

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053478.D
 Acq On : 18 Jan 2019 17:57
 Operator : JC/SP
 Sample : K1199-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20190116

Quant Time: Jan 19 01:07:08 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	838747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1303318	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1225190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	536257	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420163	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	
35) Dibromofluoromethane	7.59	113	384638	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
50) Toluene-d8	10.09	98	1602126	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.40	95	554573	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

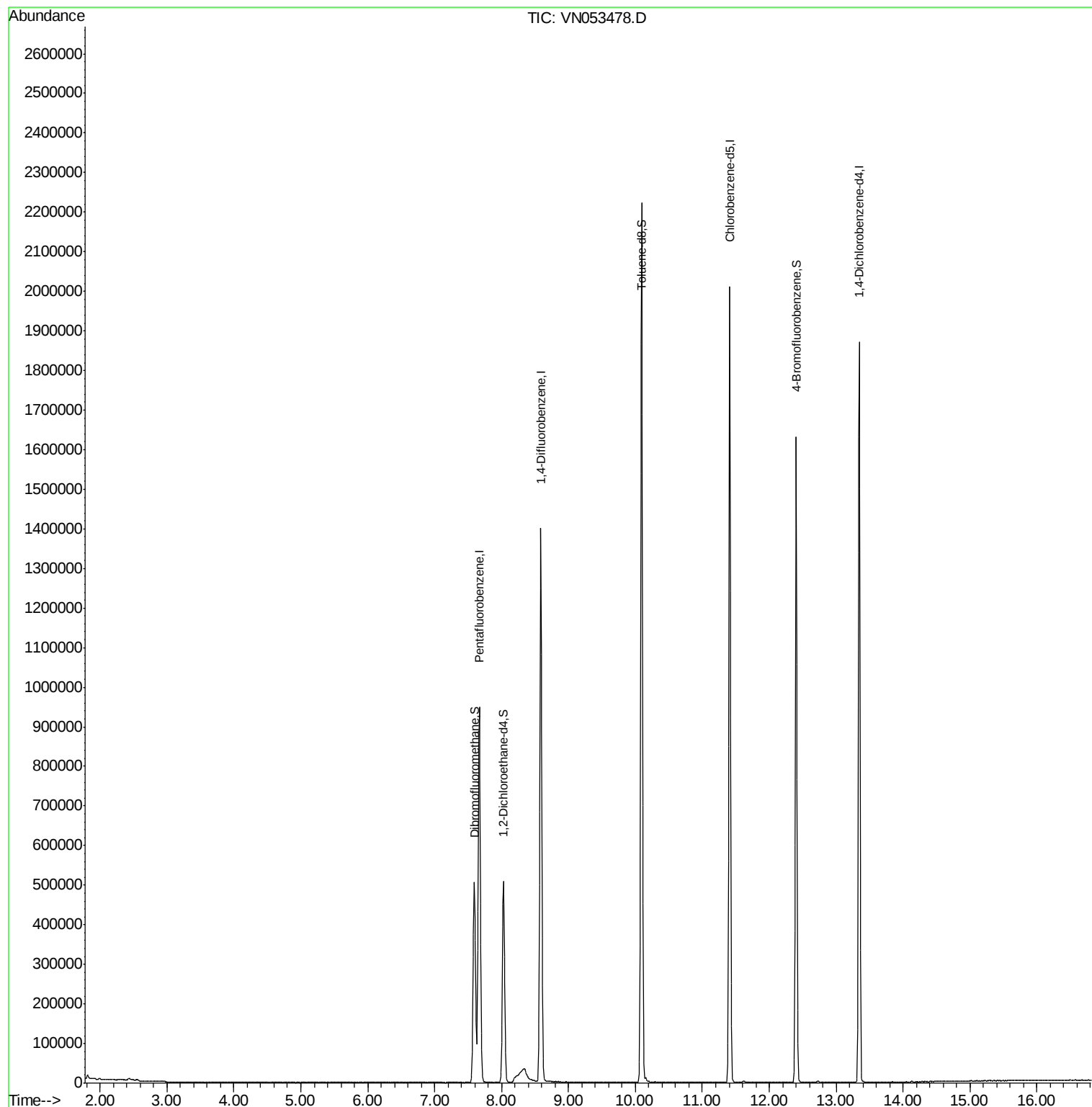
Target Compounds	Qvalue

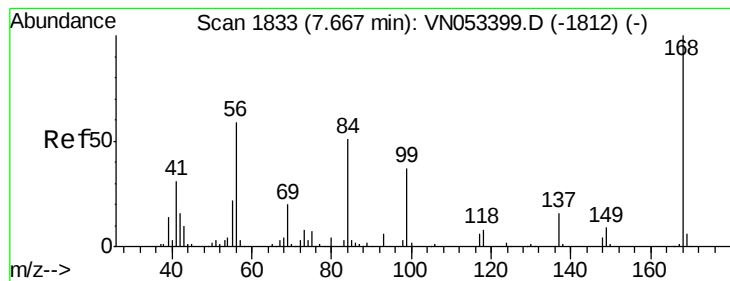
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
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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: VN053478.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

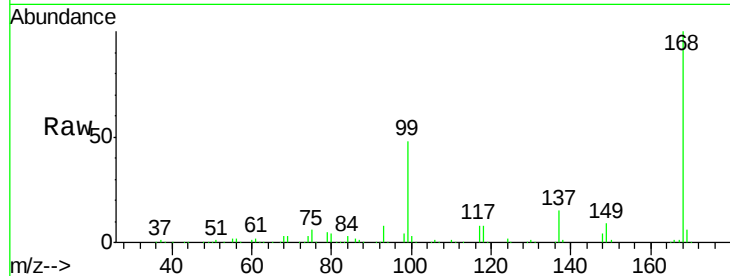
DUP02-20190116

Tot Ion:168 Resp: 838747

Ion Ratio Lower Upper

168 100

99 48.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

400000

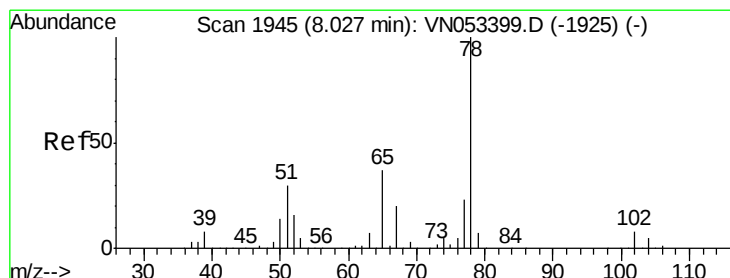
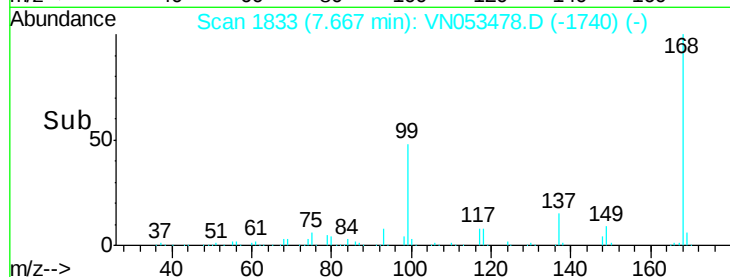
300000

