

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053477.D
 Acq On : 18 Jan 2019 17:30
 Operator : JC/SP
 Sample : K1199-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW529-2327

Quant Time: Jan 21 10:54:19 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	867189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1361021	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1281346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	572086	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	443278	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	397806	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
50) Toluene-d8	10.09	98	1688570	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
62) 4-Bromofluorobenzene	12.40	95	577566	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	

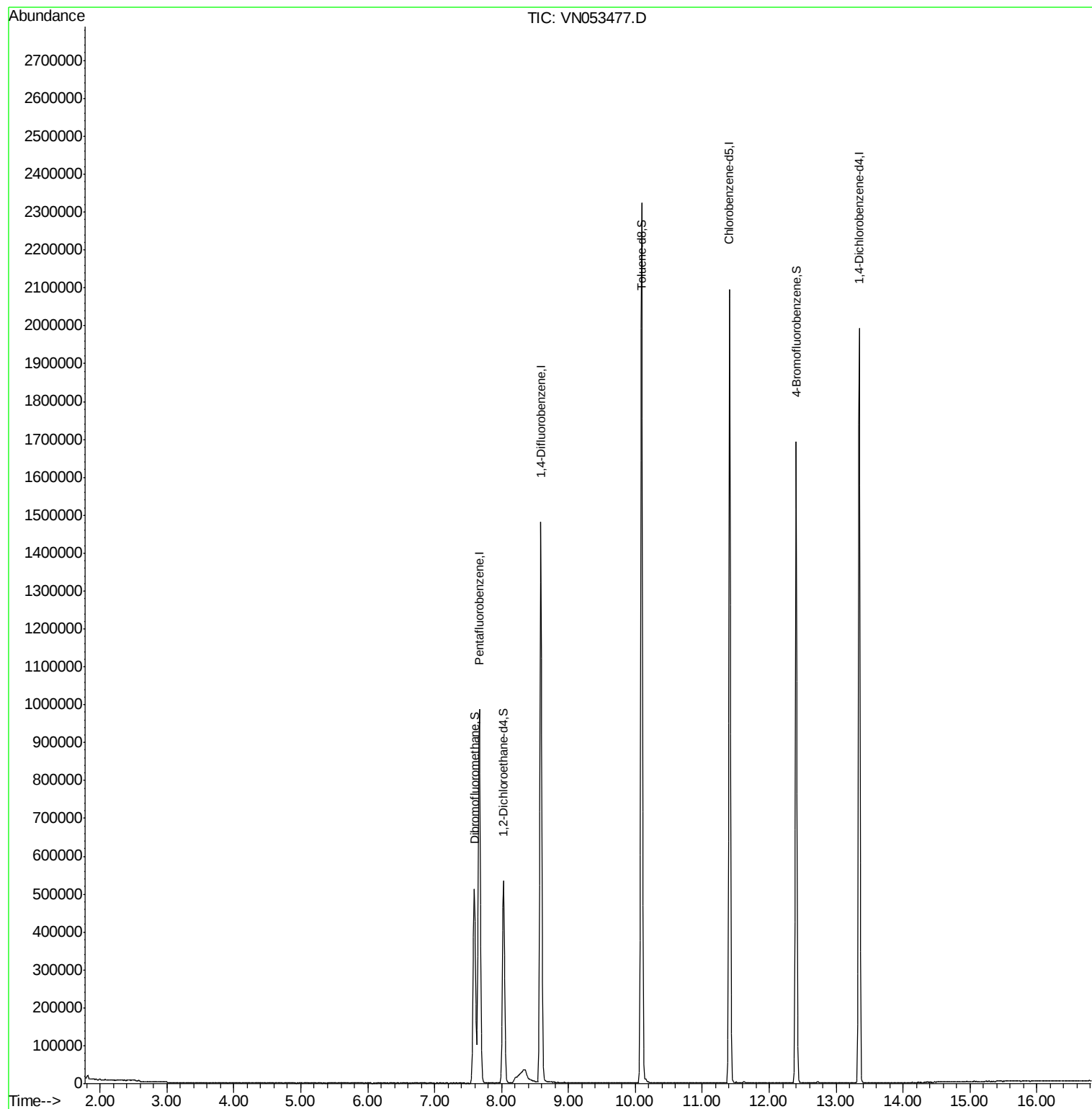
Target Compounds	Qvalue

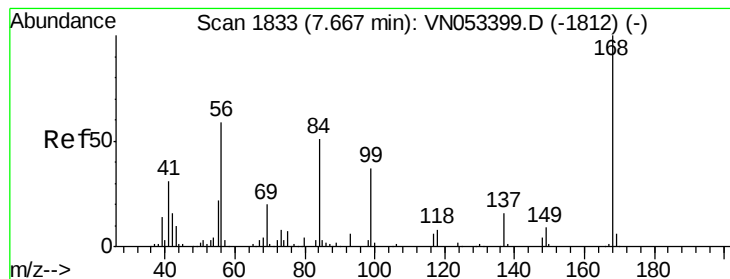
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

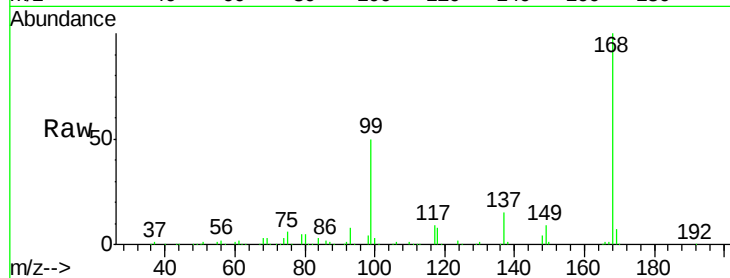
SA-TW529-2327

Tot Ion:168 Resp: 867189

Ion Ratio Lower Upper

168 100

99 49.6 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

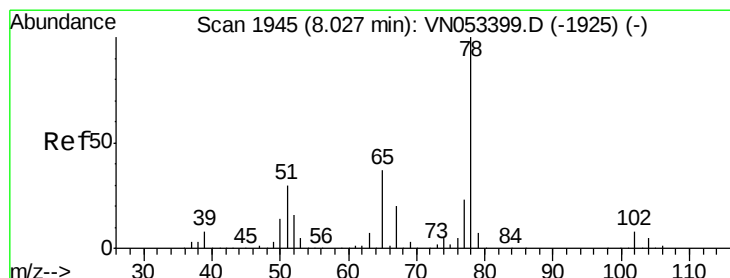
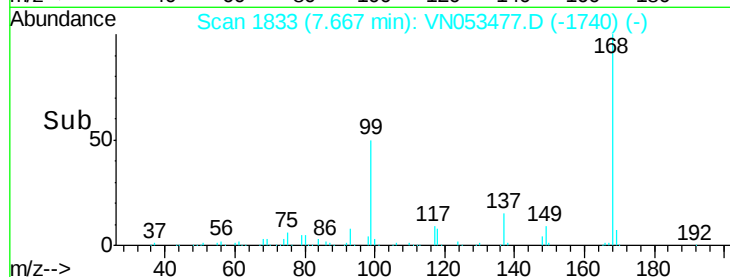
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN053477.D

