

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061679.D
 Acq On : 9 Apr 2019 17:15
 Operator : VA/AP
 Sample : K2317-15RE
 Misc : 5.55g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

Quant Time: Apr 10 02:00:56 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	47172	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.26	114	90109	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	80754	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	35220	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	40140	112.26	ug/l	0.04
Spiked Amount	50.000		Recovery	=	224.52%	
35) Dibromofluoromethane	6.97	113	45792	73.36	ug/l	0.05
Spiked Amount	50.000		Recovery	=	146.72%	
50) Toluene-d8	10.44	98	89657	57.17	ug/l	0.03
Spiked Amount	50.000		Recovery	=	114.34%	
62) 4-Bromofluorobenzene	13.58	95	38440	78.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	157.84%	

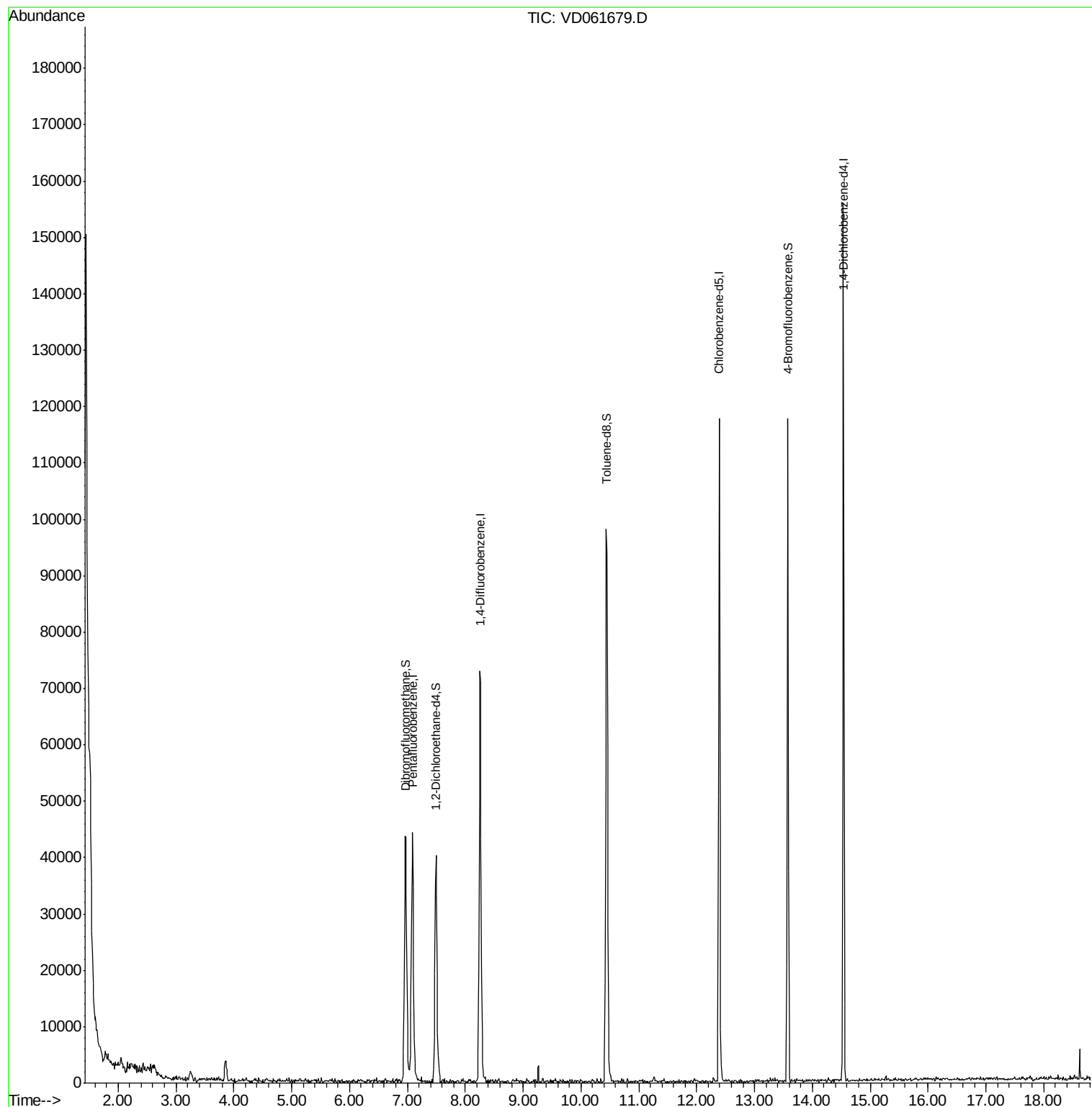
Target Compounds	Qvalue

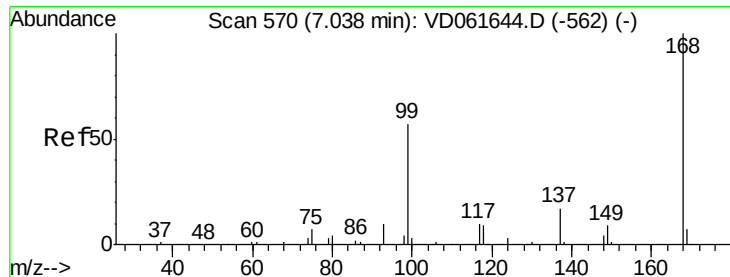
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040919\
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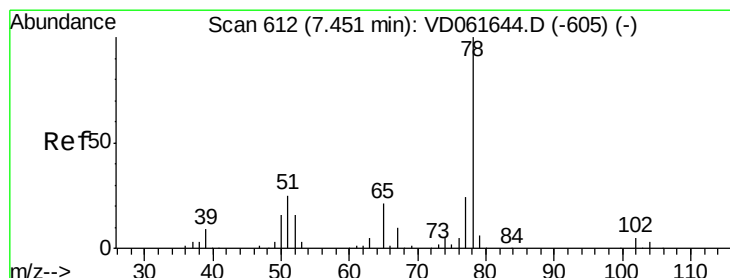
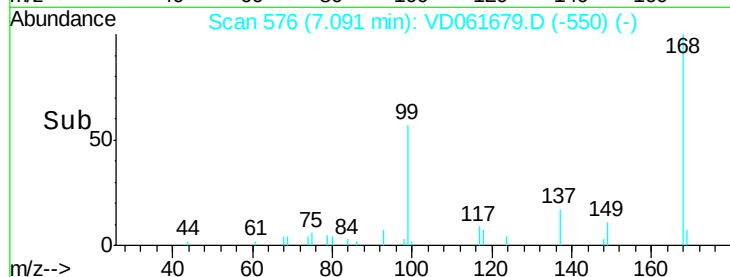
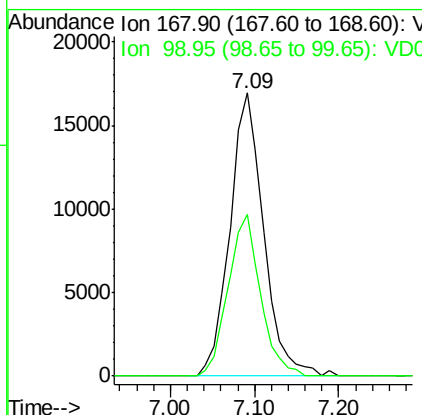
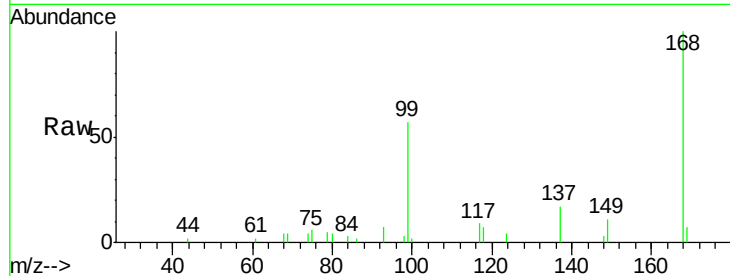




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.09 min Scan# 576
Delta R.T. 0.05 min
Lab File: VD061679.D
Acq: 9 Apr 2019 17:15

