

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011619\
 Data File : VN053414.D
 Acq On : 16 Jan 2019 10:21
 Operator : JC/SP
 Sample : VN0116WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0116WBL01

Quant Time: Jan 17 04:04:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	872819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1360676	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1272803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	577226	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	441009	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
35) Dibromofluoromethane	7.59	113	410219	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.09	98	1683004	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	585393	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	

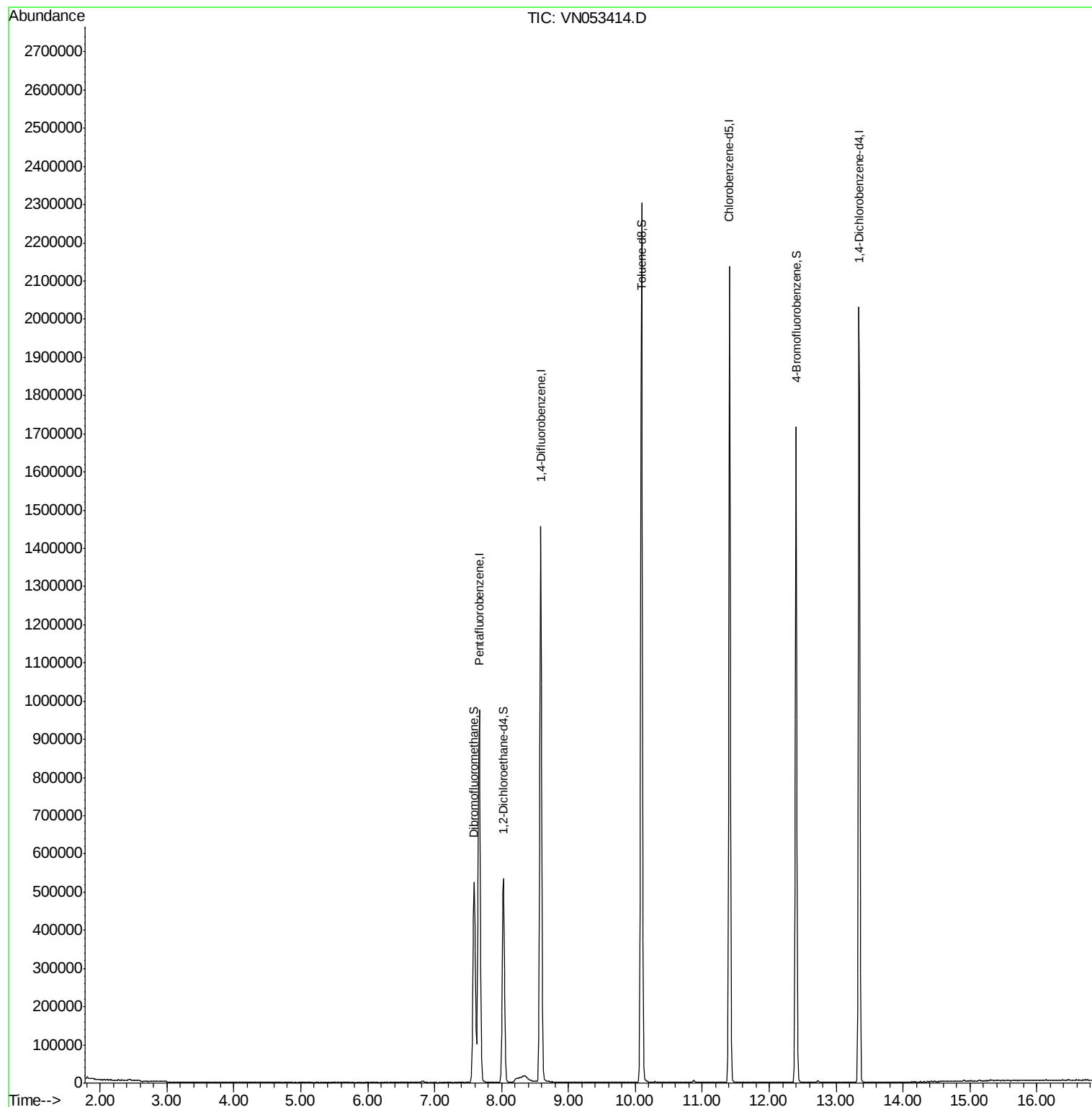
Target Compounds	Qvalue

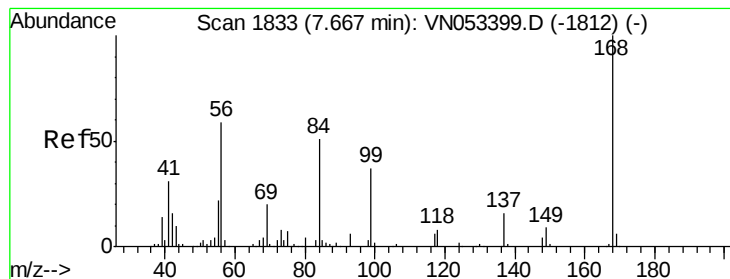
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011619\
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QLast Update : Wed Jan 16 03:10:53 2019
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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: VN053414.D

Acq: 16 Jan 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

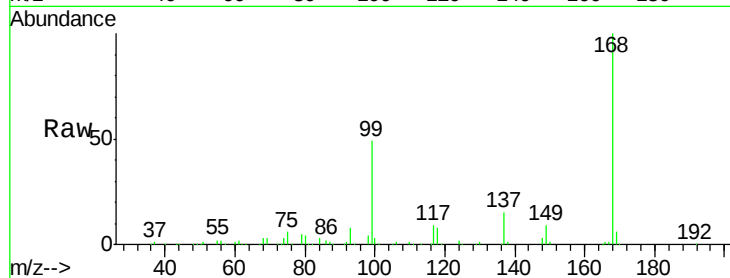
VN0116WBL01

Tot Ion:168 Resp: 872819

Ion Ratio Lower Upper

168 100

99 49.0 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

300000

200000

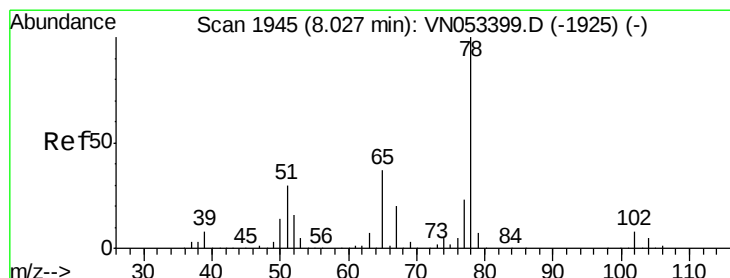
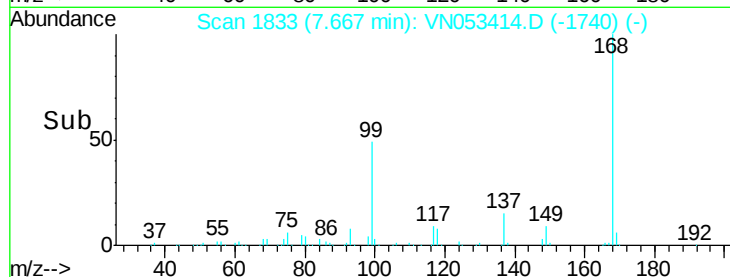
100000

