

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053469.D
 Acq On : 18 Jan 2019 13:54
 Operator : JC/SP
 Sample : VN0118WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBL02

Quant Time: Jan 19 00:37:06 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	894112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1401250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1311624	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	567408	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	452941	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
35) Dibromofluoromethane	7.59	113	413488	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
50) Toluene-d8	10.09	98	1733168	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
62) 4-Bromofluorobenzene	12.40	95	593305	50.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.06%	

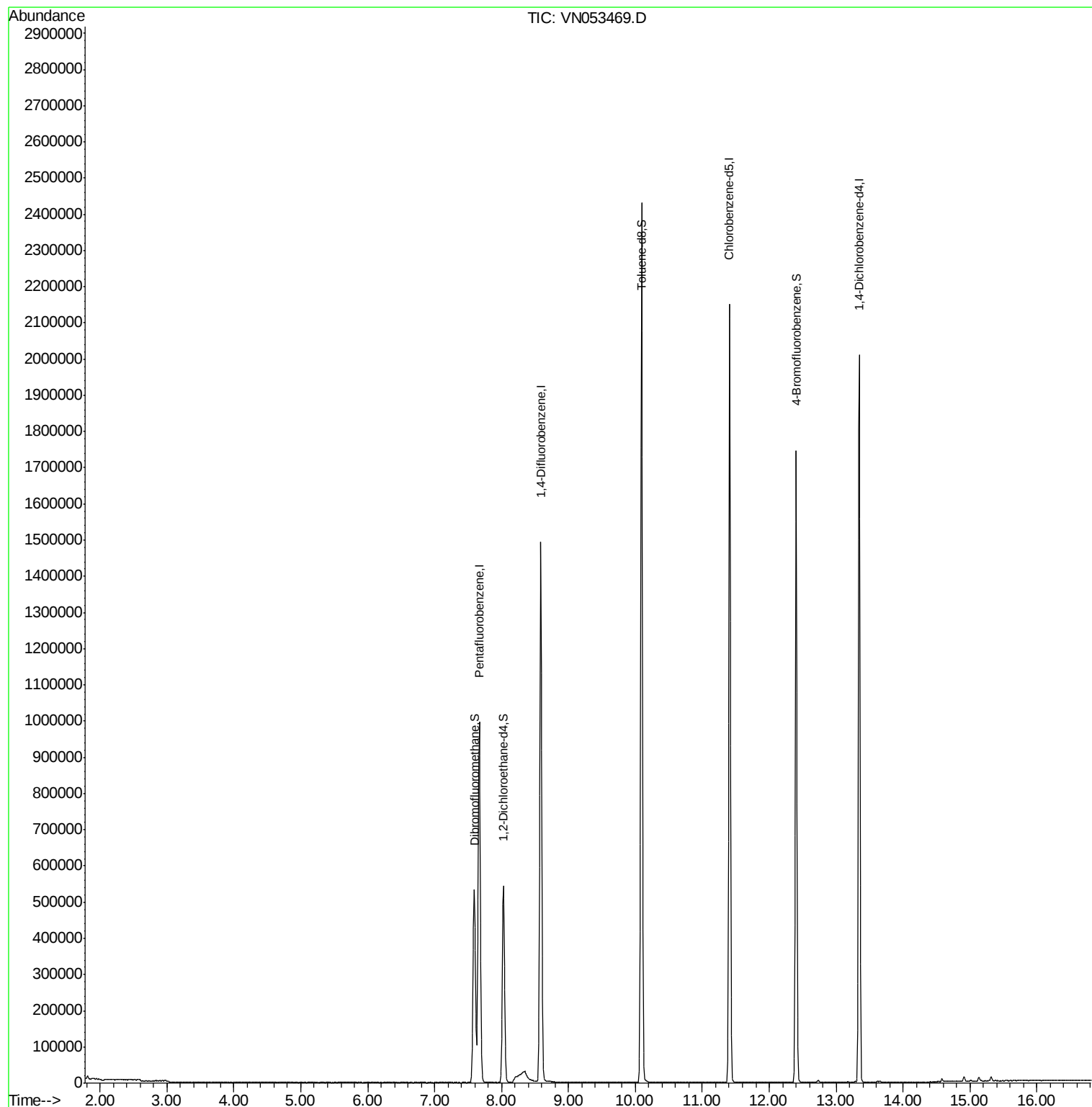
Target Compounds	Qvalue
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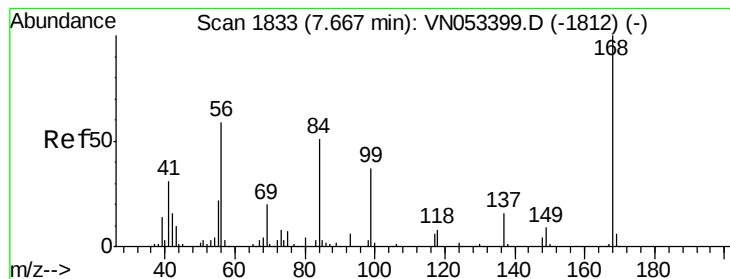
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053469.D