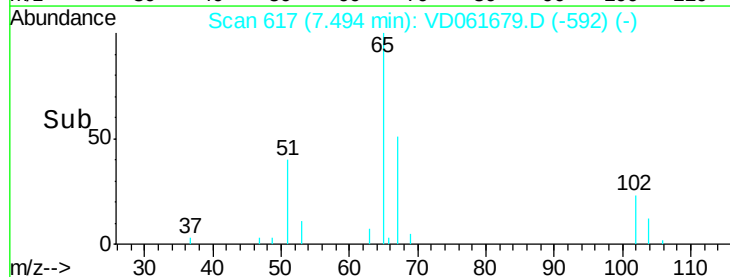
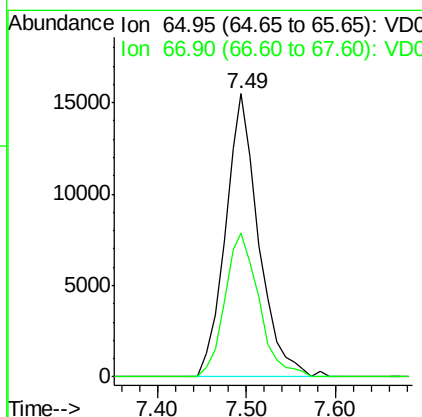
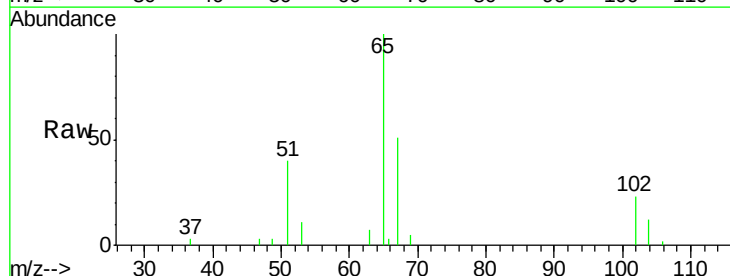
Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

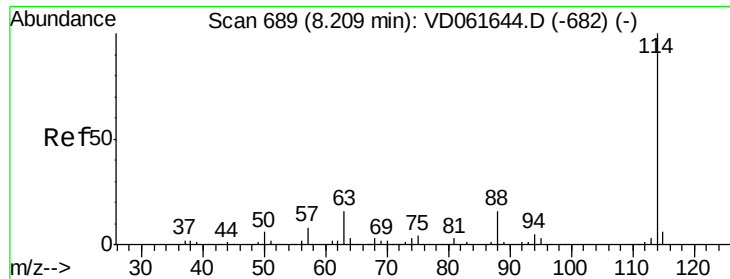
Tot Ion:168 Resp: 47172
Ion Ratio Lower Upper
168 100
99 57.1 46.8 70.2



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.49 min Scan# 617
Delta R.T. 0.04 min
Lab File: VD061679.D
Acq: 9 Apr 2019 17:15

