

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022819\
 Data File : VN053994.D
 Acq On : 28 Feb 2019 10:15
 Operator : JC/SP
 Sample : VN0228WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0228WBL01

Quant Time: Mar 01 04:14:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	583936	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1052922	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1009299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	360157	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386464	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
35) Dibromofluoromethane	7.59	113	355435	52.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.40%	
50) Toluene-d8	10.09	98	1322243	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
62) 4-Bromofluorobenzene	12.40	95	424004	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

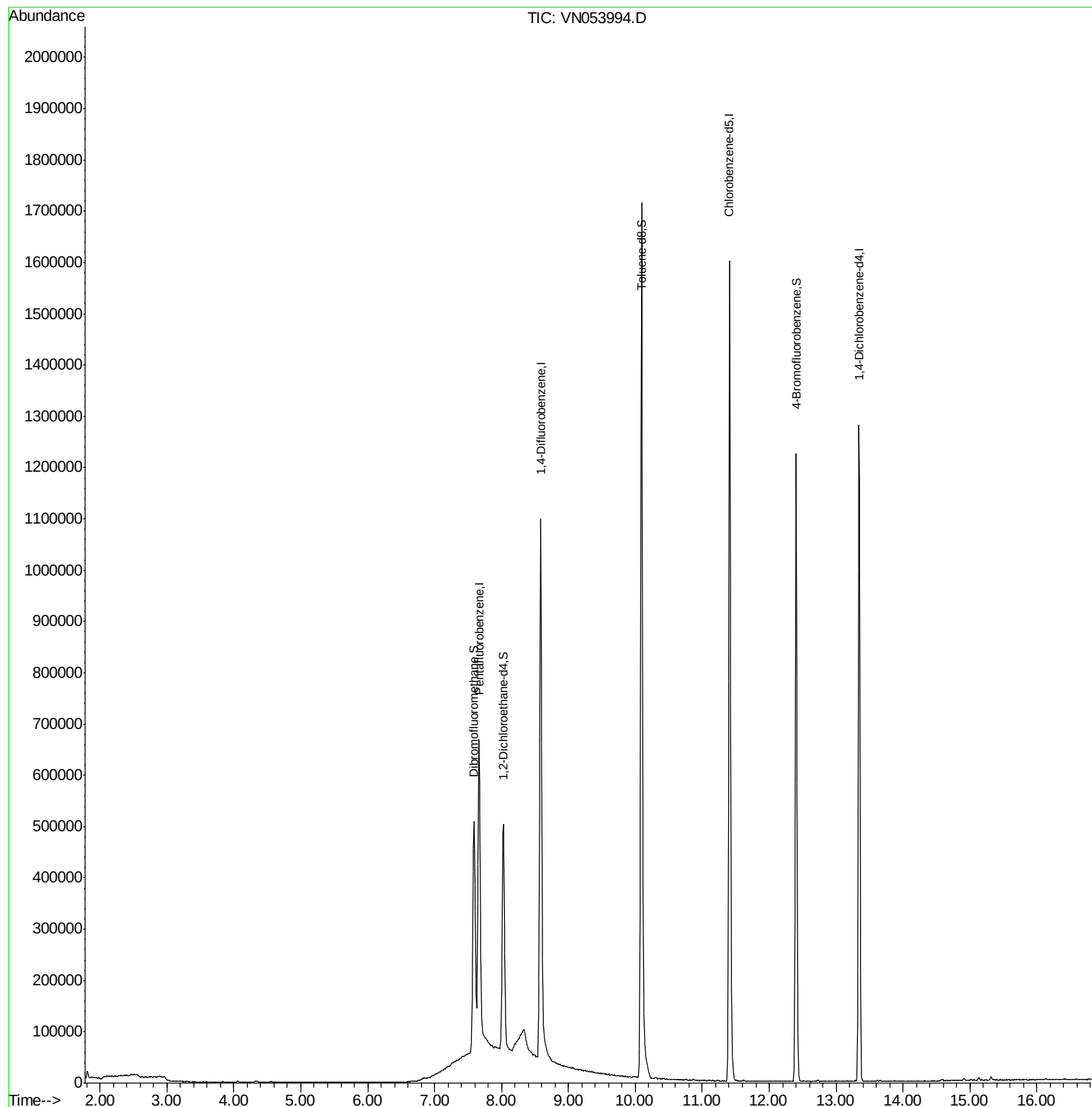
Target Compounds	Qvalue

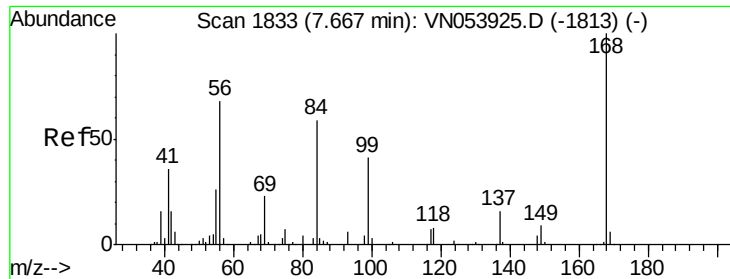
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022819\
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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053994.D

Acq: 28 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

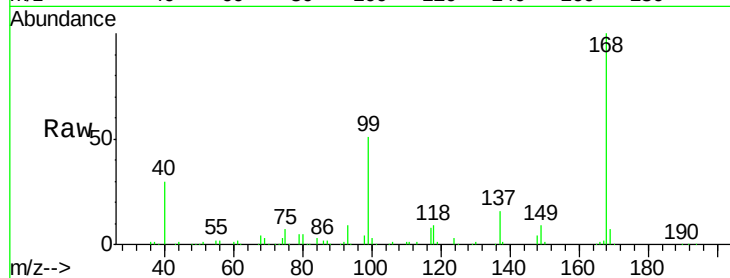
VN0228WBL01

Tot Ion:168 Resp: 583936

Ion Ratio Lower Upper

168 100

99 51.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

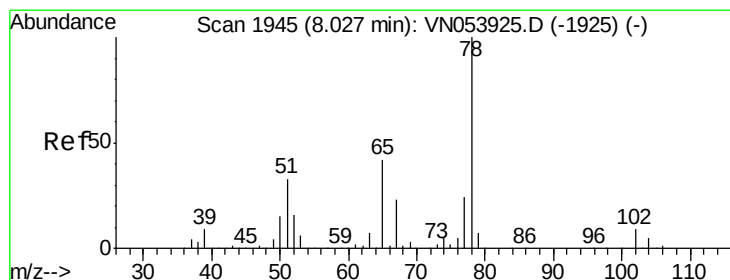
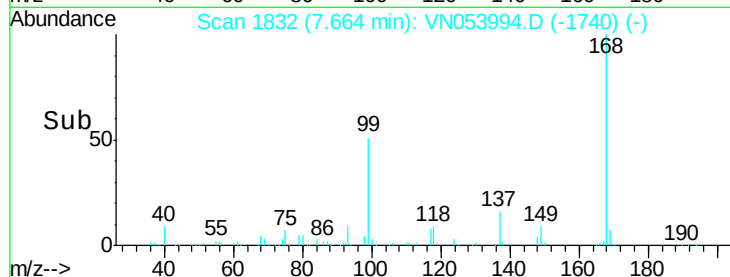
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 56.459 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053994.D

