

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN122018\
 Data File : VN053044.D
 Acq On : 20 Dec 2018 9:41
 Operator : MD\SY
 Sample : VN1220WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBL01

Quant Time: Dec 21 00:28:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1345980	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2053675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1841250	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	738117	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	647344	47.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.78%	
35) Dibromofluoromethane	7.59	113	555191	59.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.36%	
50) Toluene-d8	10.09	98	2501119	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
62) 4-Bromofluorobenzene	12.40	95	837119	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

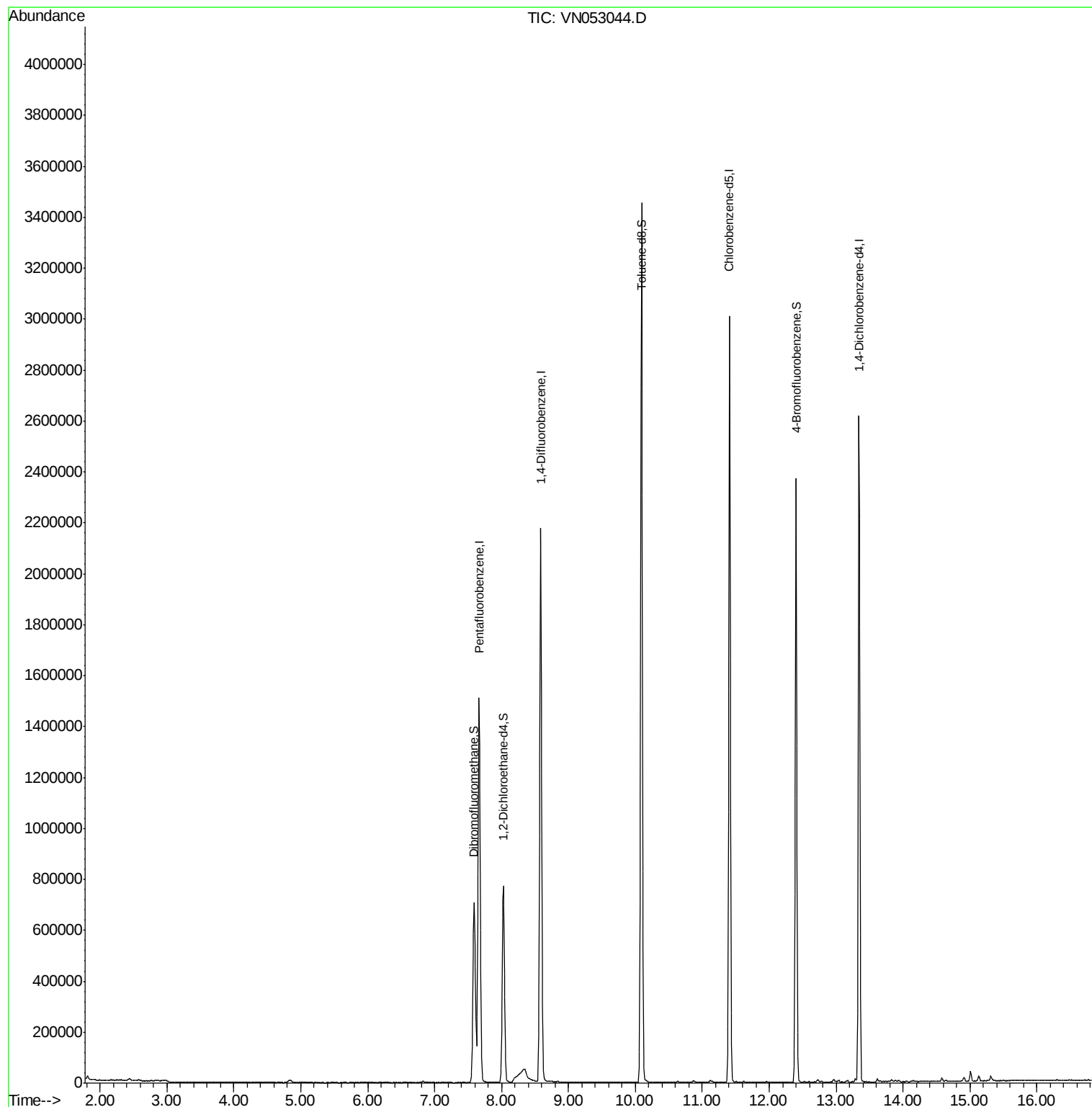
