

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053348.D
 Acq On : 10 Jan 2019 18:35
 Operator : MD\SY
 Sample : I.BLK
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: Jan 11 06:39:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1106691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1717743	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1552906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610472	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	554098	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	7.59	113	492147	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
50) Toluene-d8	10.09	98	2109005	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
62) 4-Bromofluorobenzene	12.40	95	689721	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	

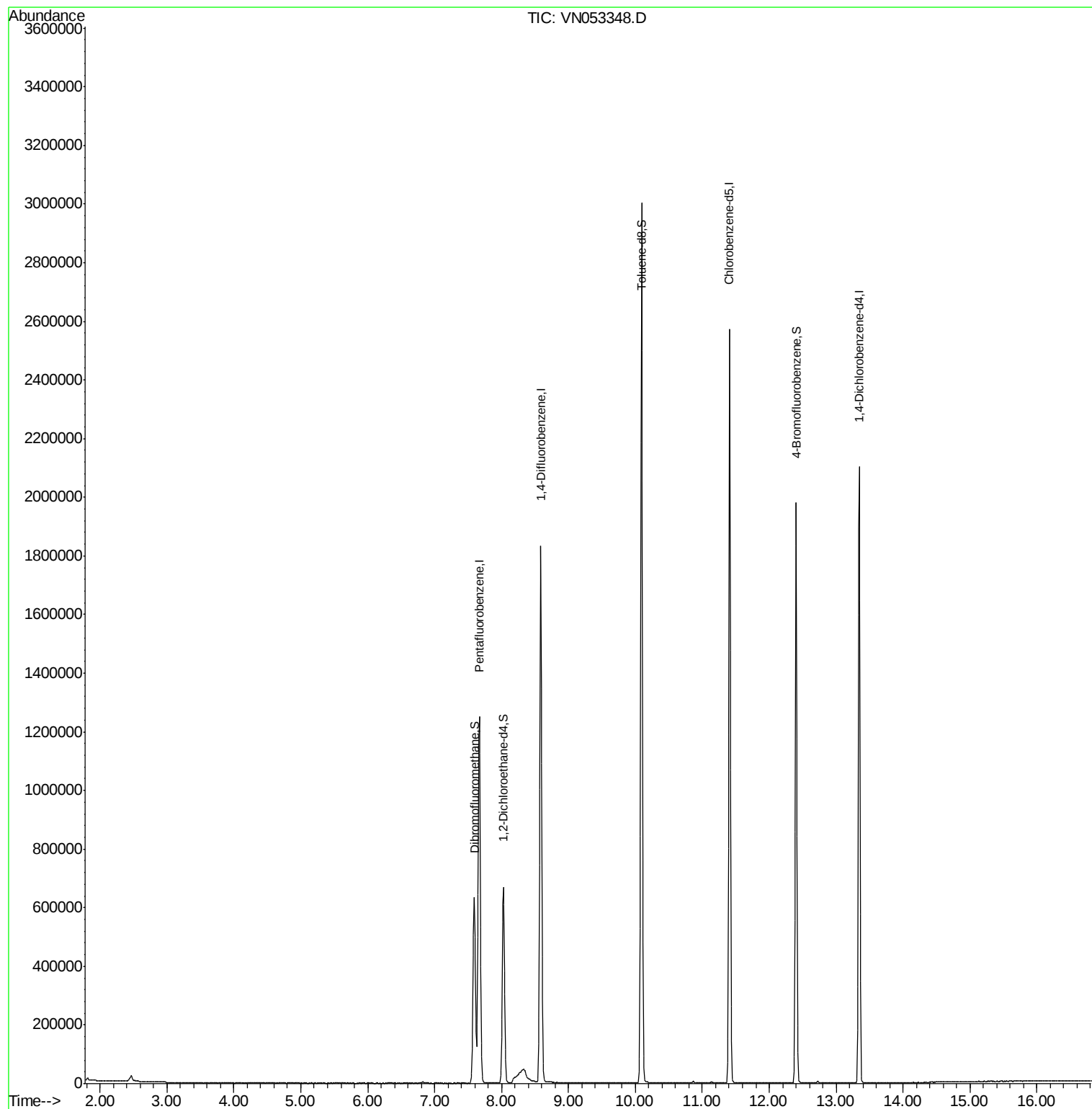
Target Compounds	Qvalue
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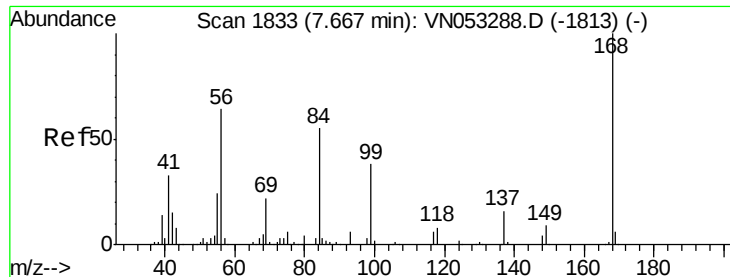
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