Acq: 18 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampleId :

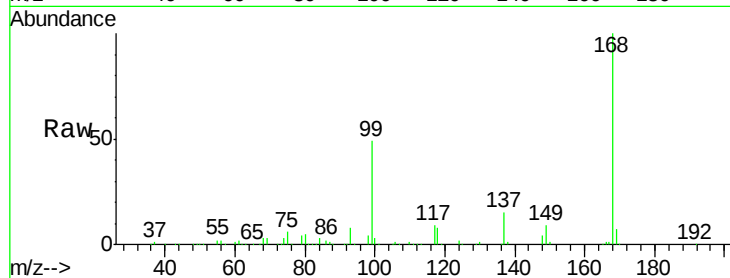
VN0118WBL02

Tot Ion:168 Resp: 894112

Ion Ratio Lower Upper

168 100

99 48.6 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

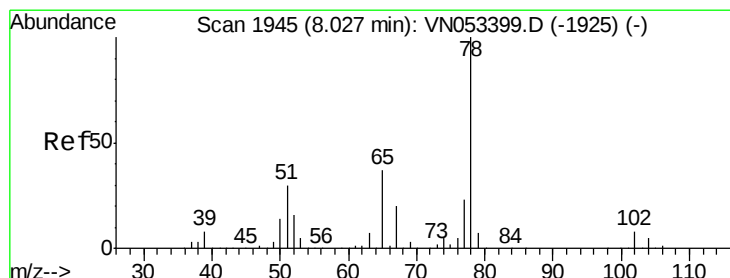
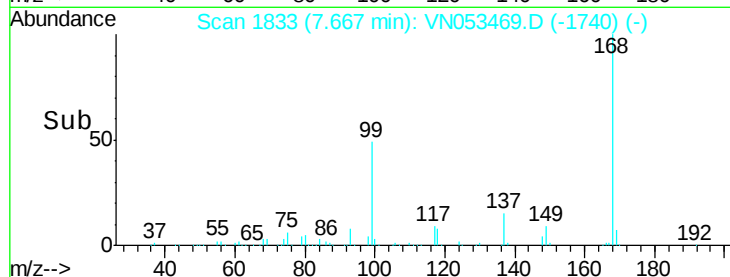
300000