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: VN053478.D

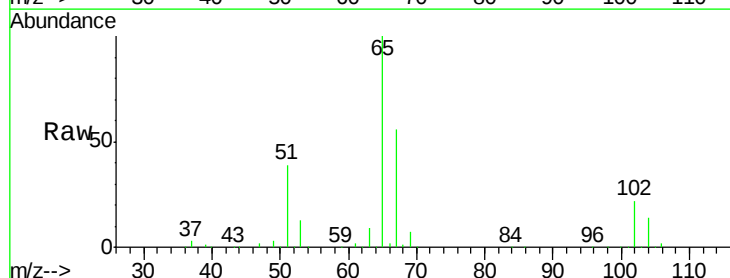
Acq: 18 Jan 2019 17:57

Tgt Ion: 65 Resp: 420163

Ion Ratio Lower Upper

65 100

67 55.5 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

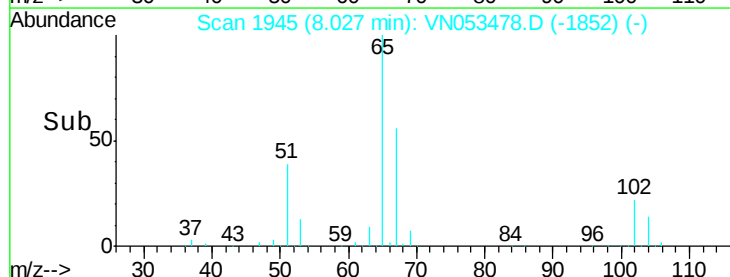
150000

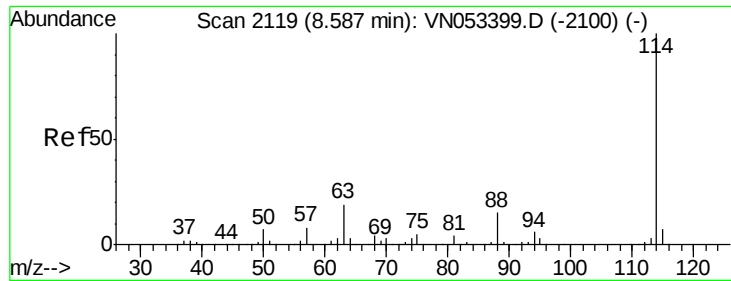
100000

50000

0

Time-->

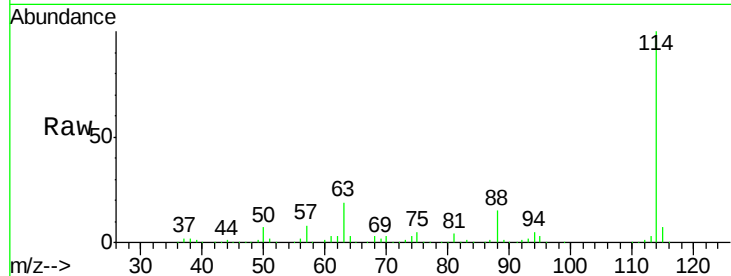




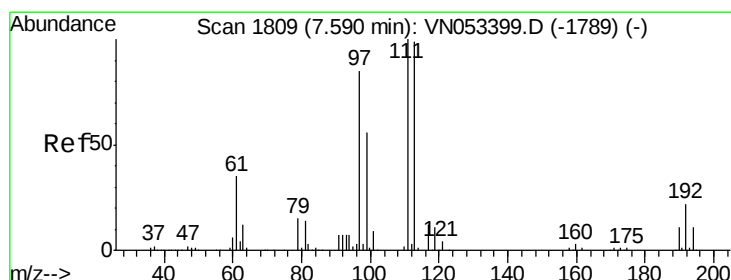
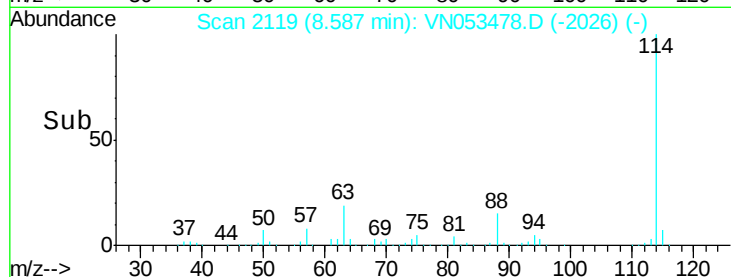
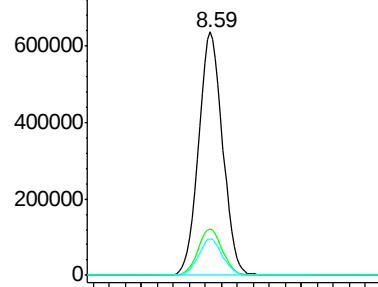
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053478.D
 Acq: 18 Jan 2019 17:57