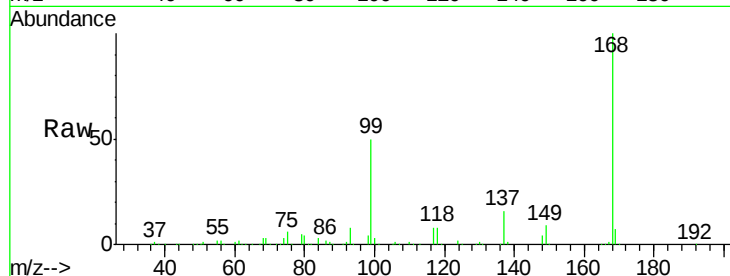
I.BLK

Tot Ion:168 Resp: 1106691

Ion Ratio Lower Upper

168 100

99 49.9 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

500000

400000

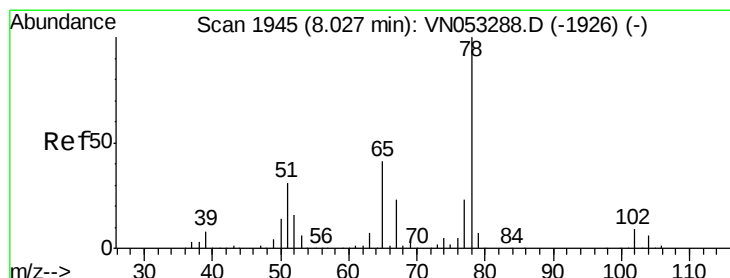
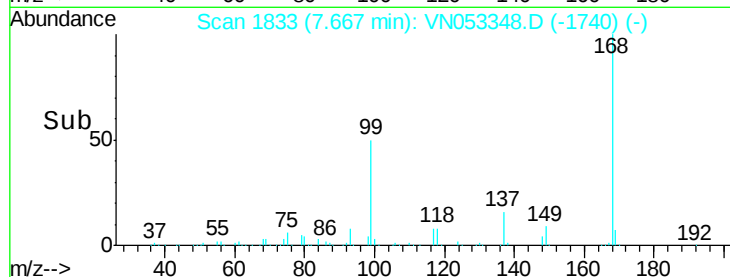
300000