0

7.60

7.70

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: VN053414.D

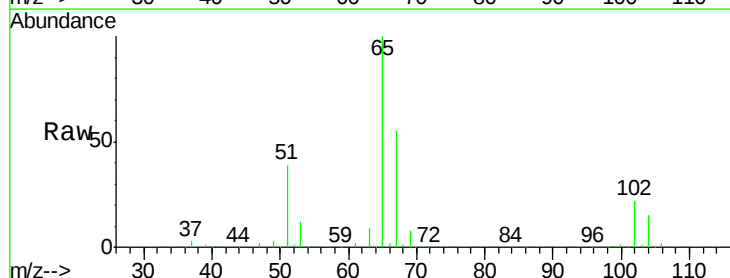
Acq: 16 Jan 2019 10:21

Tgt Ion: 65 Resp: 441009

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

200000

150000

100000

50000

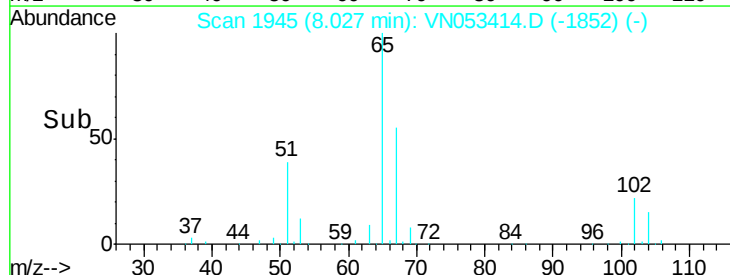
0

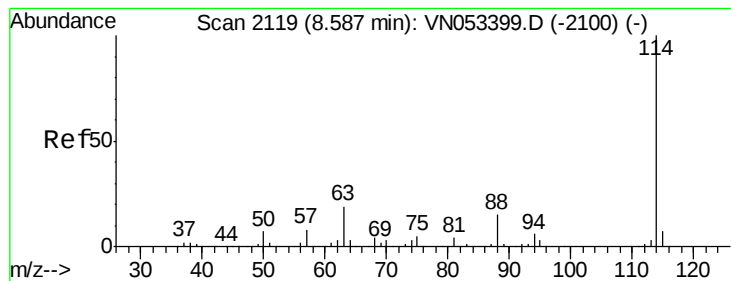
7.90

8.00

8.10

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053414.D

Acq: 16 Jan 2019 10:21

Instrument :

MSVOA_N

ClientSampleId :

VN0116WBL01

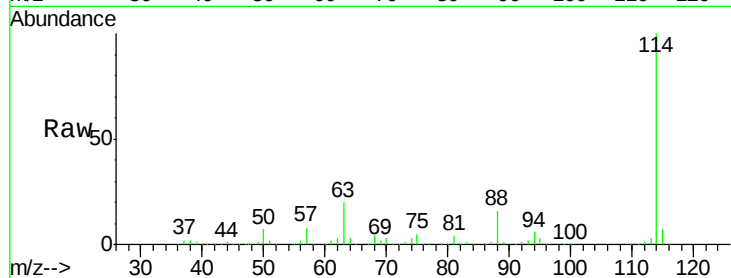
Tot Ion:114 Resp: 1360676

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.6

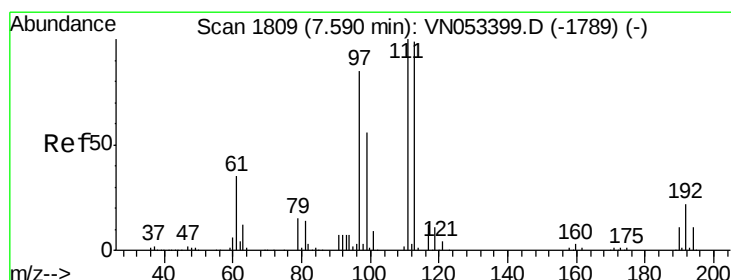
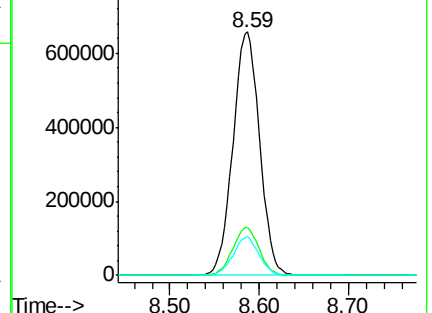
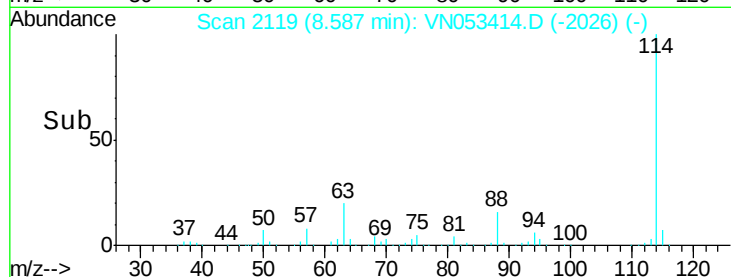
88 15.8 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053414.D

