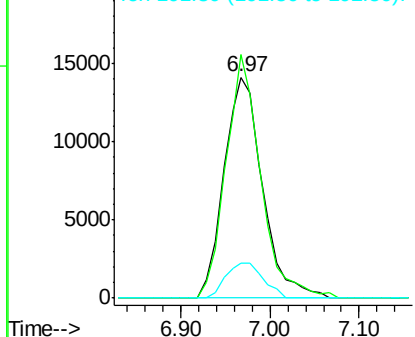


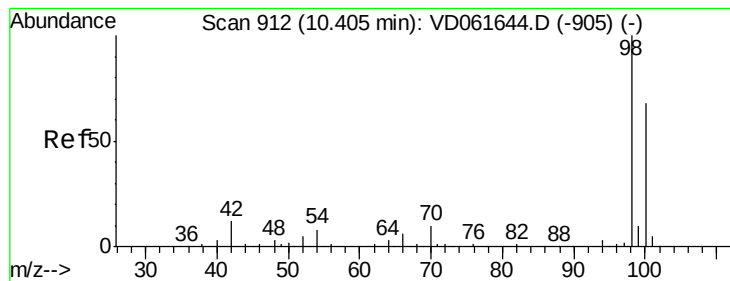
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.97 min Scan# 563
 Delta R.T. 0.05 min
 Lab File: VD061677.D
 Acq: 9 Apr 2019 16:20

Tgt Ion:113 Resp: 42529
 Ion Ratio Lower Upper
 113 100
 111 110.3 79.3 118.9
 192 15.6 12.3 18.5



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: 10.44 min Scan# 916

Delta R.T. 0.04 min

Lab File: VD061677.D

Acq: 9 Apr 2019 16:20

Instrument :

MSVOA_D

ClientSampleId :

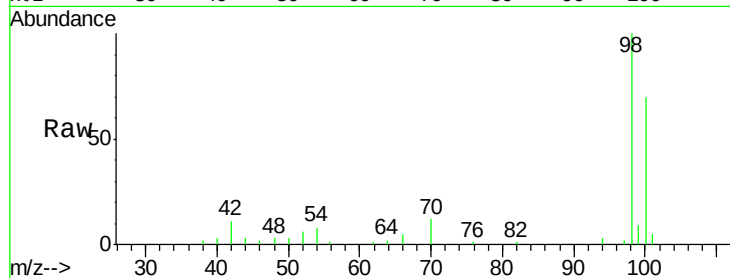
SB-03-COMP

Tot Ion: 98 Resp: 88204

Ion Ratio Lower Upper

98 100

100 69.9 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): VD061644.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD061644.D (-905) (-)

10.44

40000

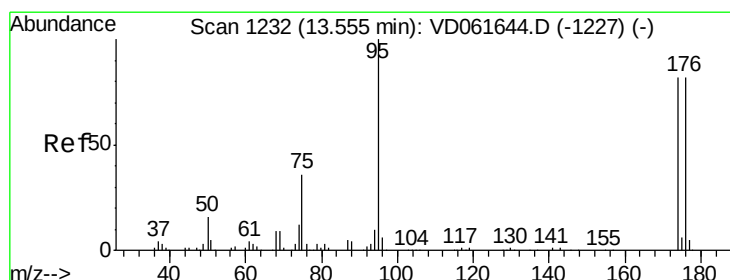
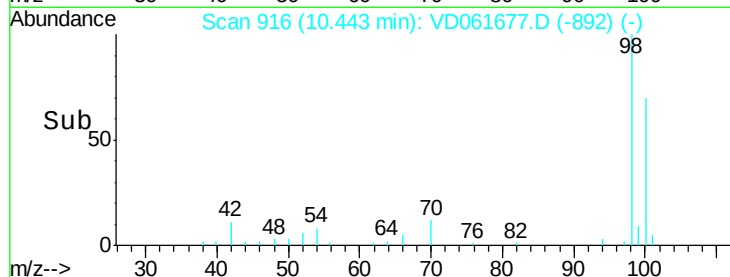
30000

20000

10000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061677.D

Acq: 9 Apr 2019 16:20

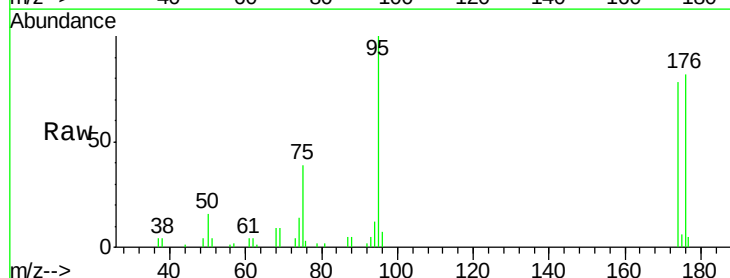
Tgt Ion: 95 Resp: 33679

Ion Ratio Lower Upper

95 100

174 78.5 0.0 164.6

176 82.4 0.0 165.0



Abundance Ion 95.00 (94.70 to 95.70): VD061644.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD061644.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD061644.D (-1227) (-)