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: VN053469.D

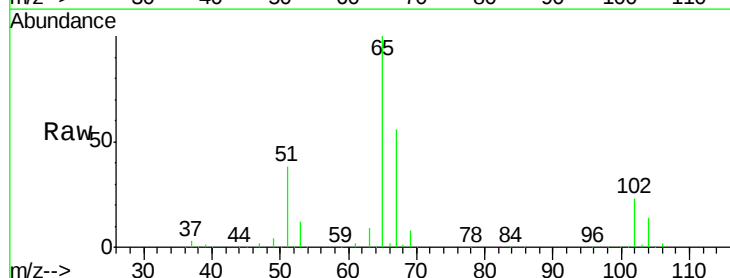
Acq: 18 Jan 2019 13:54

Tgt Ion: 65 Resp: 452941

Ion Ratio Lower Upper

65 100

67 55.0 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

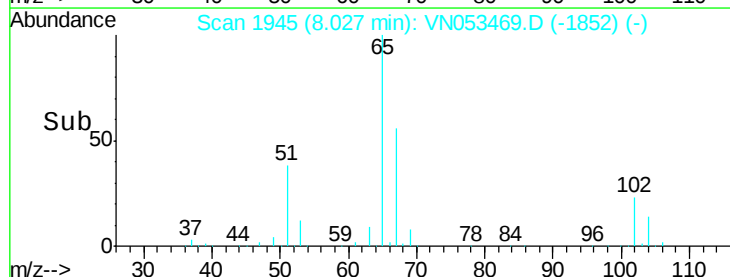
150000

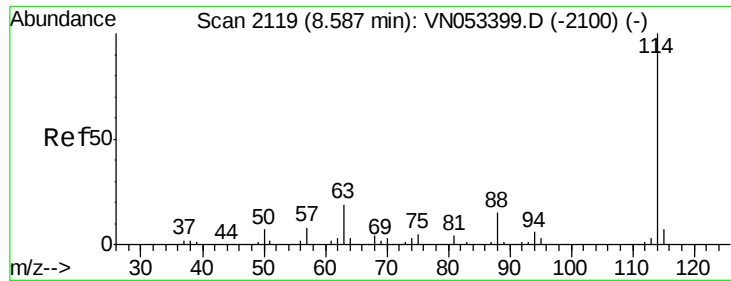
100000

50000

0

Time-->

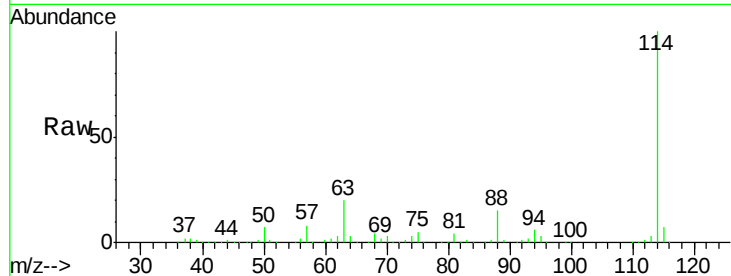




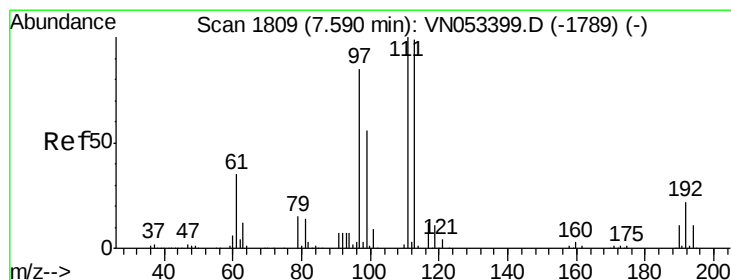
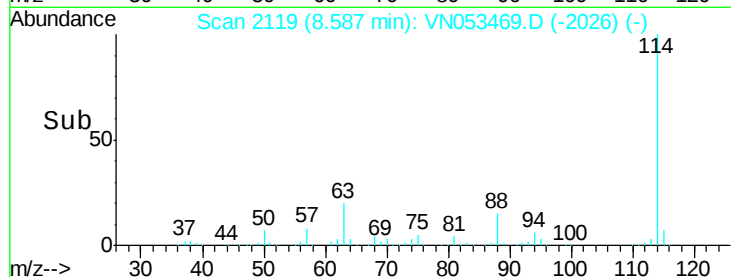
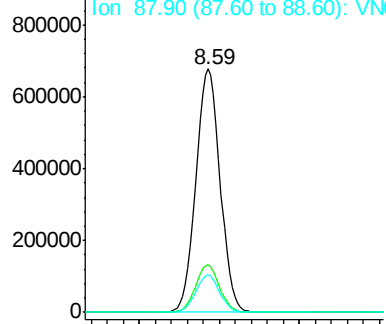
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053469.D
 Acq: 18 Jan 2019 13:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0118WBL02