Target Compounds	Qvalue

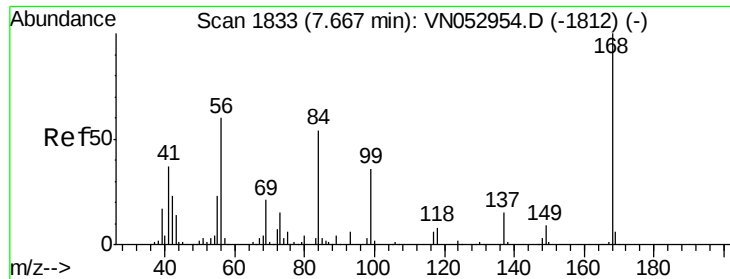
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053044.D

Acq: 20 Dec 2018 9:41

Instrument :

MSVOA_N

ClientSampleId :

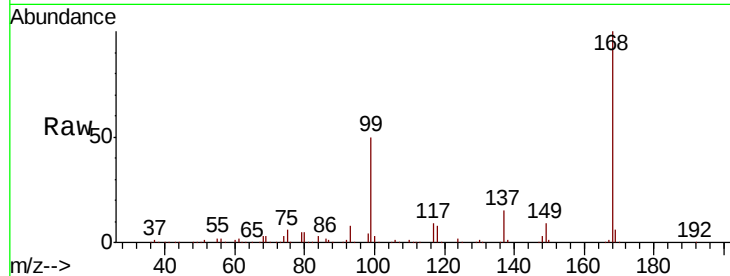
VN1220WBL01

Tot Ion:168 Resp: 1345980

Ion Ratio Lower Upper

168 100

99 50.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052954.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052954.D (-1812) (-)

7.66

600000

500000

400000

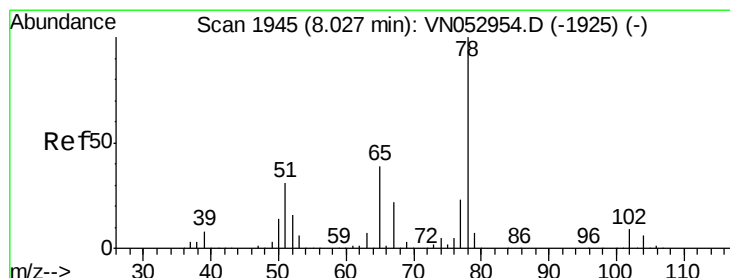
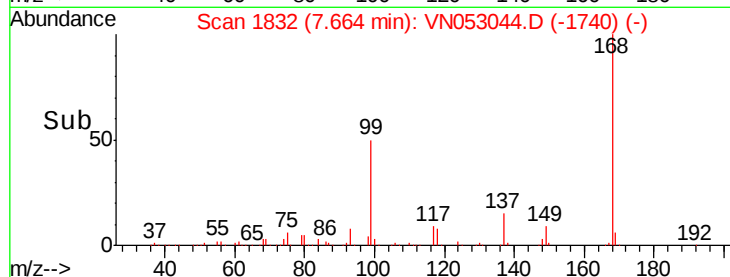
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053044.D

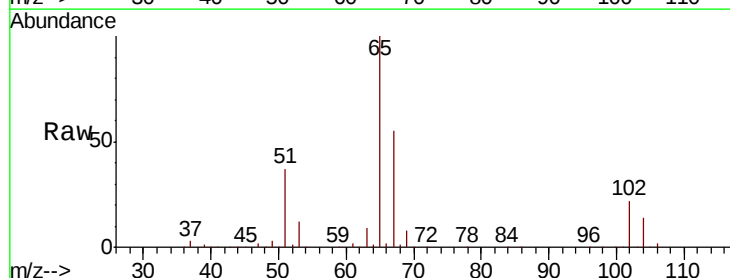
Acq: 20 Dec 2018 9:41

Tgt Ion: 65 Resp: 647344

Ion Ratio Lower Upper

65 100

67 54.7 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052954.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN052954.D (-1925) (-)