Tgt Ion: 65 Resp: 40140
Ion Ratio Lower Upper
65 100
67 51.0 0.0 99.4

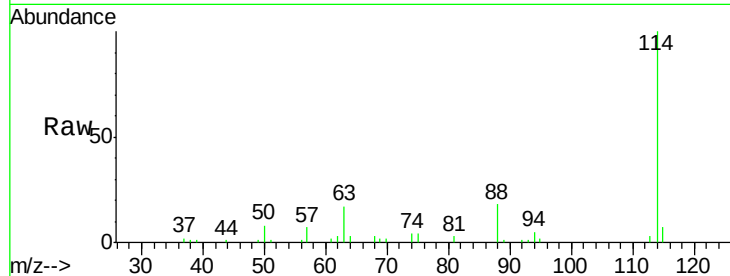




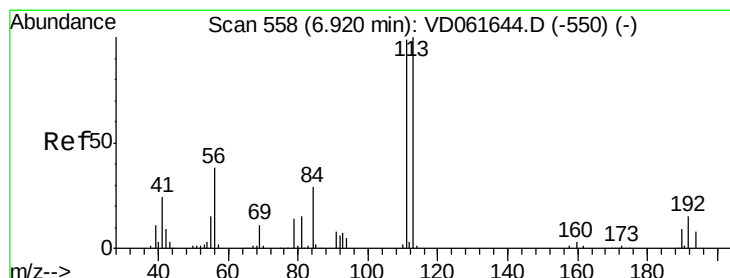
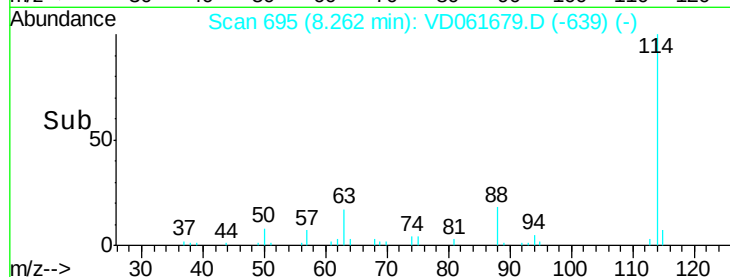
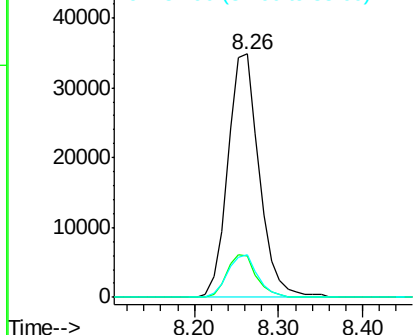
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.26 min Scan# 695
 Delta R.T. 0.05 min
 Lab File: VD061679.D
 Acq: 9 Apr 2019 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-2RE

Tot Ion:114 Resp: 90109
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.2
 88 17.7 0.0 31.8

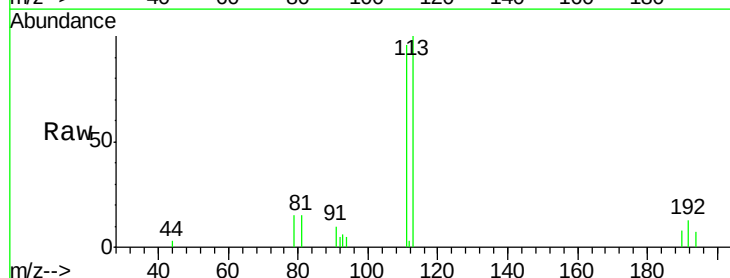


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

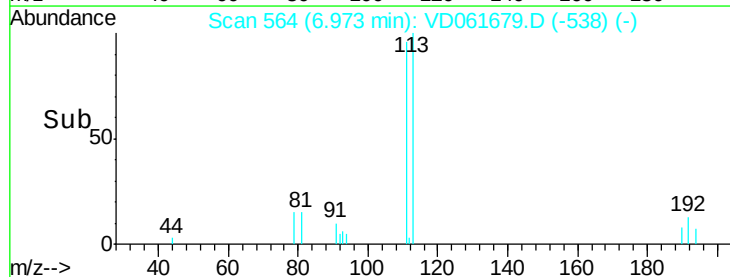
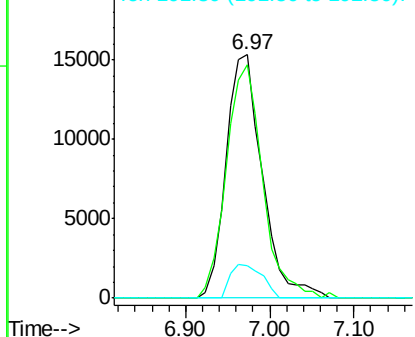


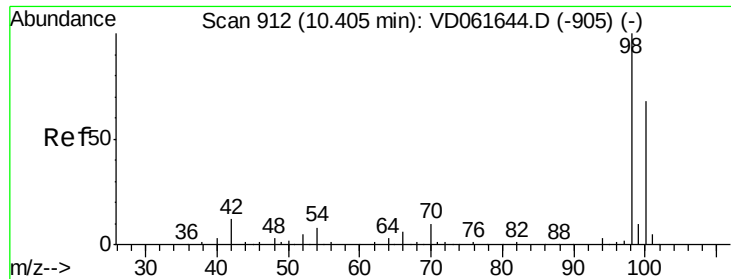
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.97 min Scan# 564
 Delta R.T. 0.05 min
 Lab File: VD061679.D
 Acq: 9 Apr 2019 17:15

Tgt Ion:113 Resp: 45792
 Ion Ratio Lower Upper
 113 100
 111 95.7 79.3 118.9
 192 13.5 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. 0.03 min

Lab File: VD061679.D

Acq: 9 Apr 2019 17:15

Instrument :