Tot Ion:114 Resp: 1401250
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 38.6
 88 15.3 0.0 30.4

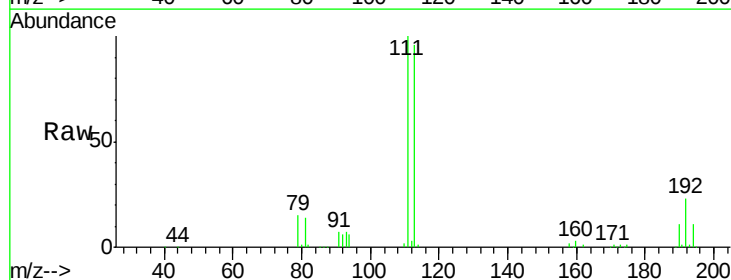


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

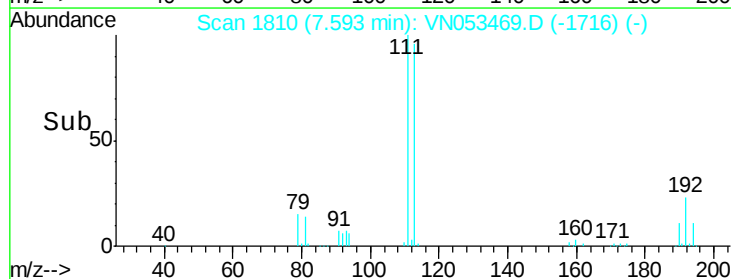
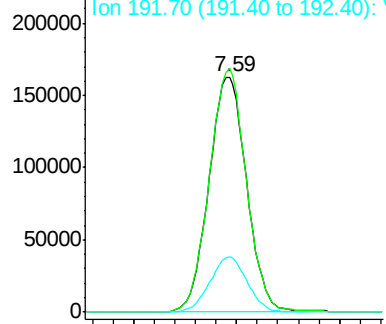


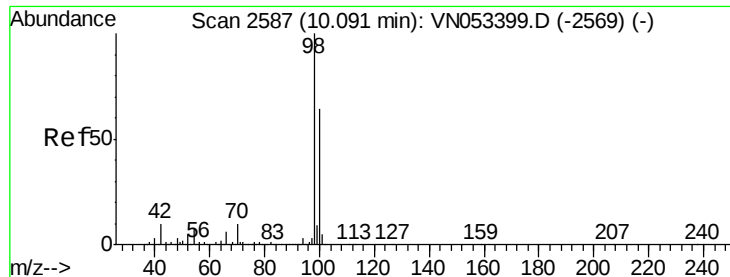
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053469.D
 Acq: 18 Jan 2019 13:54

Tgt Ion:113 Resp: 413488
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.1 121.7
 192 23.1 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: VN053469.D

Acq: 18 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampled :