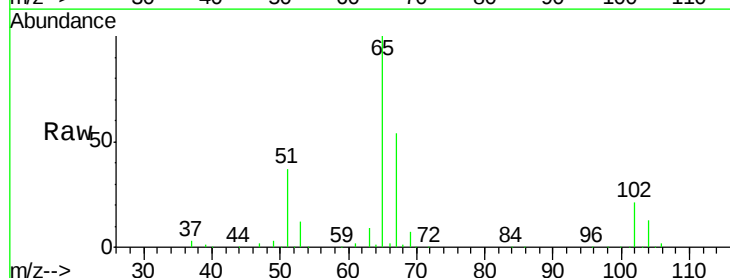
Acq: 18 Jan 2019 17:30

Tgt Ion: 65 Resp: 443278

Ion Ratio Lower Upper

65 100

67 54.7 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

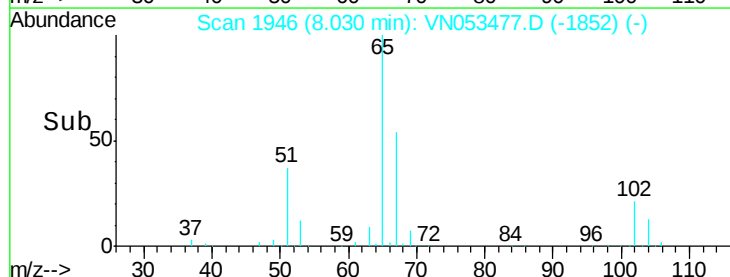
100000

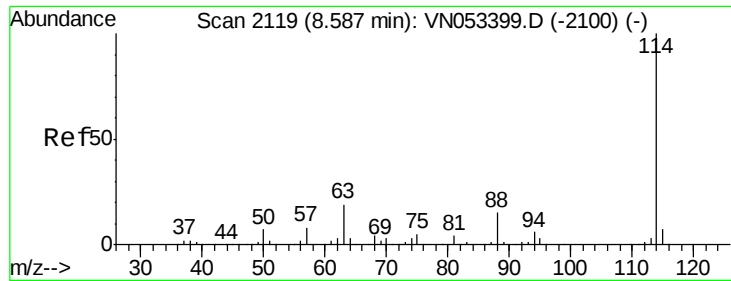
50000

0

7.90 8.00 8.10

Time-->

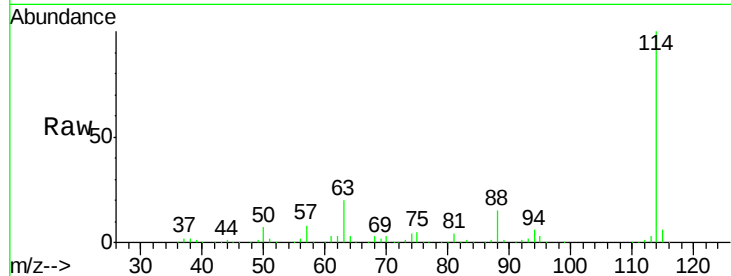




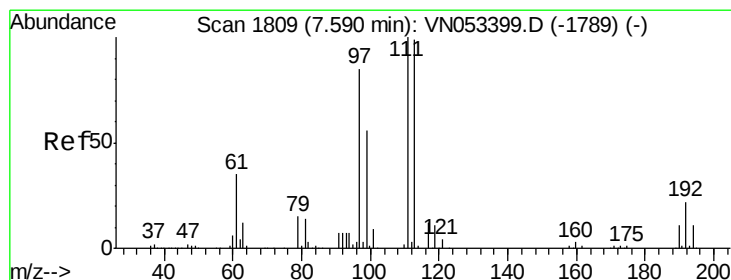
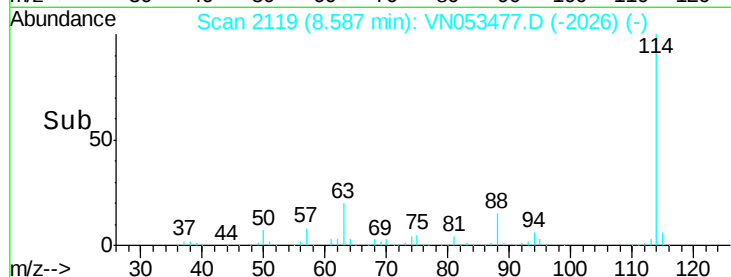
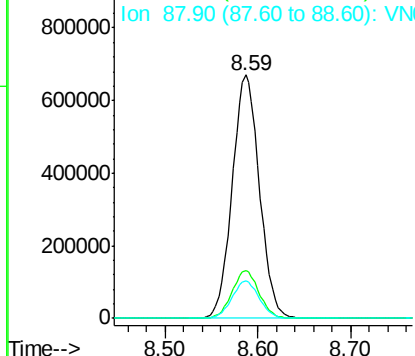
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053477.D
 Acq: 18 Jan 2019 17:30