Acq: 16 Jan 2019 10:21

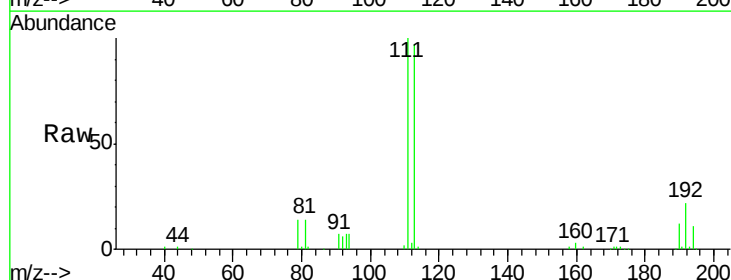
Tgt Ion:113 Resp: 410219

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

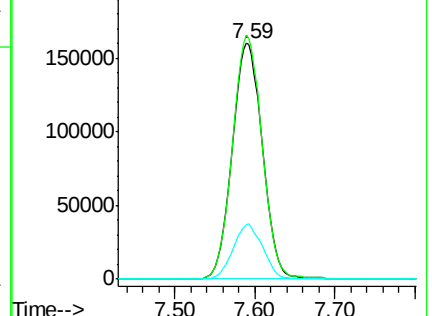
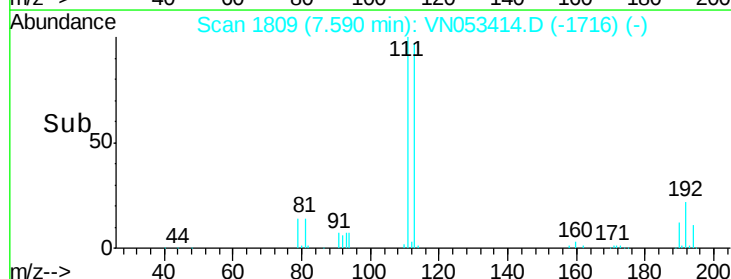
192 22.8 18.2 27.2

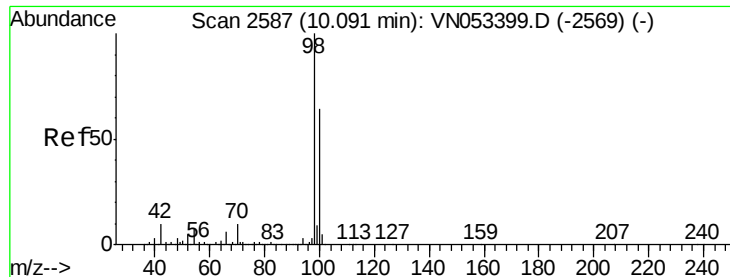


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053414.D

Acq: 16 Jan 2019 10:21

Instrument :

MSVOA_N

ClientSampled :