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: VN053348.D

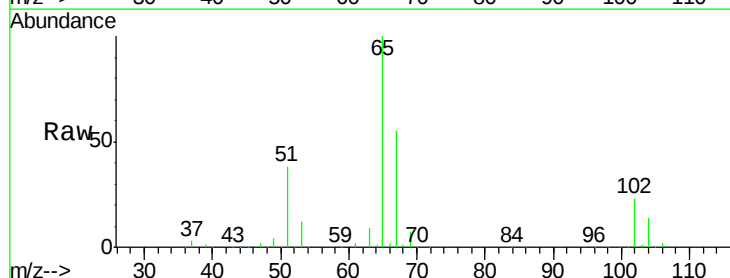
Acq: 10 Jan 2019 18:35

Tgt Ion: 65 Resp: 554098

Ion Ratio Lower Upper

65 100

67 54.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

250000

200000

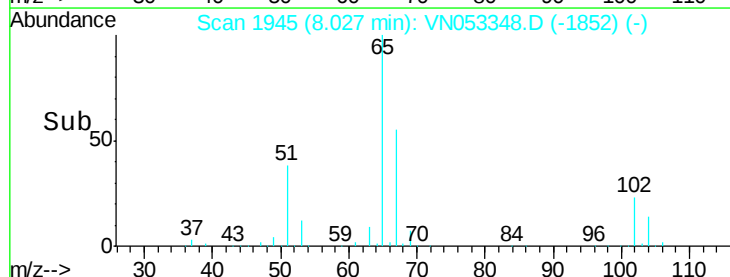
150000

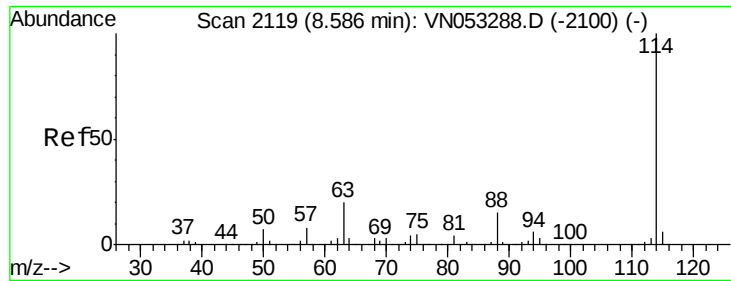
100000

50000

0

Time-->

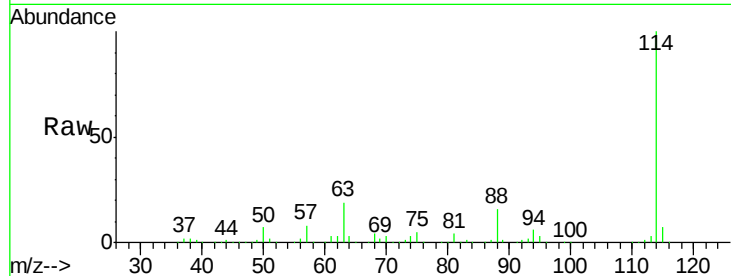




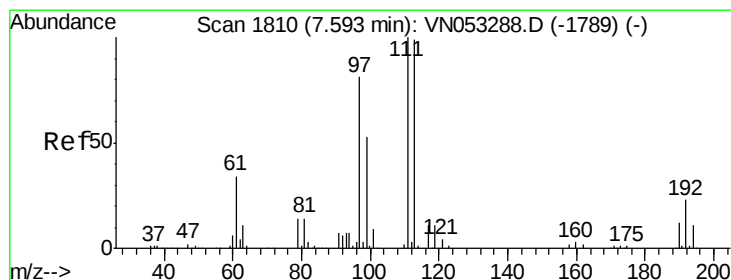
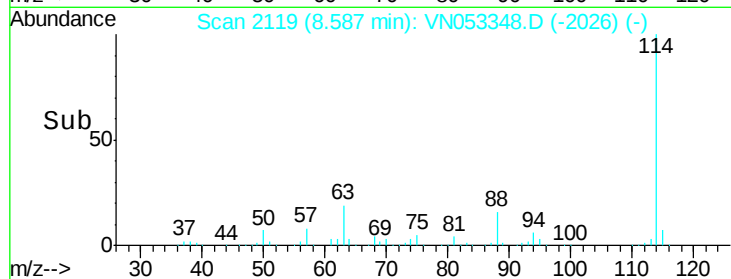
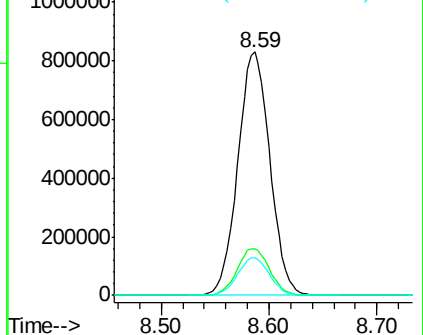
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Instrument :
 MSVOA_N
 ClientSampled :
 I.BLK