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-TW529-2327

Tot Ion:114 Resp: 1361021
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.6
 88 15.4 0.0 30.4

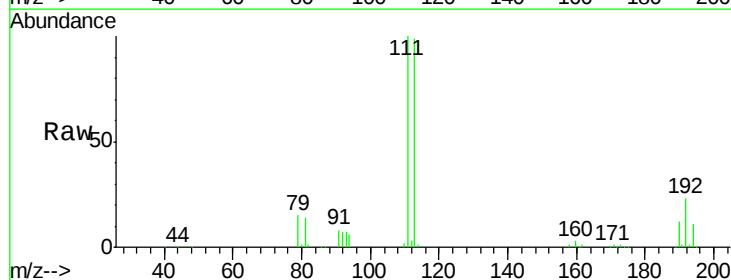


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

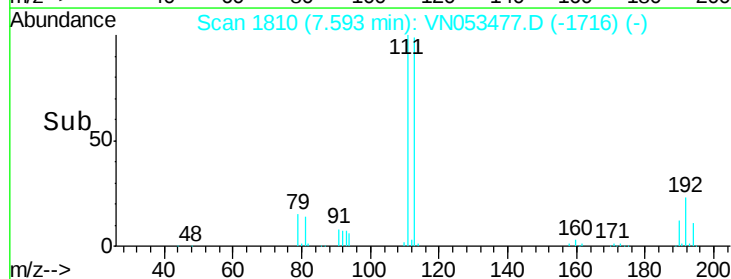
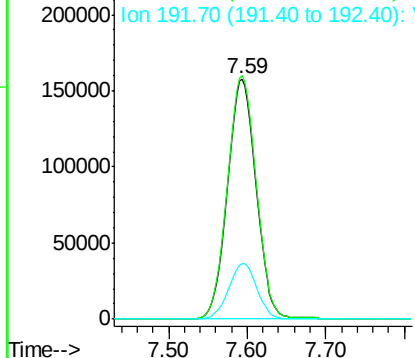


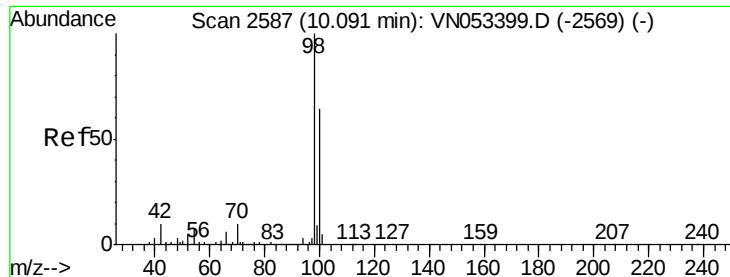
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053477.D
 Acq: 18 Jan 2019 17:30

Tgt Ion:113 Resp: 397806
 Ion Ratio Lower Upper
 113 100
 111 102.5 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: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