MSVOA_D

ClientSampleId :

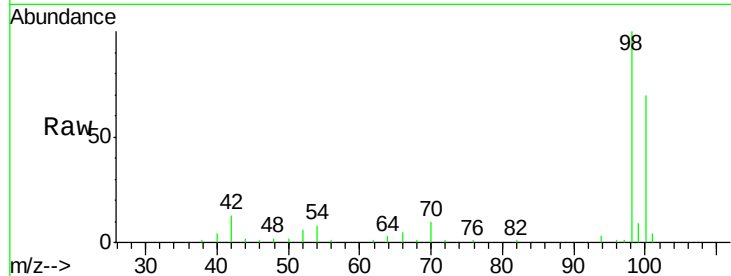
COMP-2RE

Tot Ion: 98 Resp: 89657

Ion Ratio Lower Upper

98 100

100 69.5 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

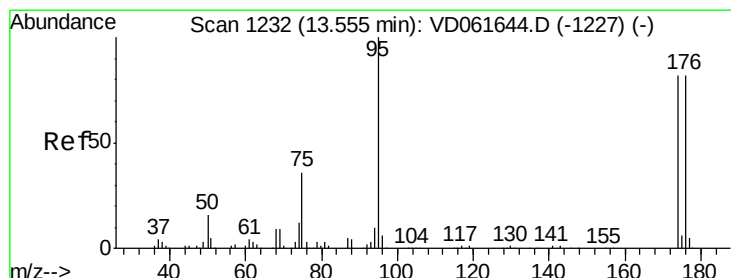
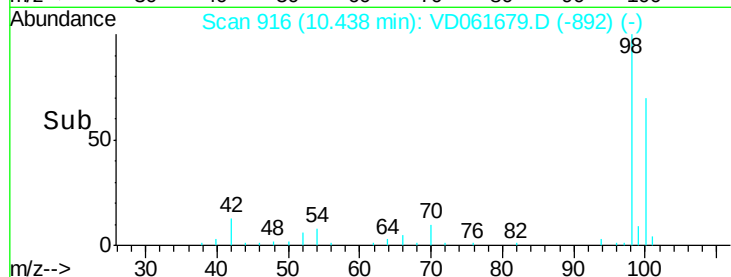
20000

10000

0

Time-->

10.40 10.50



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.02 min

Lab File: VD061679.D

Acq: 9 Apr 2019 17:15

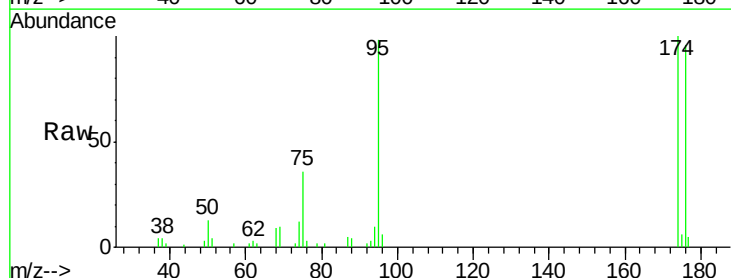
Tgt Ion: 95 Resp: 38440

Ion Ratio Lower Upper

95 100

174 102.1 0.0 164.6

176 97.7 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) (-)