Tot Ion:114 Resp: 1717743
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.0
 88 15.6 0.0 30.8

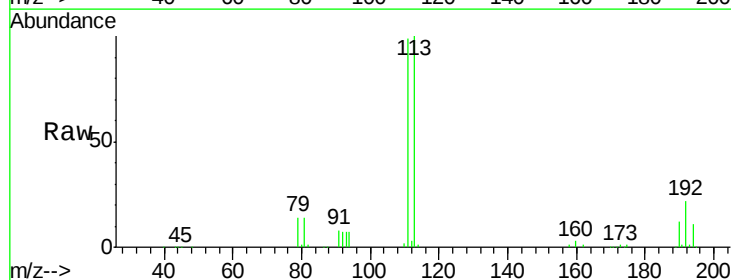


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

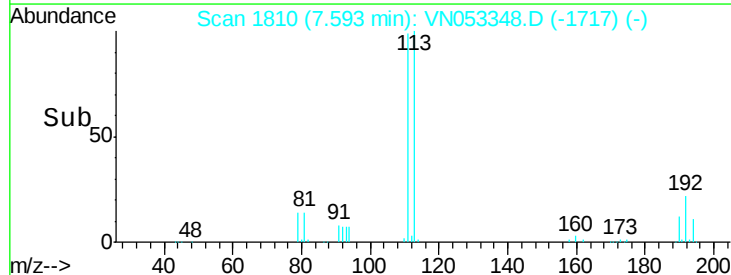
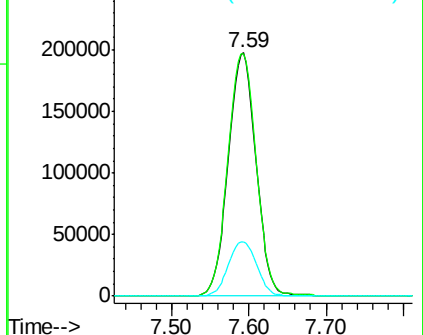


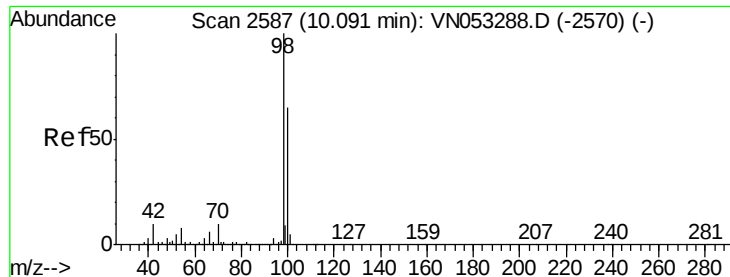
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053348.D
 Acq: 10 Jan 2019 18:35

Tgt Ion:113 Resp: 492147
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.2
 192 22.8 17.9 26.9



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: VN053348.D

Acq: 10 Jan 2019 18:35

Instrument :

MSVOA_N

ClientSampleId :