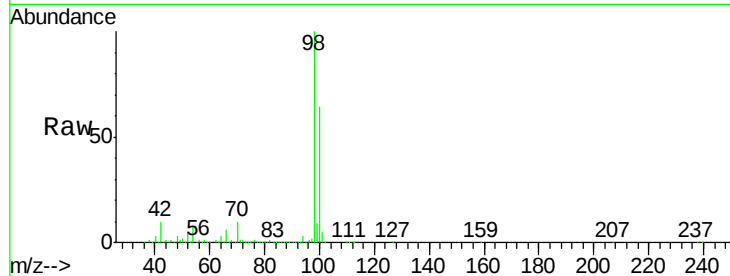
SA-TW529-2327

Tot Ion: 98 Resp: 1688570

Ion Ratio Lower Upper

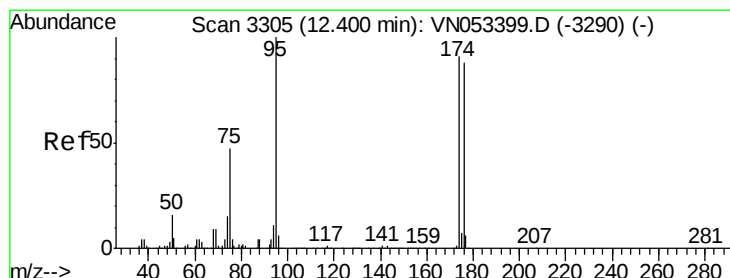
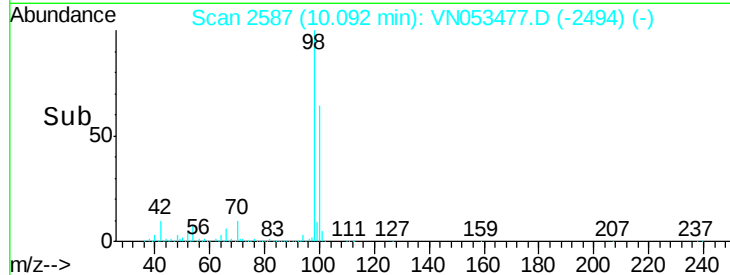
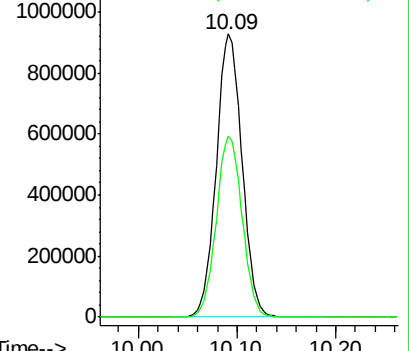
98 100

100 64.3 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# 3306

Delta R.T. 0.00 min

Lab File: VN053477.D

Acq: 18 Jan 2019 17:30

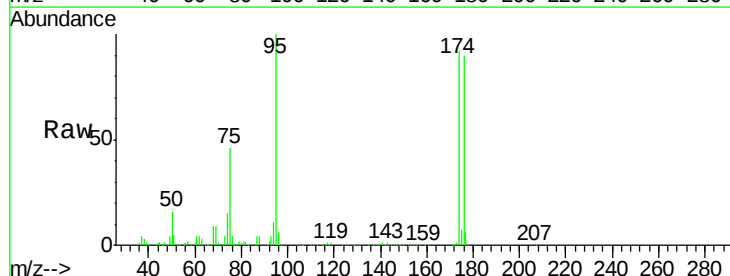
Tgt Ion: 95 Resp: 577566

Ion Ratio Lower Upper

95 100

174 92.8 0.0 183.2

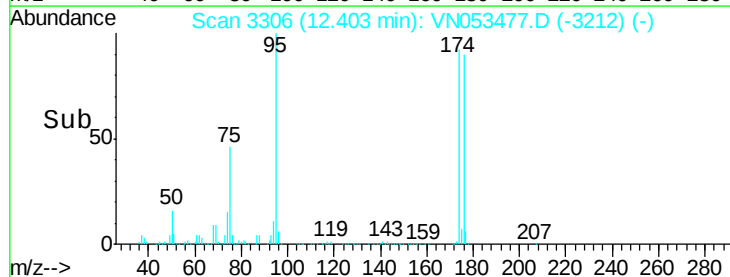
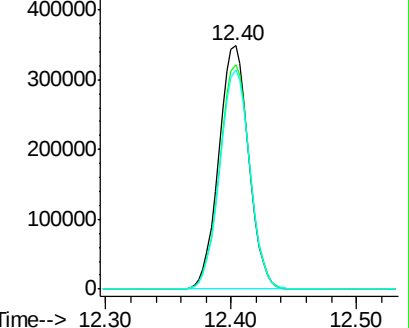
176 90.5 0.0 177.4

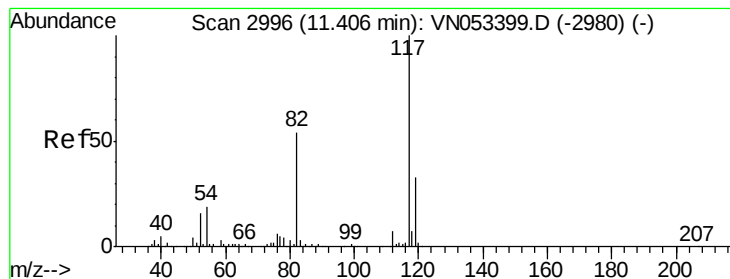


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN053477.D

Acq: 18 Jan 2019 17:30

Instrument :