8.03

300000

250000

200000

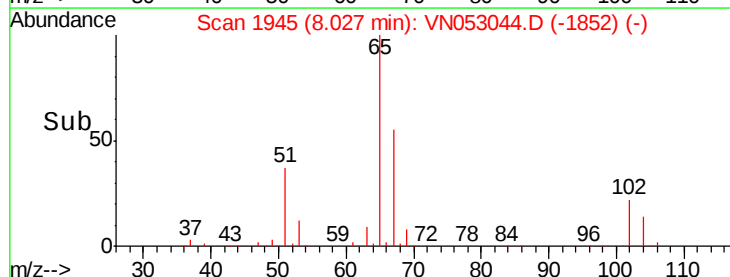
150000

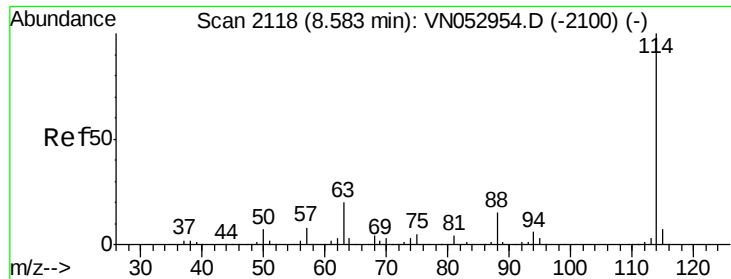
100000

50000

0

Time-->



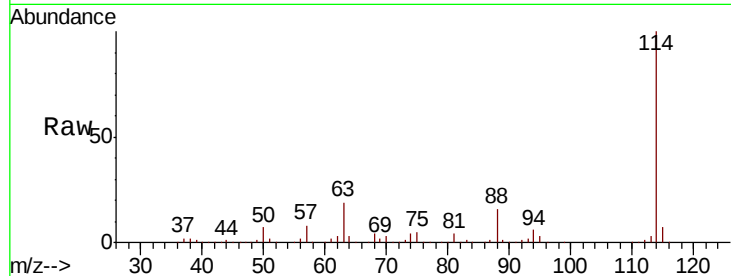


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN053044.D
 Acq: 20 Dec 2018 9:41

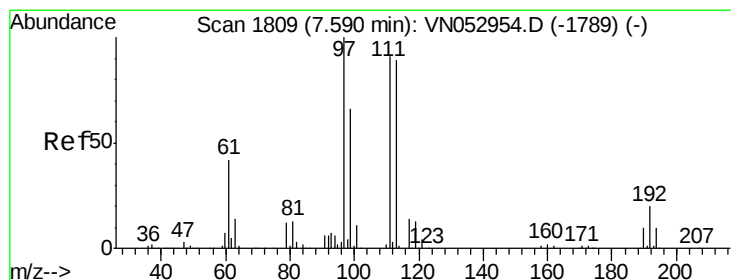
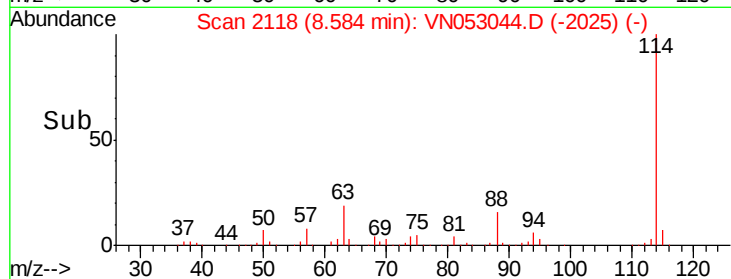
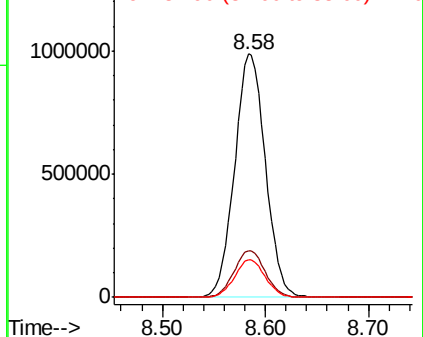
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBL01