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20190116

Tot Ion:114 Resp: 1303318
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.1 0.0 30.4

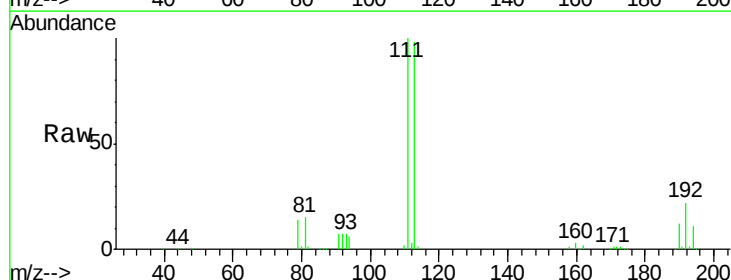


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

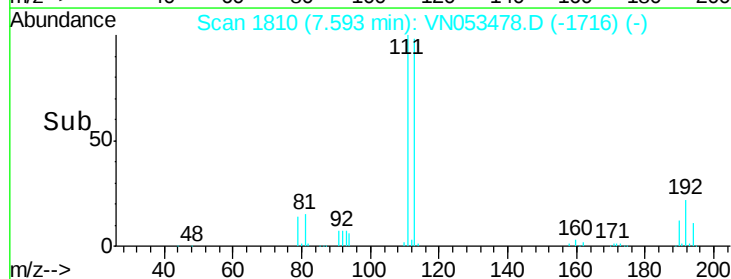
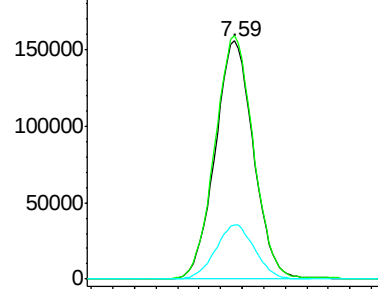


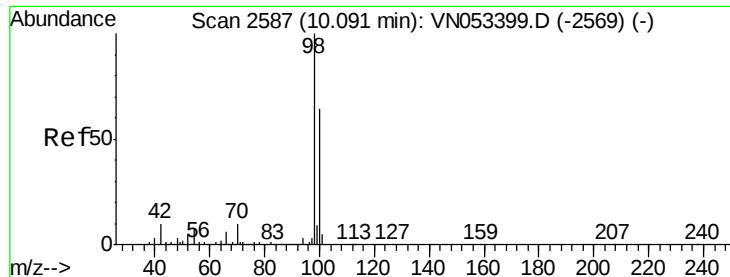
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053478.D
 Acq: 18 Jan 2019 17:57

Tgt Ion:113 Resp: 384638
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.1 121.7
 192 23.3 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: VN053478.D

Acq: 18 Jan 2019 17:57

Instrument :

MSVOA_N

ClientSampleId :