MSVOA_N

ClientSampleId :

SA-TW529-2327

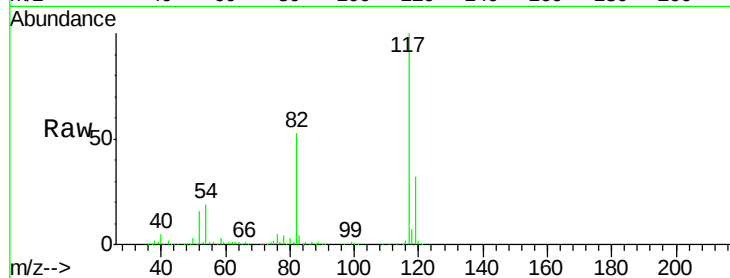
Tot Ion:117 Resp: 1281346

Ion Ratio Lower Upper

117 100

82 52.6 42.9 64.3

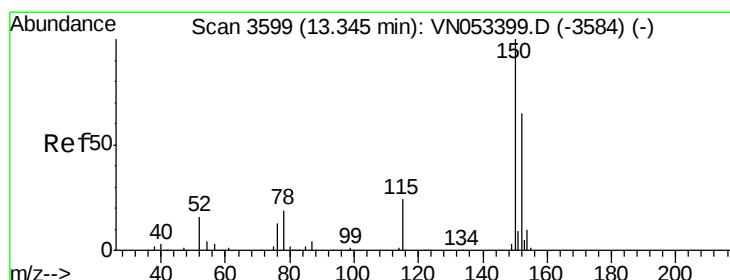
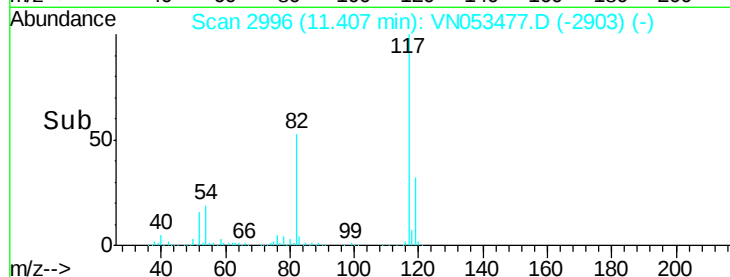
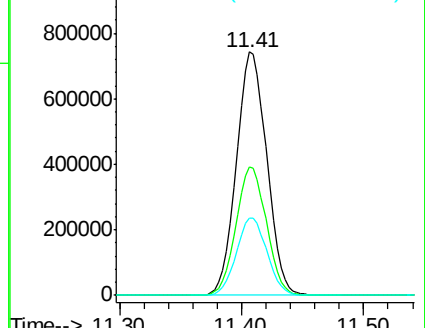
119 32.0 26.0 39.0



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: VN053477.D

Acq: 18 Jan 2019 17:30

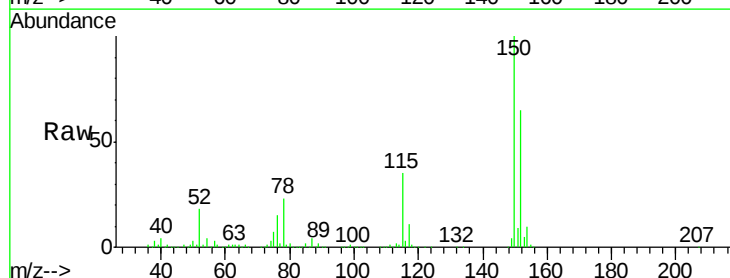
Tgt Ion:152 Resp: 572086

Ion Ratio Lower Upper

152 100

115 55.3 27.8 83.4

150 156.5 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