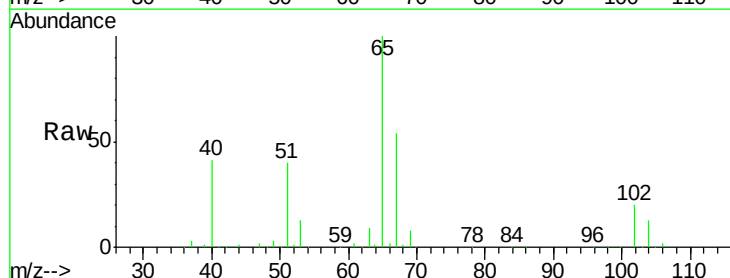
Acq: 28 Feb 2019 10:15

Tgt Ion: 65 Resp: 386464

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

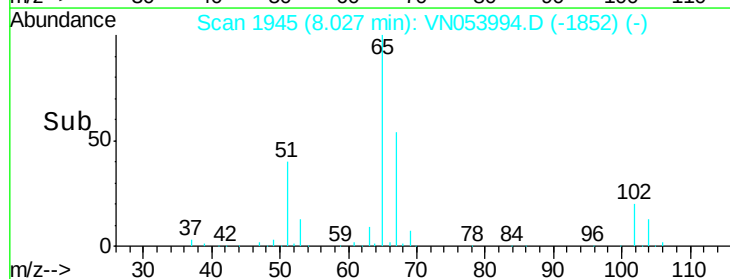
150000

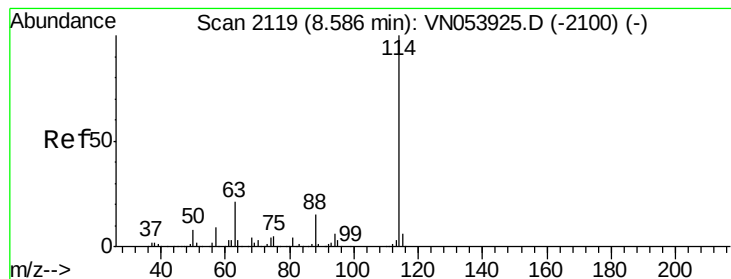
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053994.D

Acq: 28 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampleId :

VN0228WBL01

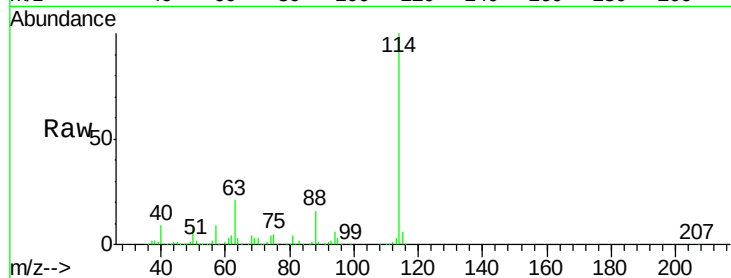
Tot Ion:114 Resp: 1052922

Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.4

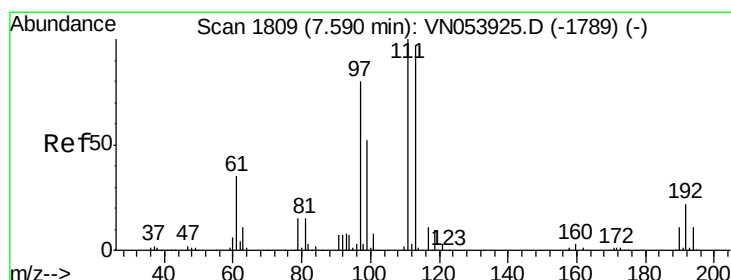
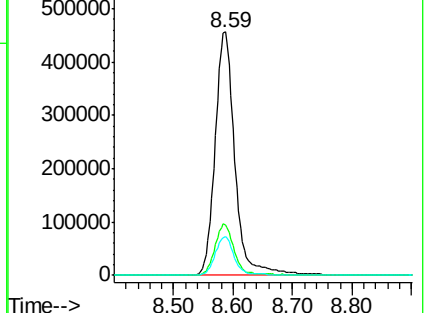
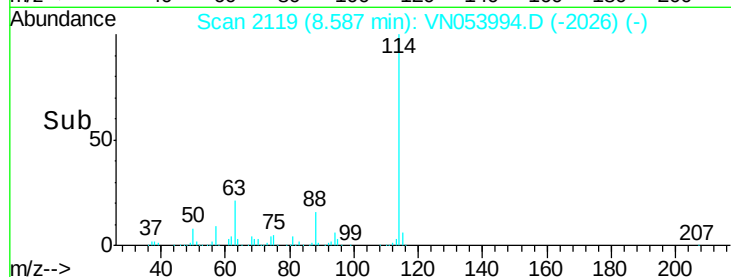
88 15.8 0.0 30.4