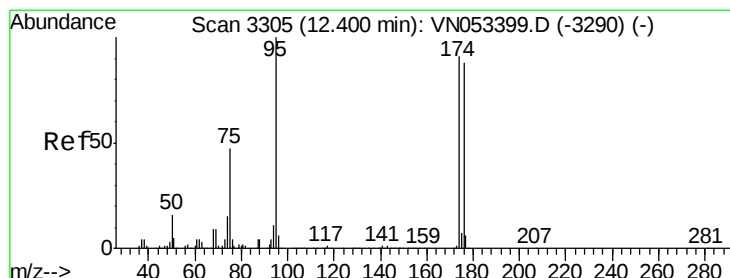
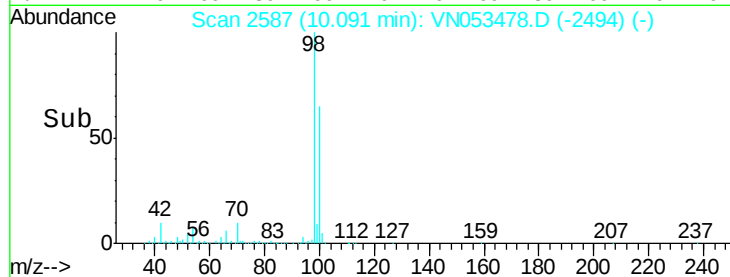
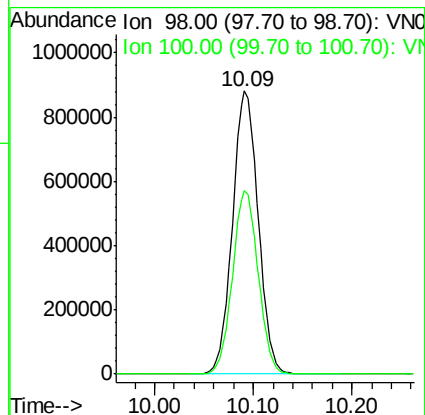
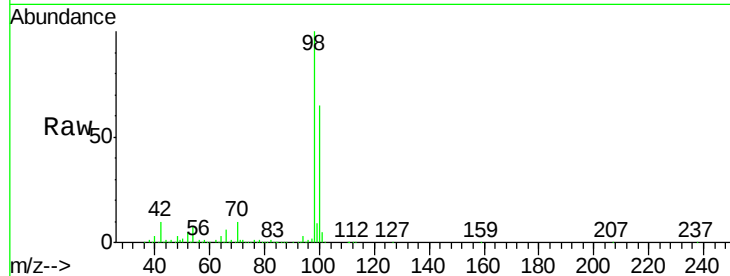
DUP02-20190116

Tot Ion: 98 Resp: 1602126

Ion Ratio Lower Upper

98 100

100 64.7 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053478.D

Acq: 18 Jan 2019 17:57

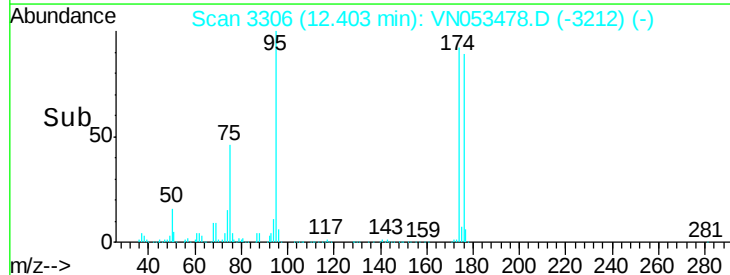
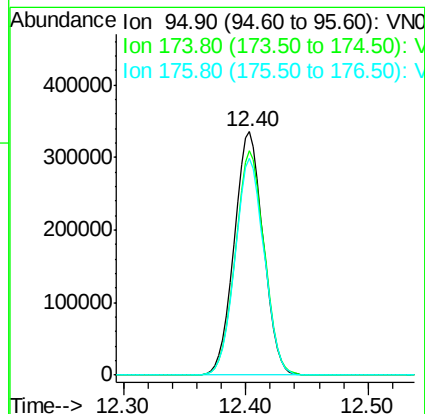
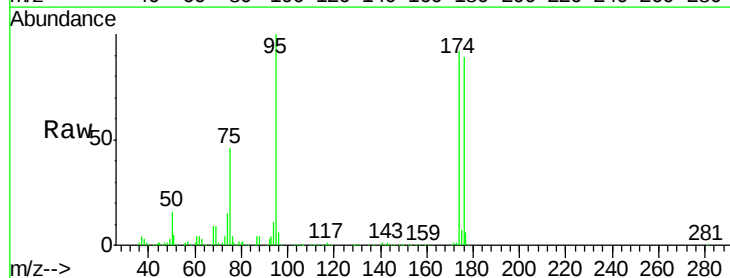
Tgt Ion: 95 Resp: 554573