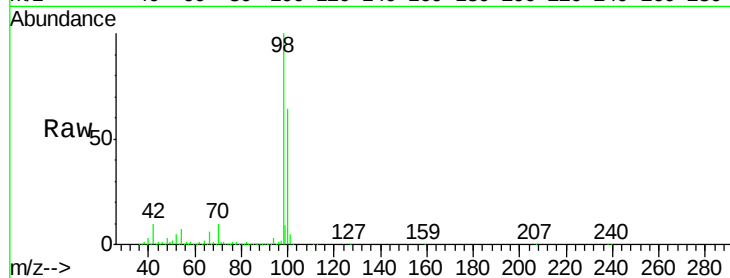
I.BLK

Tot Ion: 98 Resp: 2109005

Ion Ratio Lower Upper

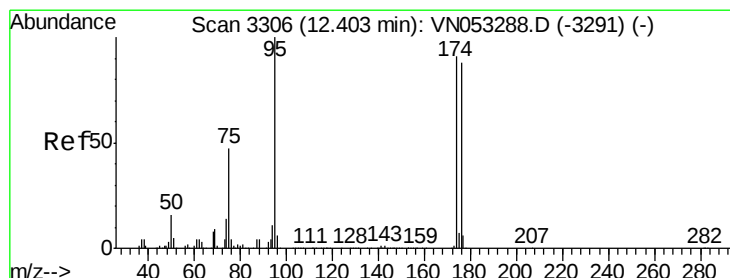
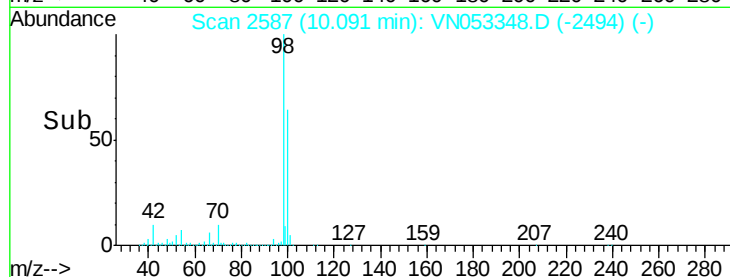
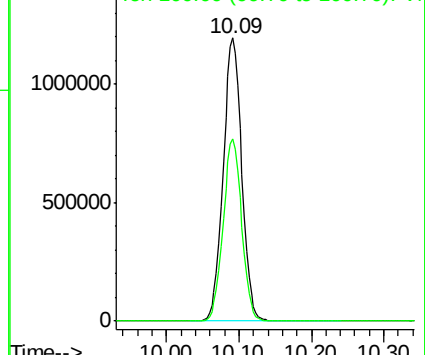
98 100

100 64.4 51.5 77.3



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: VN053348.D

Acq: 10 Jan 2019 18:35

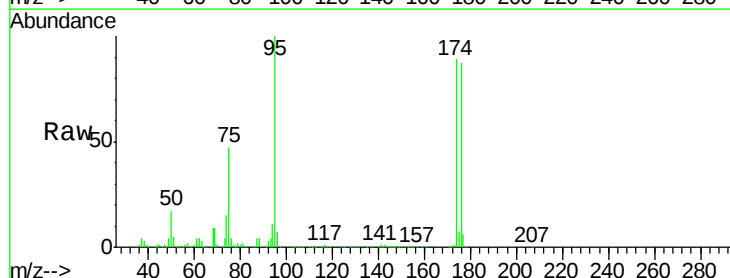
Tgt Ion: 95 Resp: 689721

Ion Ratio Lower Upper

95 100

174 90.8 0.0 180.4

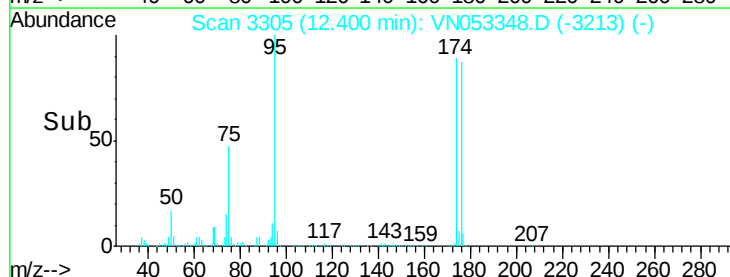
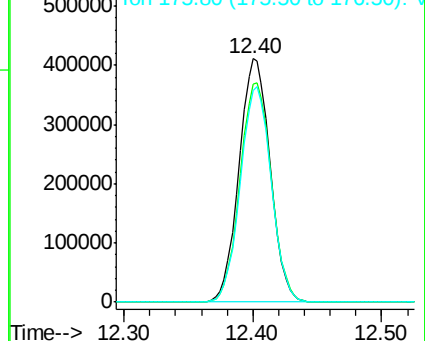
176 87.9 0.0 175.6