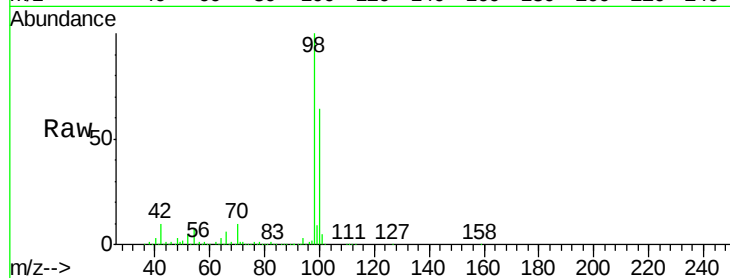
VN0116WBL01

Tot Ion: 98 Resp: 1683004

Ion Ratio Lower Upper

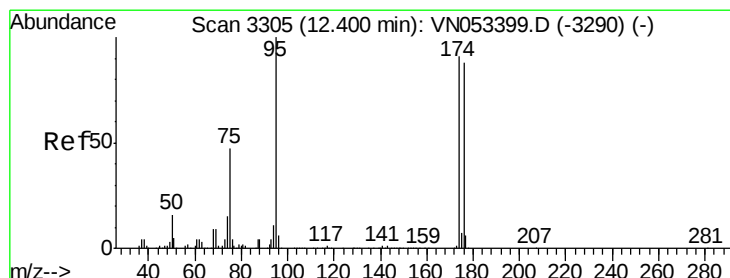
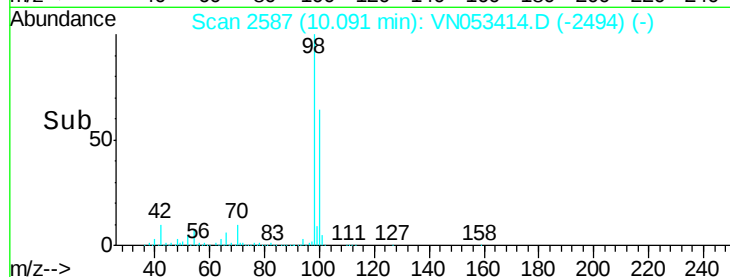
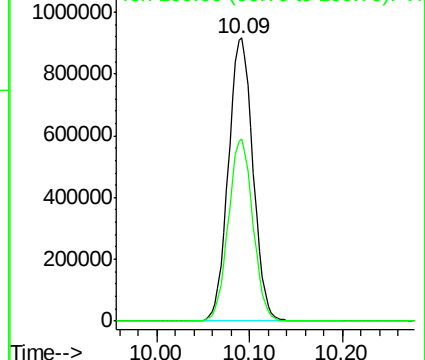
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053414.D

Acq: 16 Jan 2019 10:21

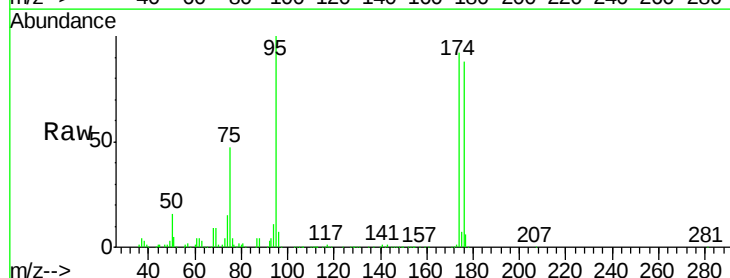
Tgt Ion: 95 Resp: 585393

Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

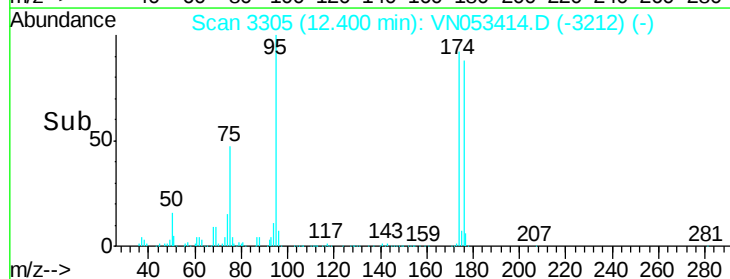
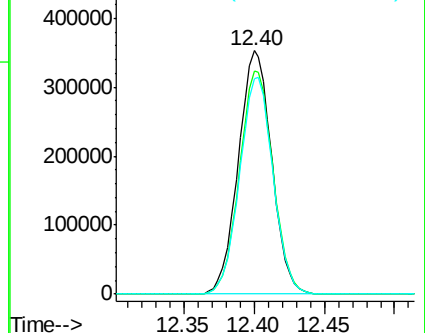
176 89.0 0.0 177.4