Tot Ion:114 Resp: 2053675

Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.8
88	15.6	0.0	31.0



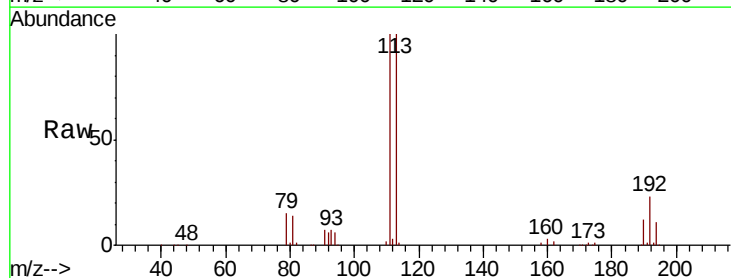
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



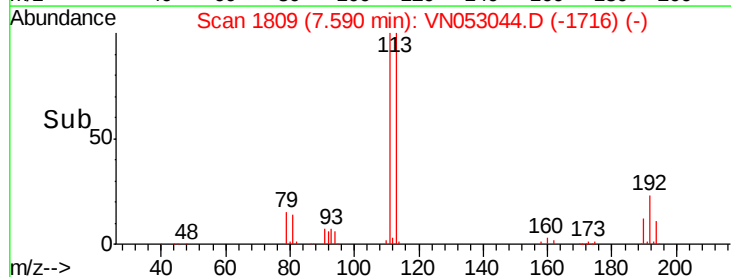
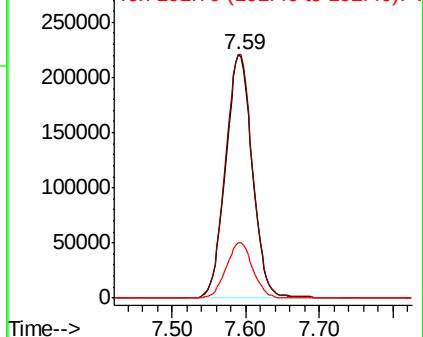
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053044.D
 Acq: 20 Dec 2018 9:41

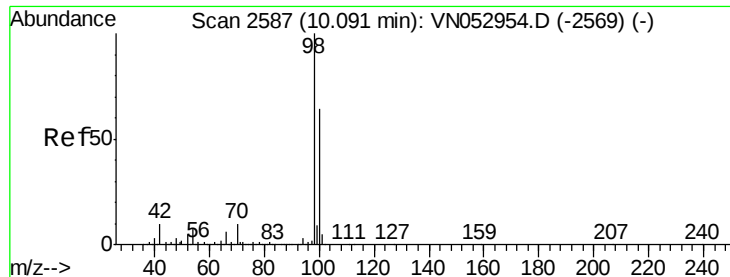
Tgt Ion:113 Resp: 555191

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	22.7	17.5	26.3



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# 2586

Delta R.T. -0.00 min

Lab File: VN053044.D

Acq: 20 Dec 2018 9:41

Instrument :

MSVOA_N

ClientSampleId :