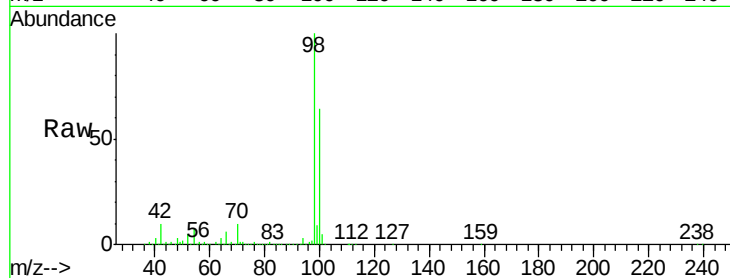
VN0118WBL02

Tot Ion: 98 Resp: 1733168

Ion Ratio Lower Upper

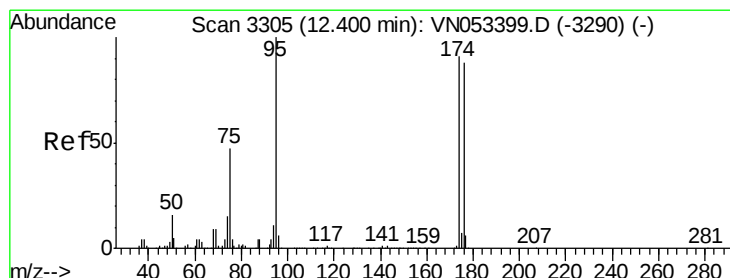
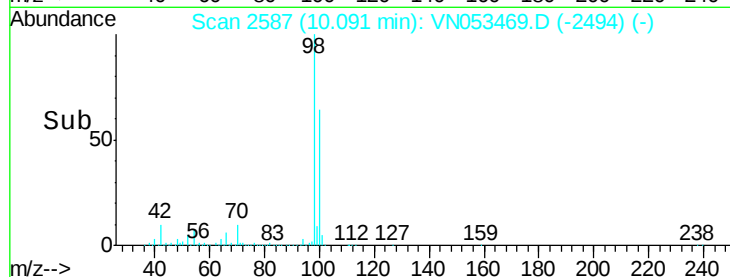
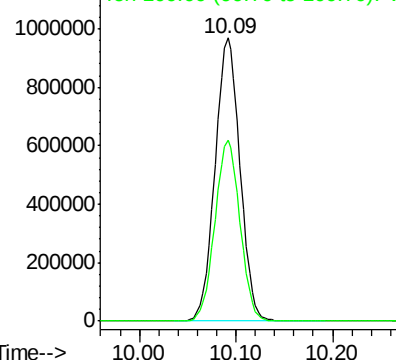
98 100

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: VN053469.D

Acq: 18 Jan 2019 13:54

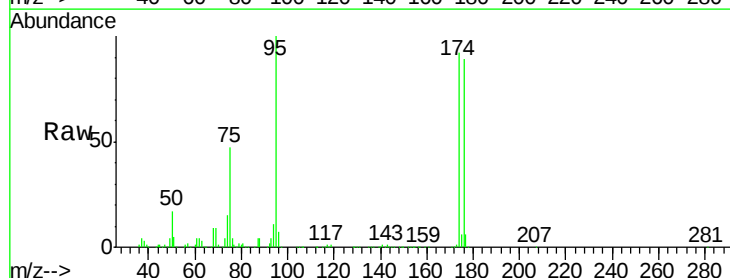
Tgt Ion: 95 Resp: 593305

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.2

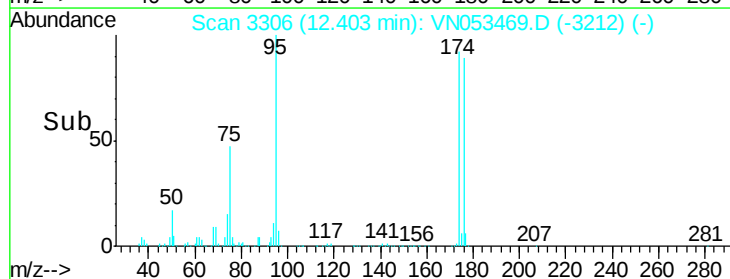
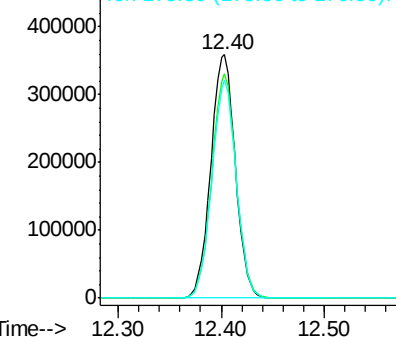
176 89.2 0.0 177.4