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: 52.202 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053994.D

Acq: 28 Feb 2019 10:15

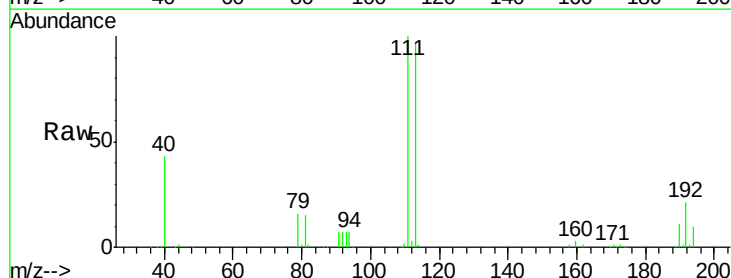
Tgt Ion:113 Resp: 355435

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

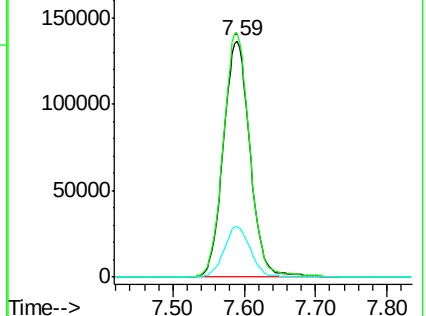
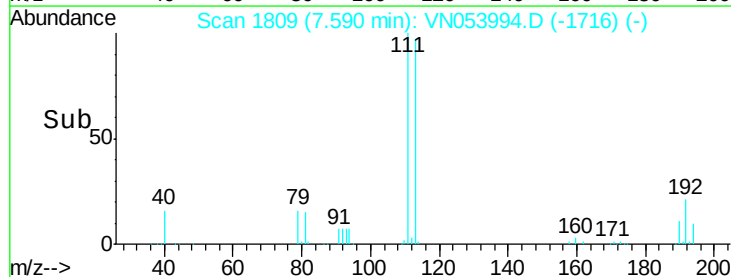
192 21.1 18.8 28.2

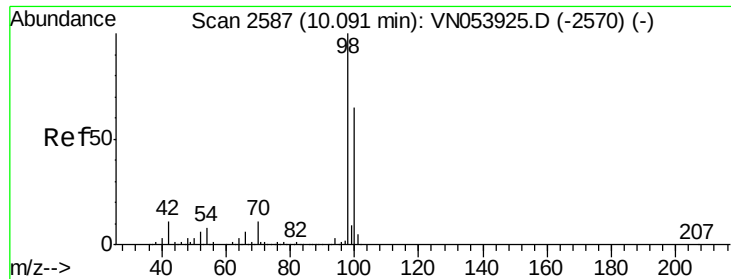


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.167 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053994.D

Acq: 28 Feb 2019 10:15

Instrument :

MSVOA_N

ClientSampled :