30000

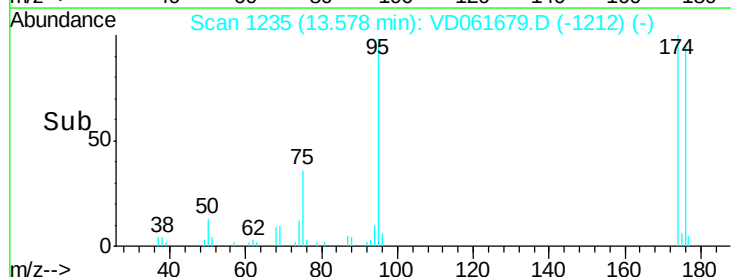
20000

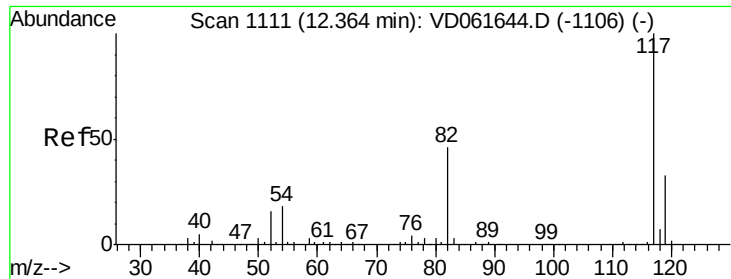
10000

0

Time-->

13.50 13.55 13.60

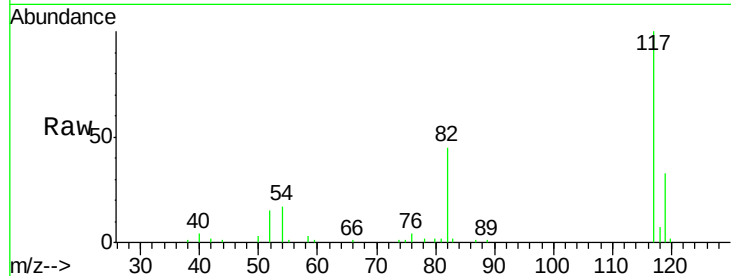




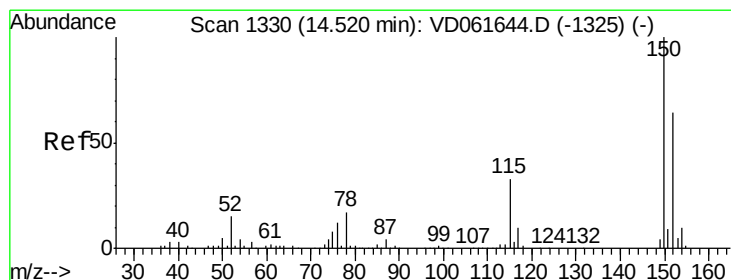
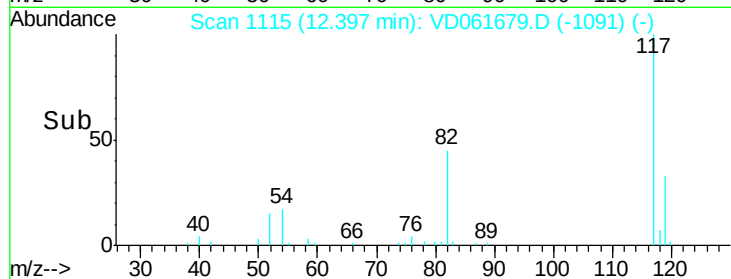
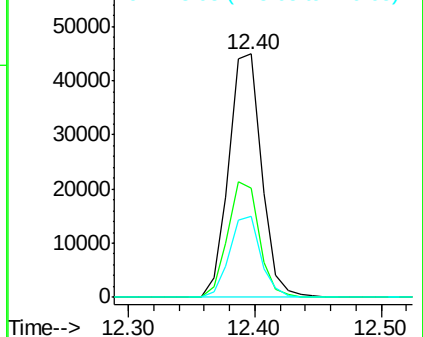
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.03 min
Lab File: VD061679.D
Acq: 9 Apr 2019 17:15

Instrument :
MSVOA_D
ClientSampleId :
COMP-2RE

Tot Ion:117 Resp: 80754
Ion Ratio Lower Upper
117 100
82 45.0 36.8 55.2
119 33.3 26.1 39.1

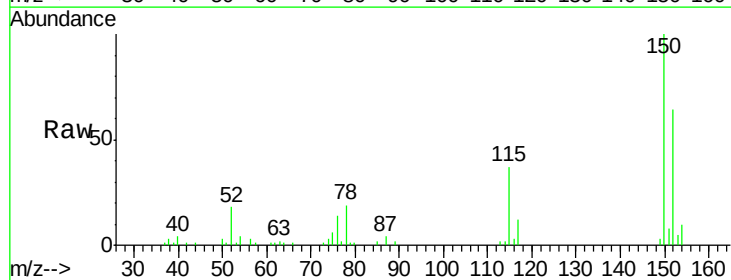


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VD061679.D
Acq: 9 Apr 2019 17:15

Tgt Ion:152 Resp: 35220
Ion Ratio Lower Upper
152 100
115 58.1 26.4 79.2
150 156.9 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

