

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110918\
 Data File : VN052240.D
 Acq On : 9 Nov 2018 21:09
 Operator : MD\SY
 Sample : J5884-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Quant Time: Nov 12 09:23:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	337716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	558787	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	459735	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	162315	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	215317	46.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.24%	
35) Dibromofluoromethane	7.59	113	173619	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
50) Toluene-d8	10.09	98	680307	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	198428	43.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.64%	

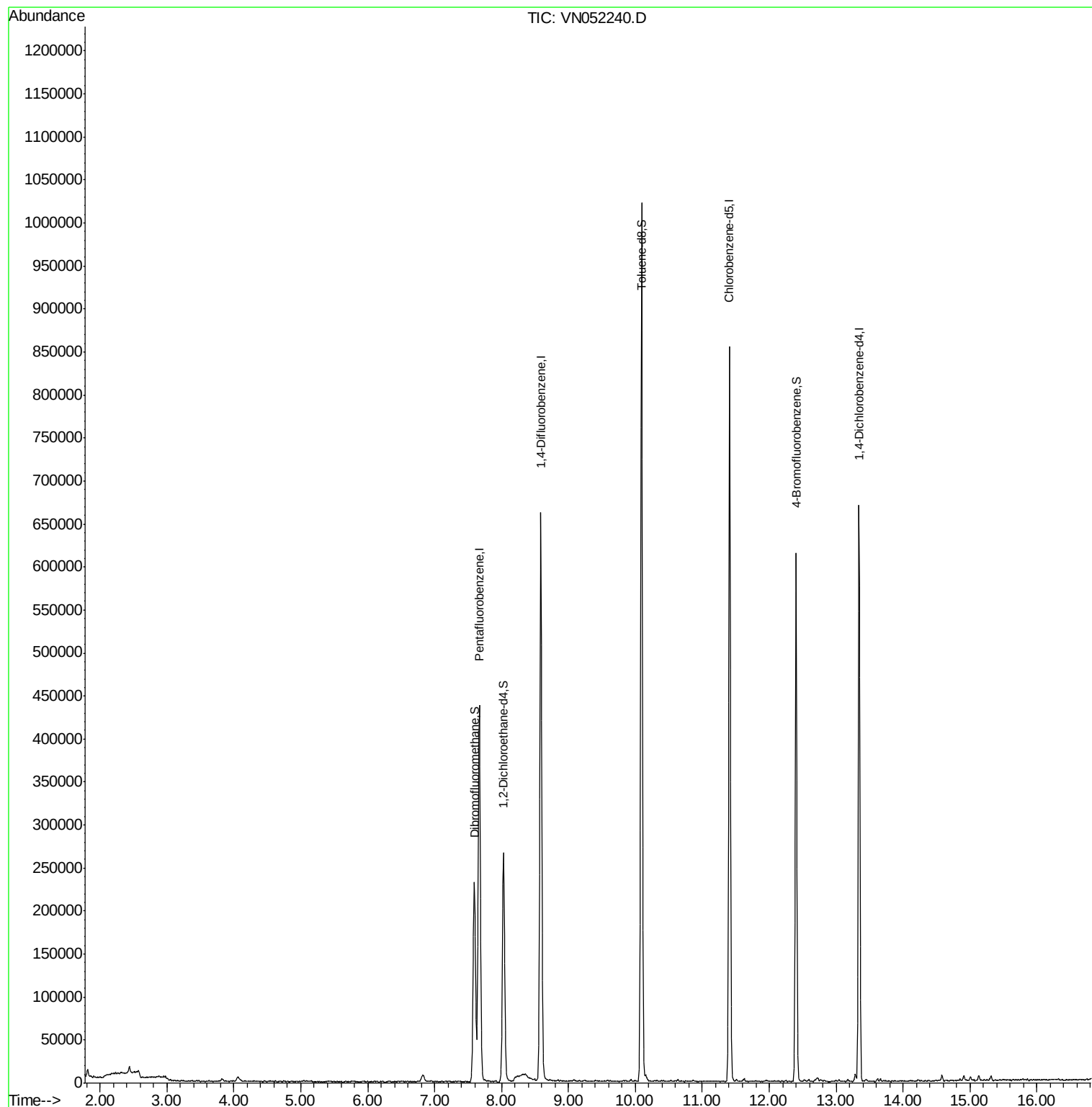
Target Compounds	Qvalue

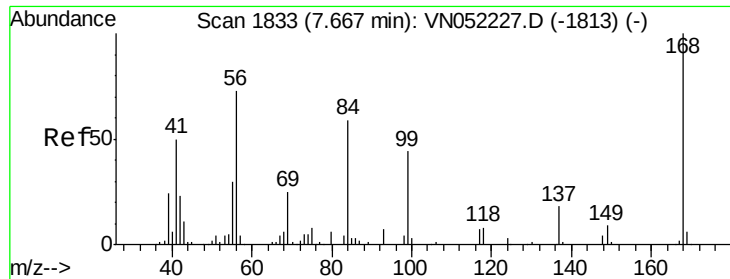
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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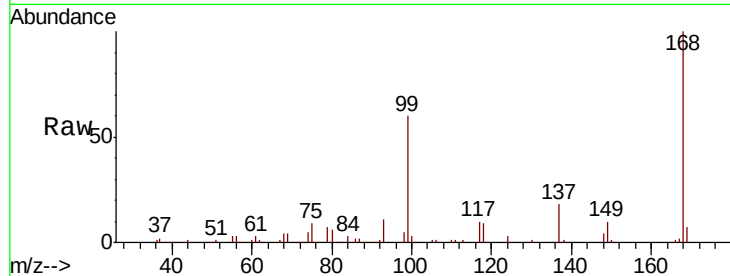




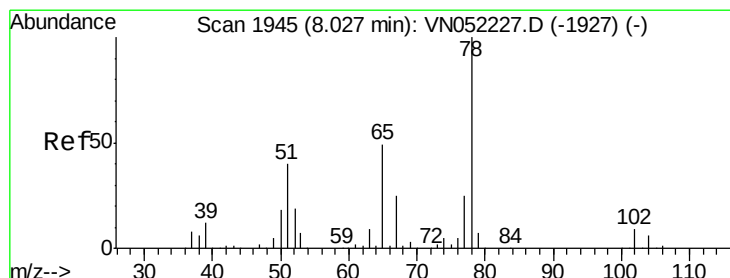
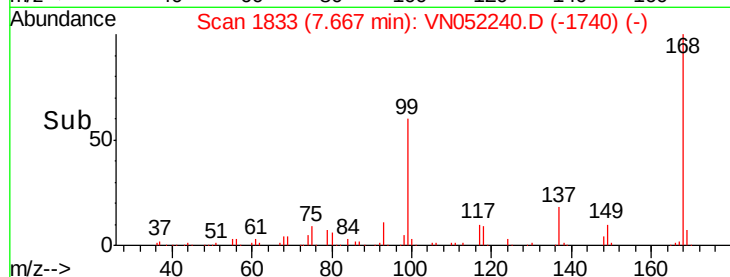
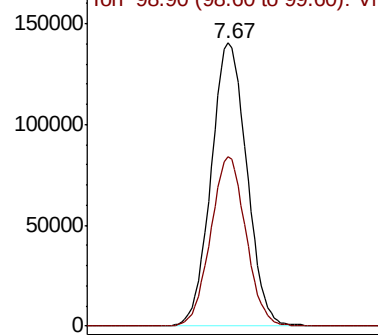
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.67 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VN052240.D
Acq: 9 Nov 2018 21:09

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Tot Ion:168 Resp: 337716
Ion Ratio Lower Upper
168 100
99 59.7 44.7 67.1