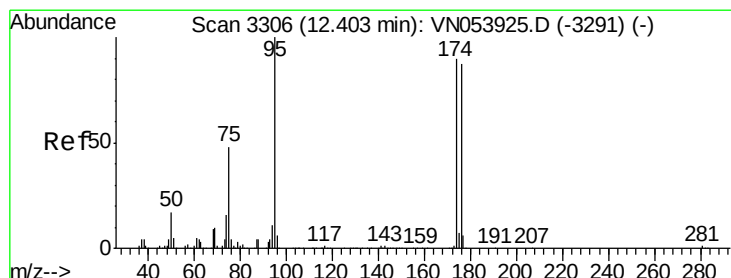
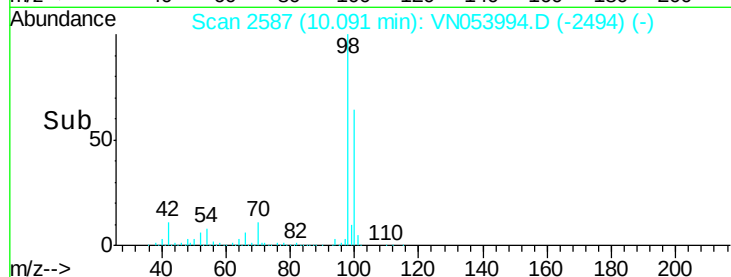
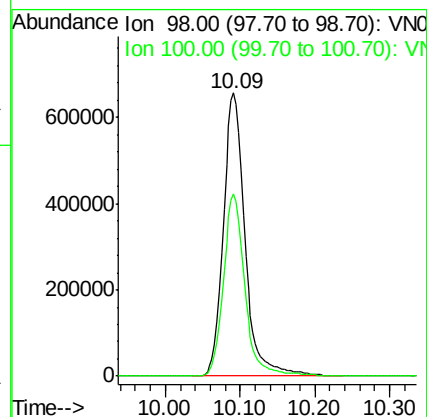
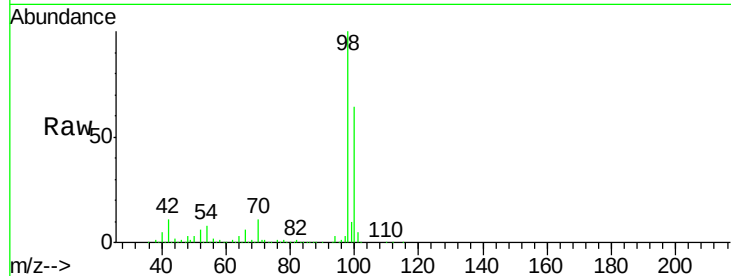
VN0228WBL01

Tot Ion: 98 Resp: 1322243

Ion Ratio Lower Upper

98 100

100 63.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 50.210 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053994.D

Acq: 28 Feb 2019 10:15

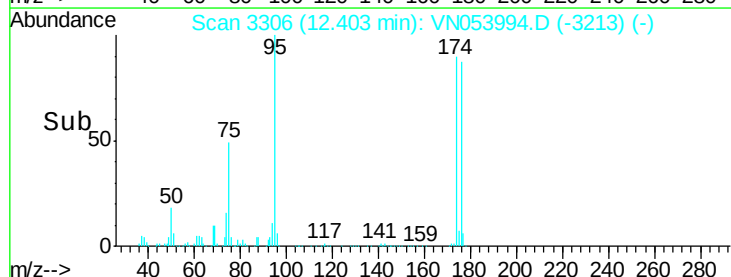
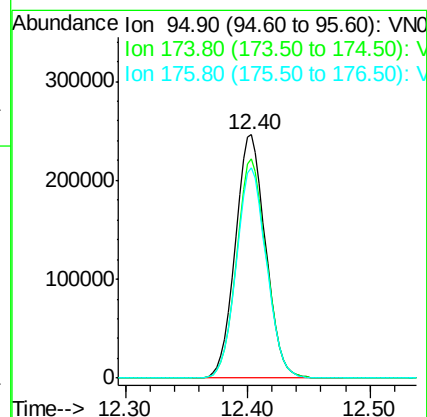
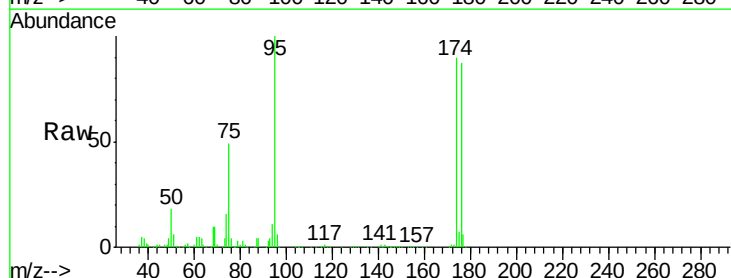
Tgt Ion: 95 Resp: 424004