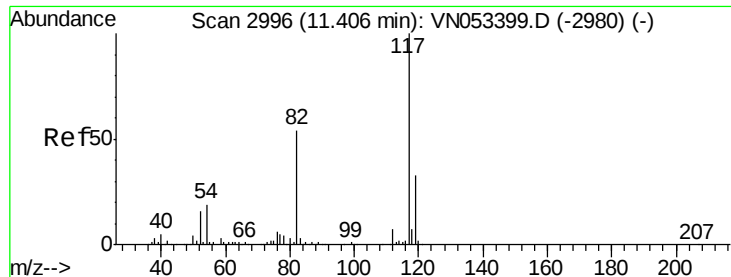
Ion Ratio Lower Upper

95 100

174 92.0 0.0 183.2

176 89.0 0.0 177.4

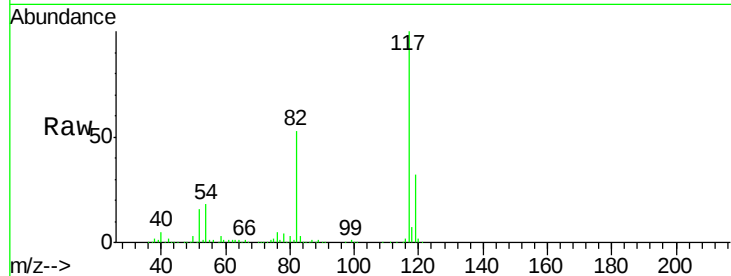




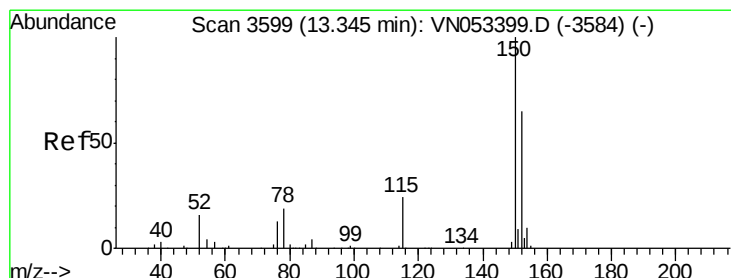
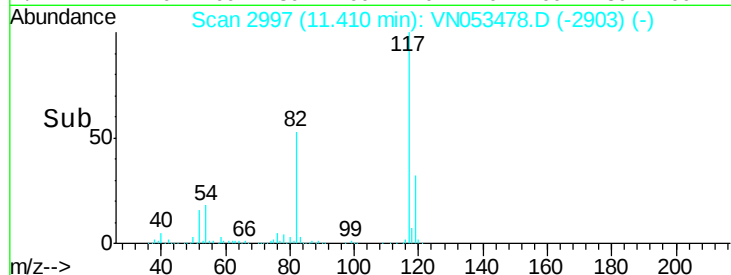
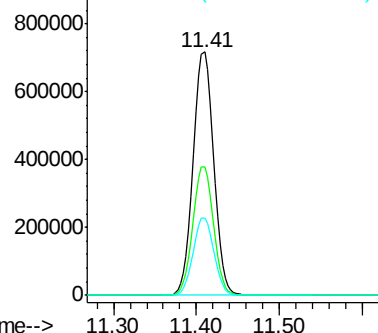
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053478.D
Acq: 18 Jan 2019 17:57

Instrument :
MSVOA_N
ClientSampleId :
DUP02-20190116

Tot Ion:117 Resp: 1225190
Ion Ratio Lower Upper
117 100
82 52.9 42.9 64.3
119 32.0 26.0 39.0

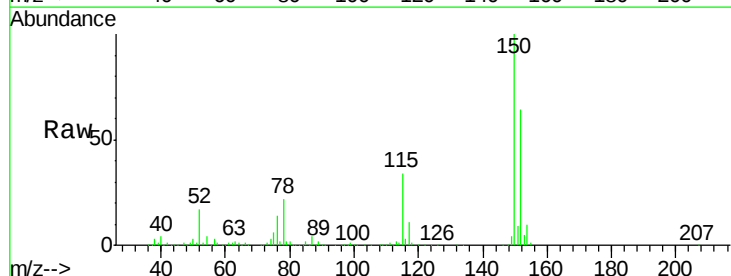


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053478.D
Acq: 18 Jan 2019 17:57

Tgt Ion:152 Resp: 536257
Ion Ratio Lower Upper
152 100
115 55.2 27.8 83.4
150 158.2 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