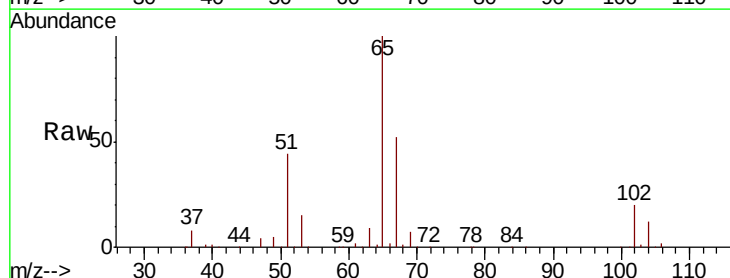


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VN

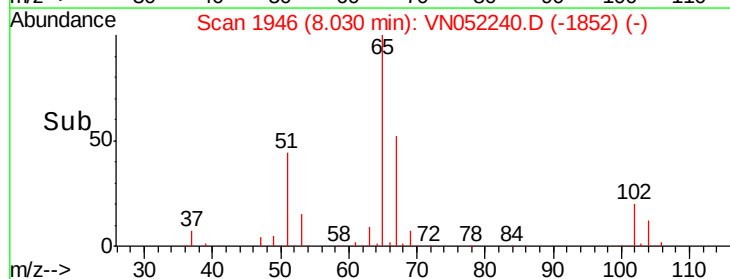
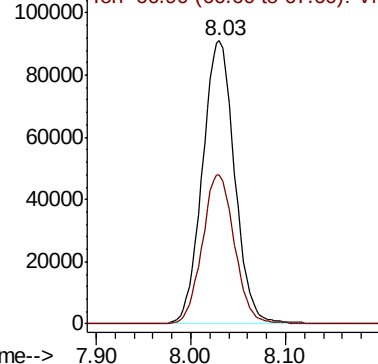


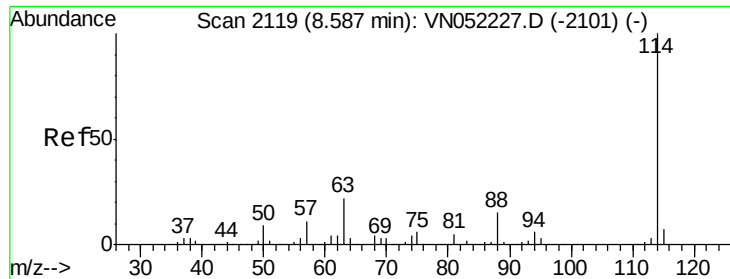
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN052240.D
Acq: 9 Nov 2018 21:09

Tgt Ion: 65 Resp: 215317
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VN
Ion 66.90 (66.60 to 67.60): VN

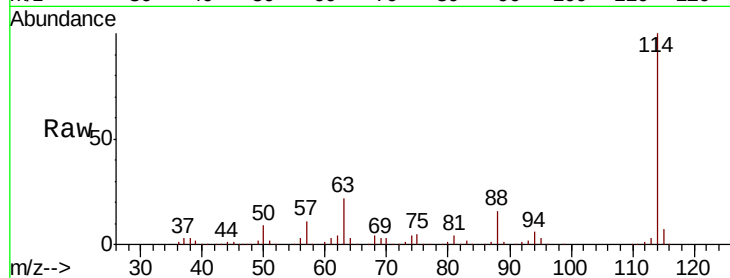




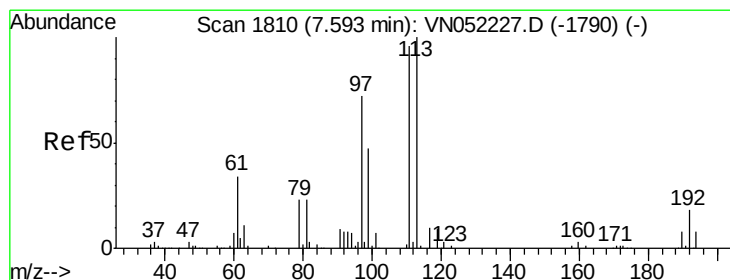
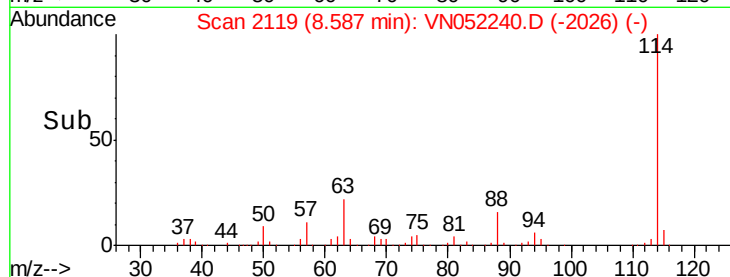
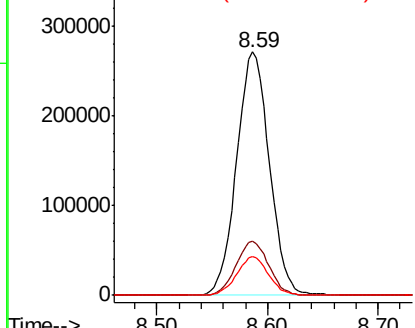
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052240.D
 Acq: 9 Nov 2018 21:09