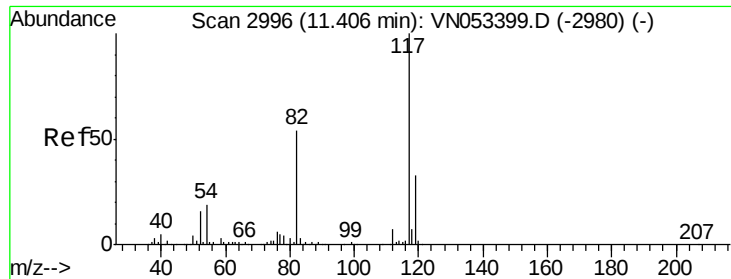


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

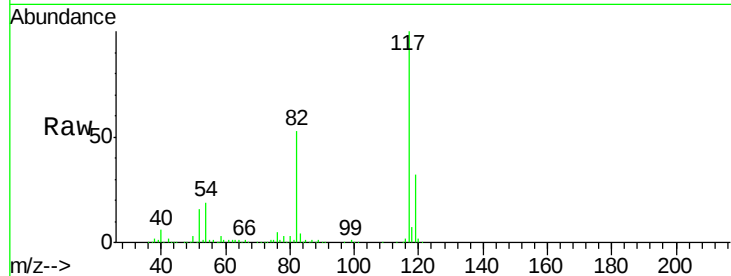




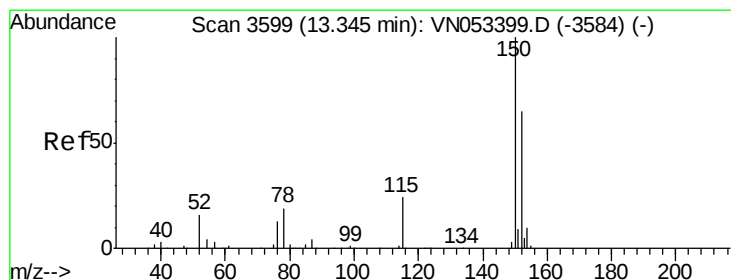
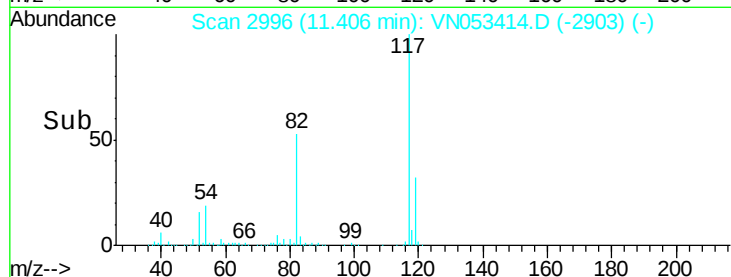
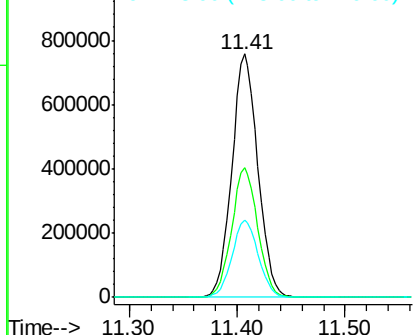
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053414.D
Acq: 16 Jan 2019 10:21

Instrument :
MSVOA_N
ClientSampled :
VN0116WBL01

Tot Ion:117 Resp: 1272803
Ion Ratio Lower Upper
117 100
82 53.4 42.9 64.3
119 31.9 26.0 39.0

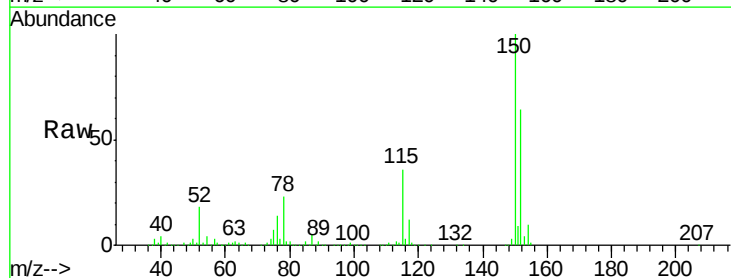


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053414.D
Acq: 16 Jan 2019 10:21

Tgt Ion:152 Resp: 577226
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 156.2 0.0 349.0



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