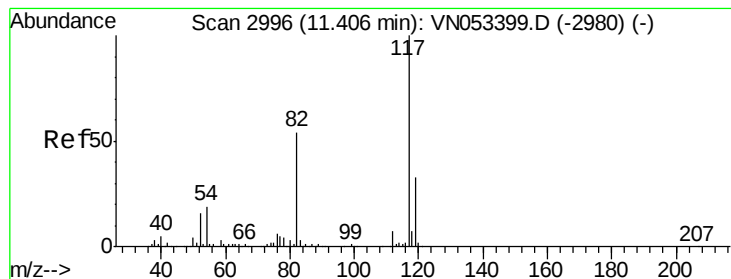


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN053469.D

Acq: 18 Jan 2019 13:54

Instrument :

MSVOA_N

ClientSampled :

VN0118WBL02

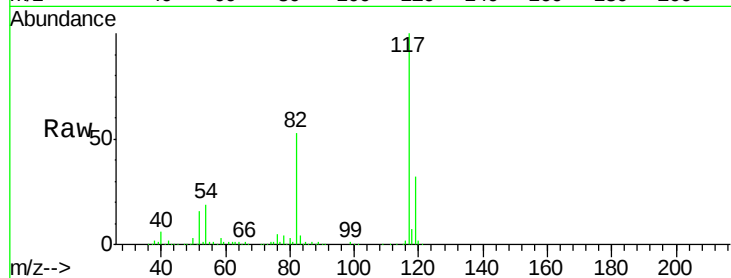
Tot Ion:117 Resp: 1311624

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

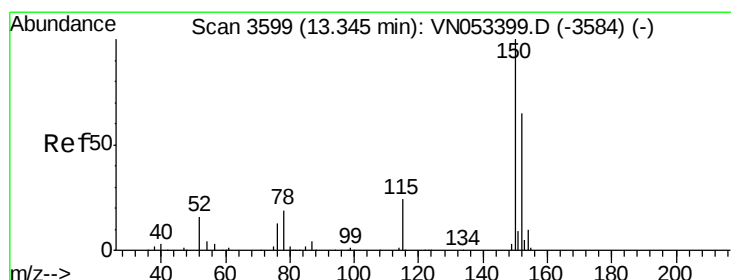
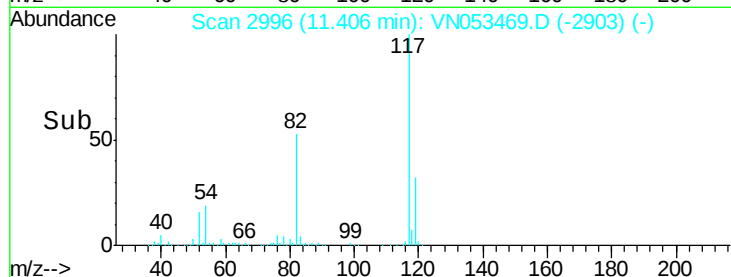
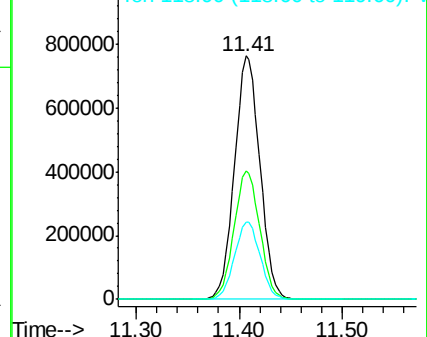
119 31.8 26.0 39.0



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: VN053469.D

Acq: 18 Jan 2019 13:54

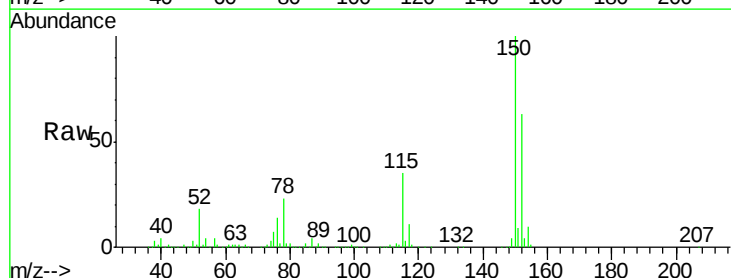
Tgt Ion:152 Resp: 567408

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

150 157.8 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