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-7

Tot Ion:114 Resp: 558787
 Ion Ratio Lower Upper
 114 100
 63 22.2 0.0 43.4
 88 16.0 0.0 30.2

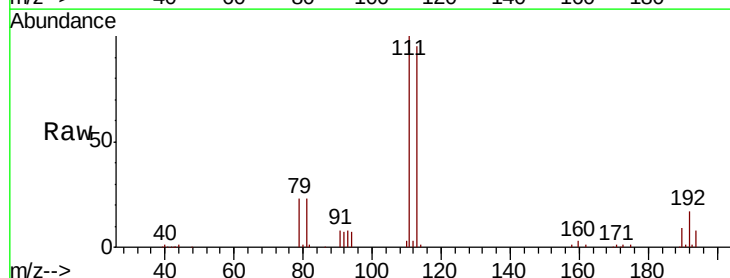


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

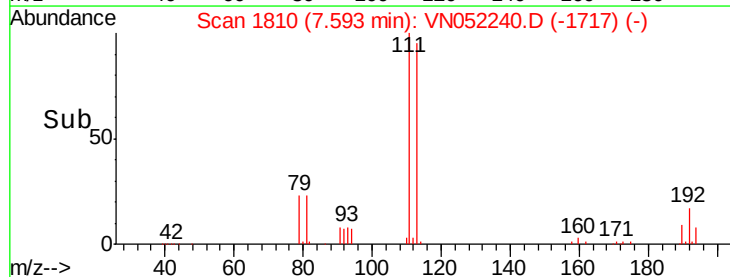
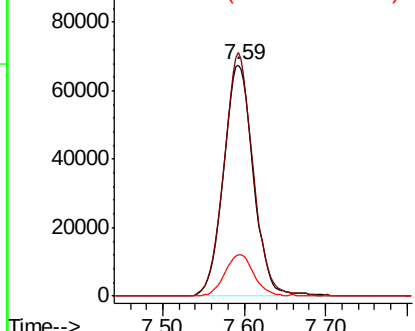


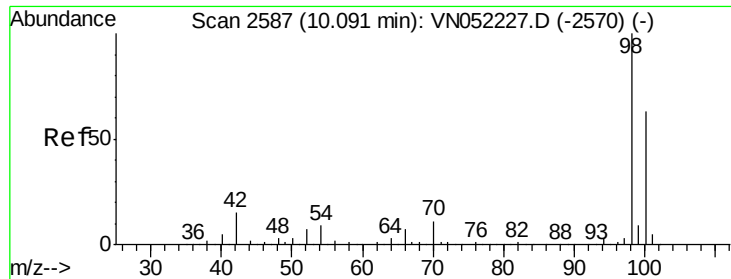
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052240.D
 Acq: 9 Nov 2018 21:09

Tgt Ion:113 Resp: 173619
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.2 120.4
 192 17.6 14.1 21.1



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052240.D

Acq: 9 Nov 2018 21:09

Instrument :

MSVOA_N

ClientSampleId :