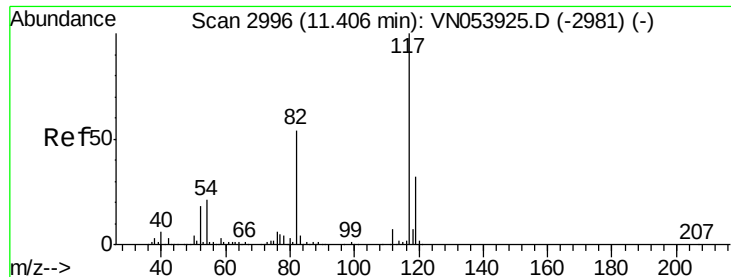
Ion Ratio Lower Upper

95 100

174 88.5 0.0 188.8

176 85.8 0.0 182.6

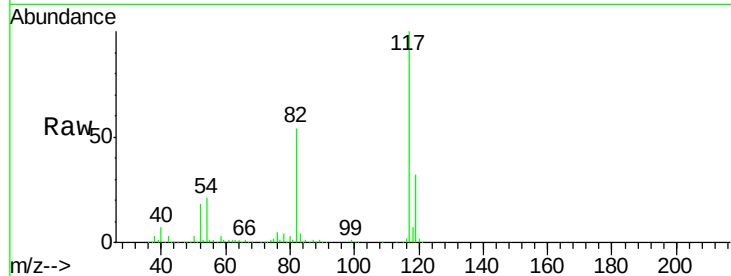




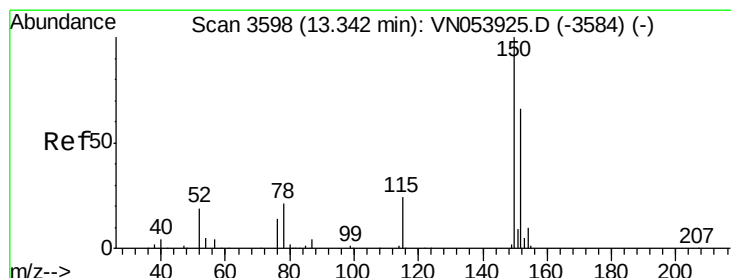
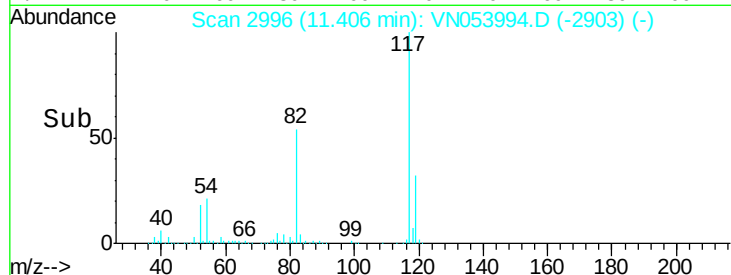
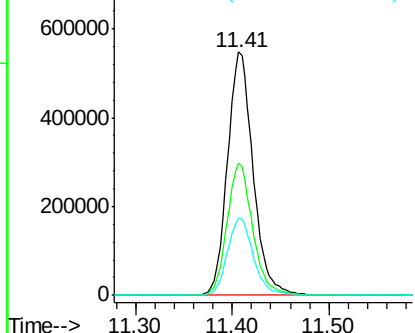
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053994.D
Acq: 28 Feb 2019 10:15

Instrument :
MSVOA_N
ClientSampleId :
VN0228WBL01

Tot Ion:117 Resp: 1009299
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.2
119 31.7 25.3 37.9

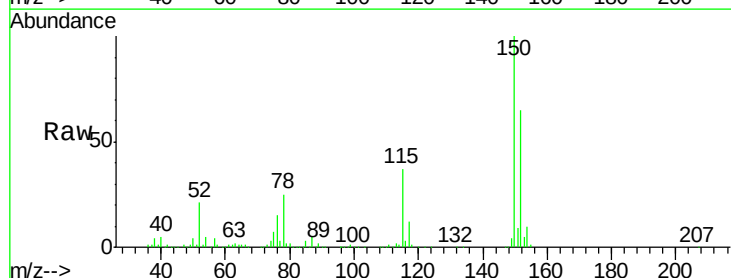


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN053994.D
Acq: 28 Feb 2019 10:15

Tgt Ion:152 Resp: 360157
Ion Ratio Lower Upper
152 100
115 56.6 27.2 81.6
150 155.1 0.0 348.2



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