13.57

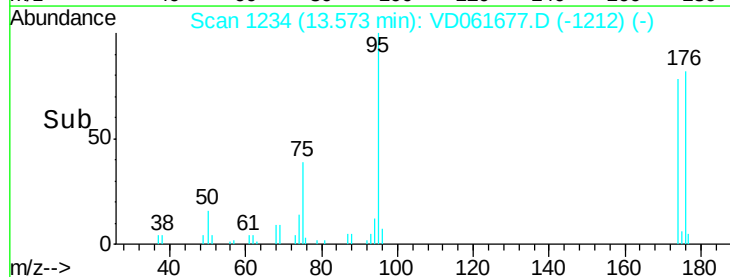
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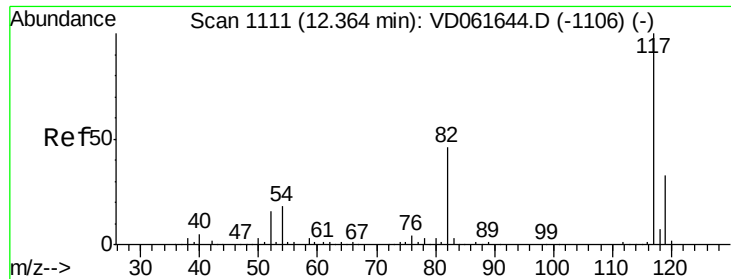
20000

10000

0

Time-->

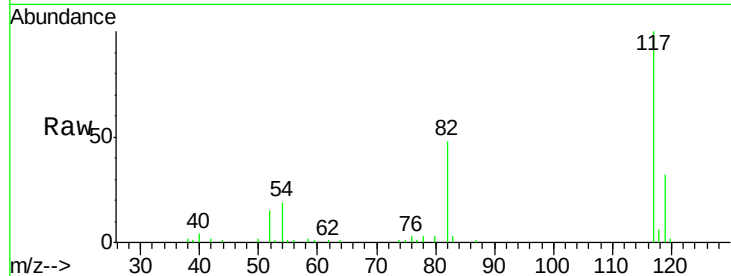




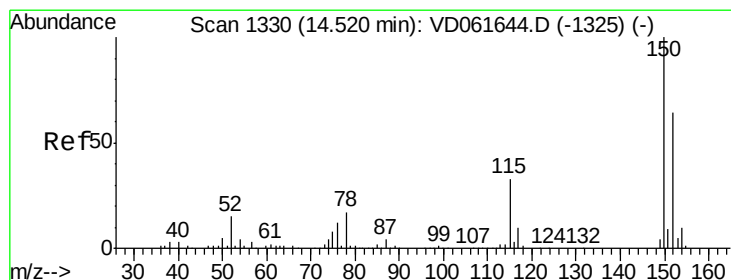
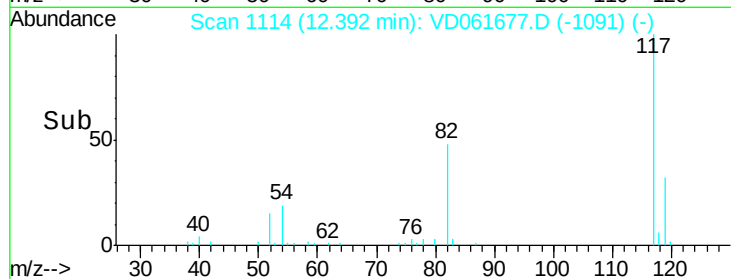
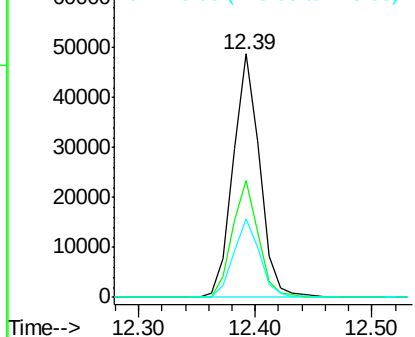
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.39 min Scan# 1114
 Delta R.T. 0.03 min
 Lab File: VD061677.D
 Acq: 9 Apr 2019 16:20

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-COMP

Tot Ion:117 Resp: 77098
 Ion Ratio Lower Upper
 117 100
 82 47.9 36.8 55.2
 119 32.4 26.1 39.1

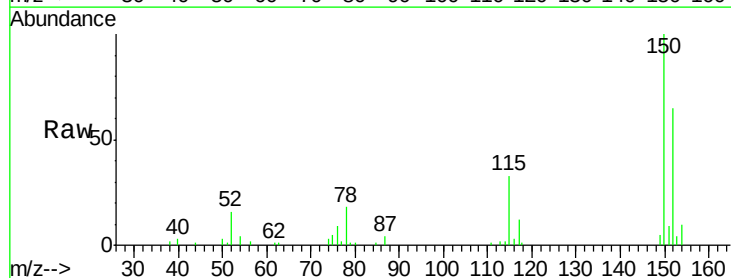


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD061677.D
 Acq: 9 Apr 2019 16:20

Tgt Ion:152 Resp: 28881
 Ion Ratio Lower Upper
 152 100
 115 51.6 26.4 79.2
 150 155.0 0.0 320.6



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