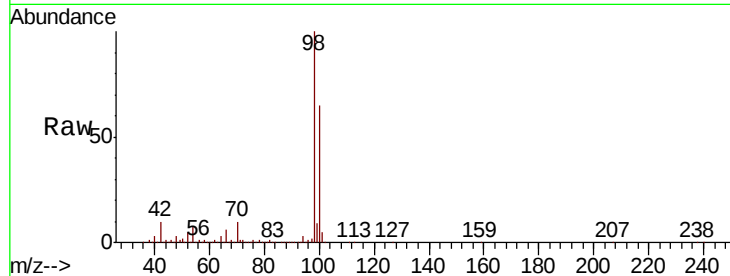
VN1220WBL01

Tot Ion: 98 Resp: 2501119

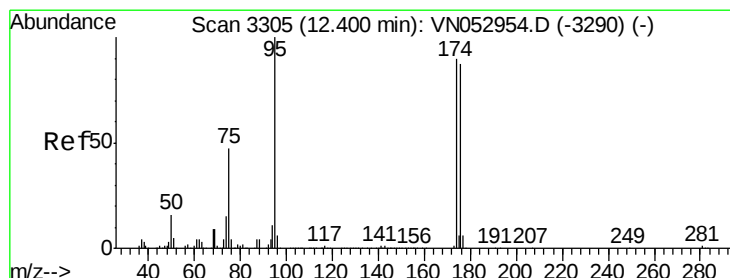
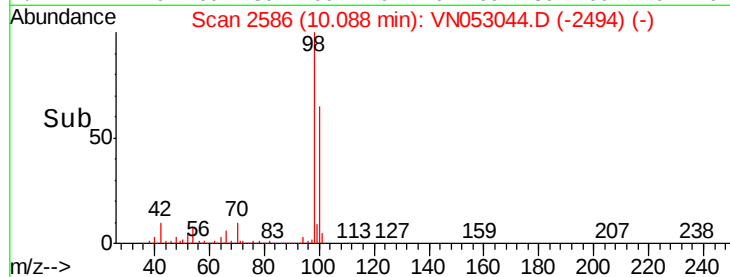
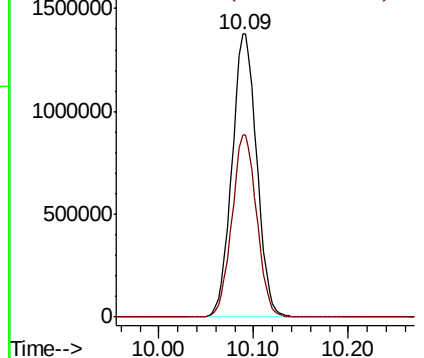
Ion Ratio Lower Upper

98 100

100 64.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VN052954.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053044.D

Acq: 20 Dec 2018 9:41

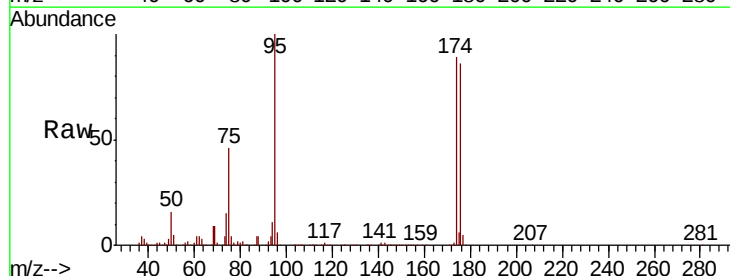
Tgt Ion: 95 Resp: 837119

Ion Ratio Lower Upper

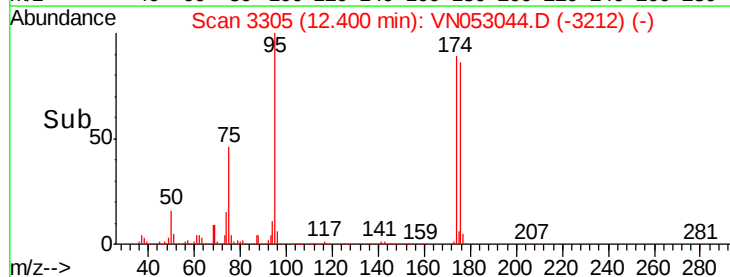
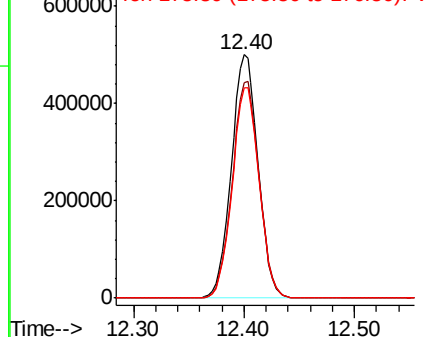
95 100