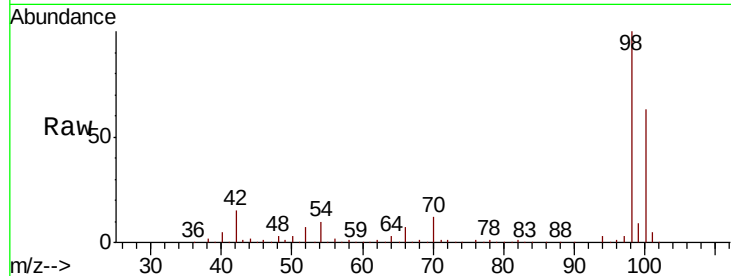
TP-7

Tot Ion: 98 Resp: 680307

Ion Ratio Lower Upper

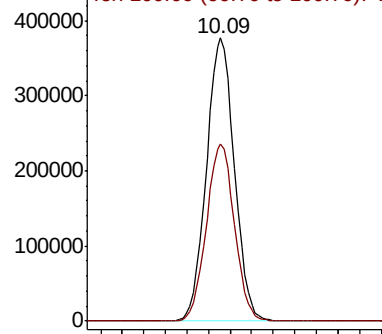
98 100

100 62.9 50.2 75.2

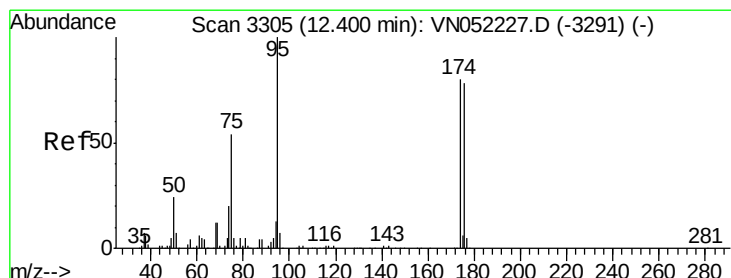
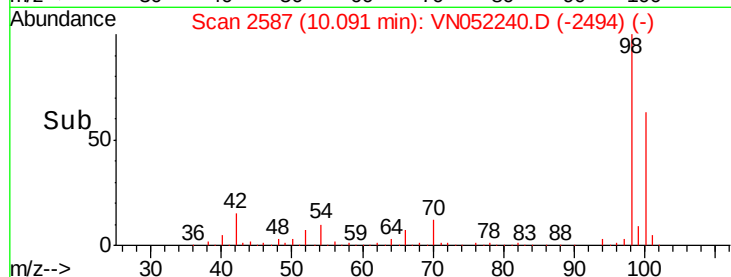


Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN052240.D

Acq: 9 Nov 2018 21:09

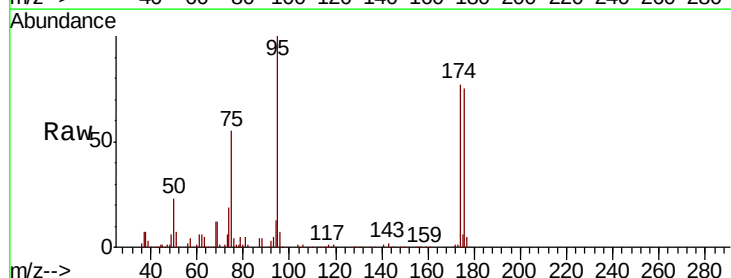
Tgt Ion: 95 Resp: 198428

Ion Ratio Lower Upper

95 100

174 77.7 0.0 159.4

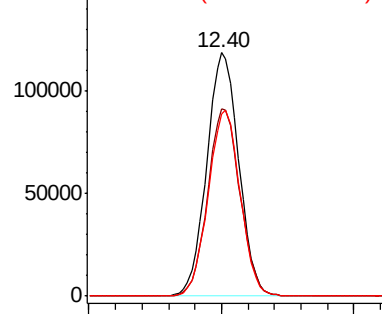
176 76.1 0.0 157.8



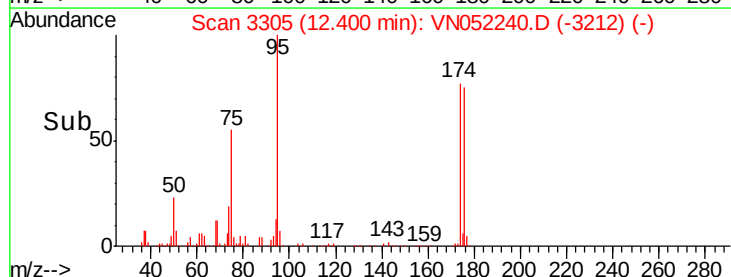
Abundance Ion 94.90 (94.60 to 95.60): VN0

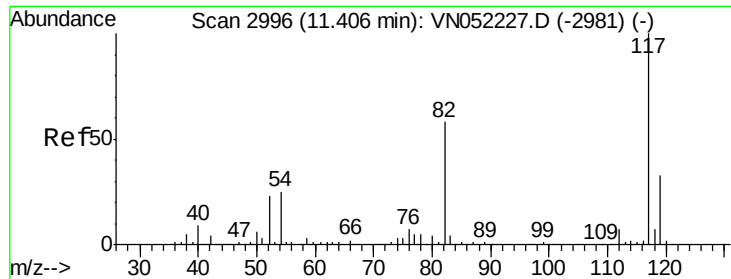
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->

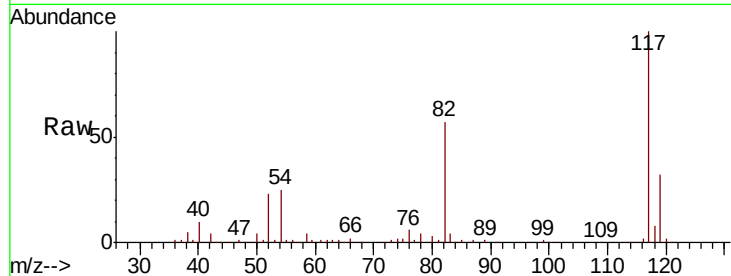




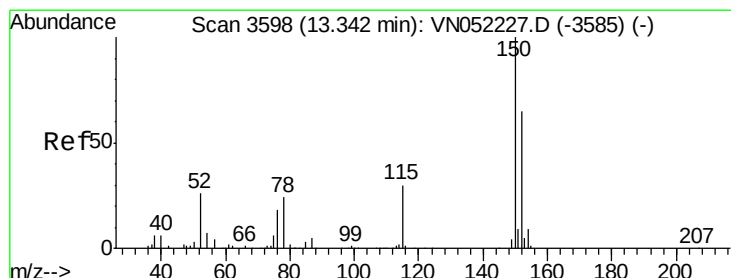
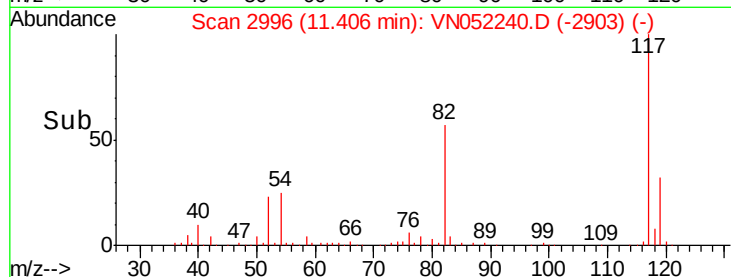
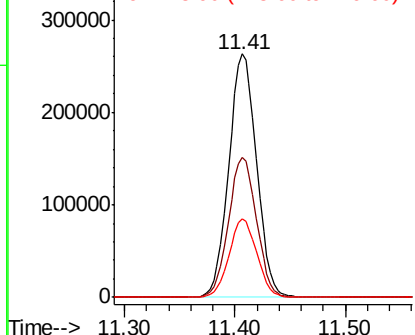
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052240.D
Acq: 9 Nov 2018 21:09

Instrument :
MSVOA_N
ClientSampleId :
TP-7

Tot Ion:117 Resp: 459735
Ion Ratio Lower Upper
117 100
82 57.5 46.2 69.2
119 32.2 26.2 39.4

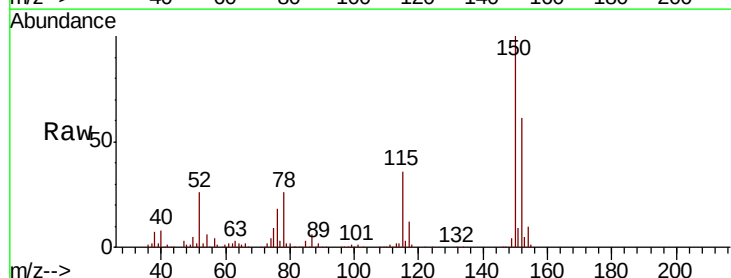


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN052240.D
Acq: 9 Nov 2018 21:09

Tgt Ion:152 Resp: 162315
Ion Ratio Lower Upper
152 100
115 59.1 29.8 89.5
150 160.8 0.0 350.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