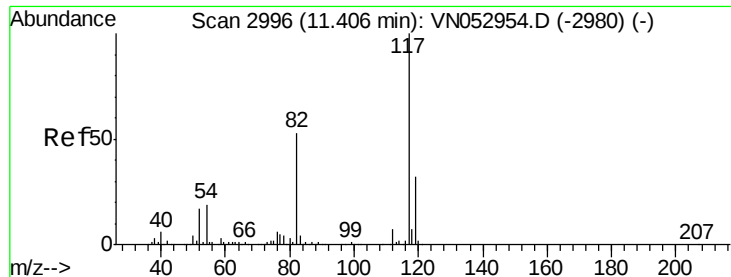
174 89.6 0.0 178.8

176 87.0 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VN052954.D (-3290) (-)

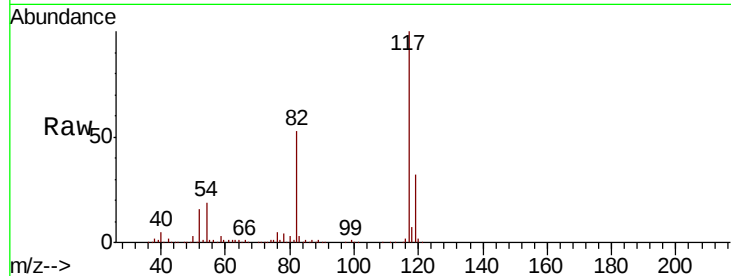




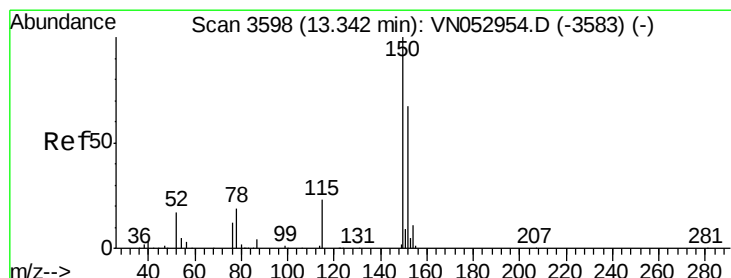
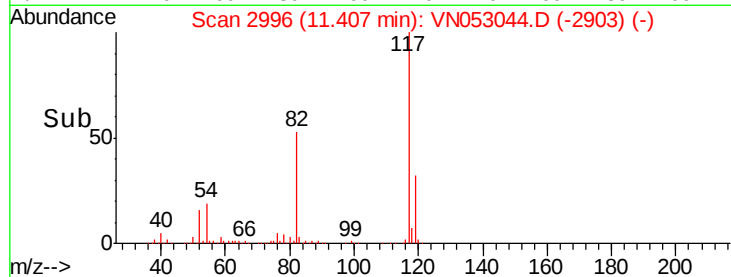
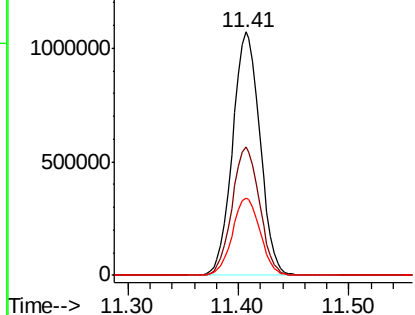
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053044.D
Acq: 20 Dec 2018 9:41

Instrument :
MSVOA_N
ClientSampled :
VN1220WBL01

Tot Ion:117 Resp: 1841250
Ion Ratio Lower Upper
117 100
82 52.9 42.8 64.2
119 32.0 25.5 38.3

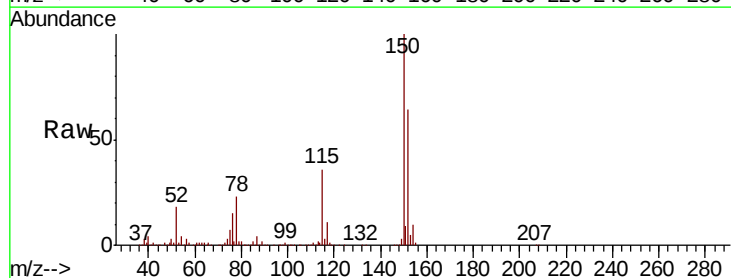


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053044.D
Acq: 20 Dec 2018 9:41

Tgt Ion:152 Resp: 738117
Ion Ratio Lower Upper
152 100
115 56.3 28.3 85.0
150 157.7 0.0 347.8



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