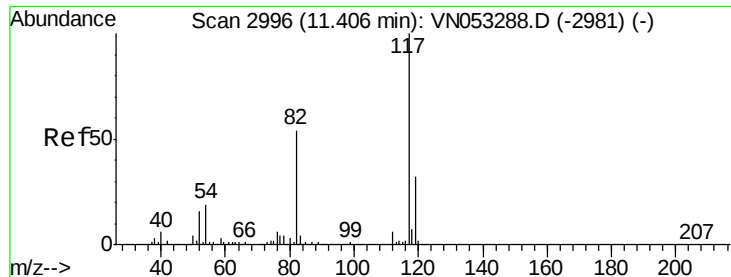


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

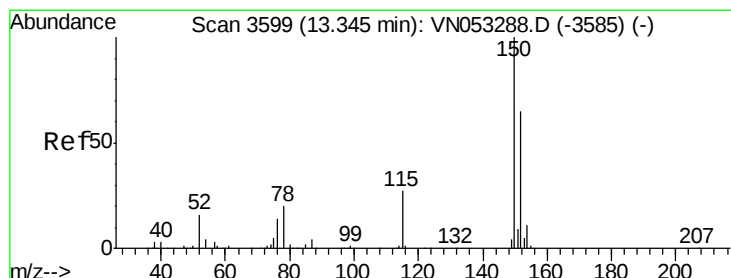
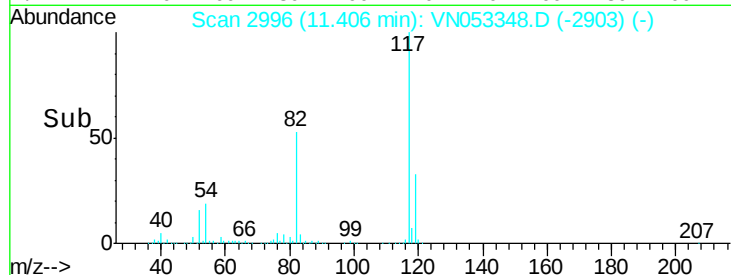
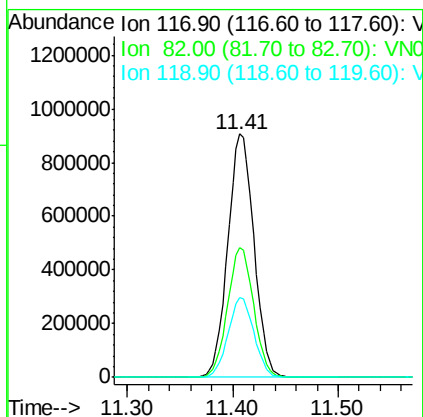
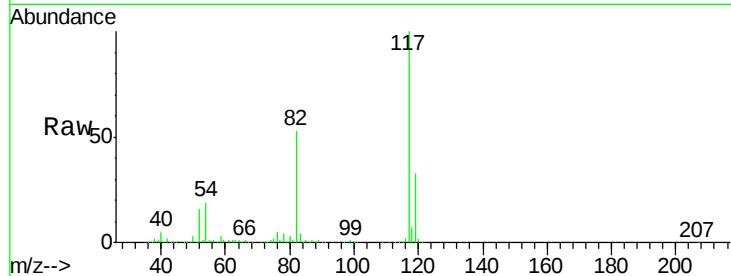




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053348.D
Acq: 10 Jan 2019 18:35

Instrument :
MSVOA_N
ClientSampleId :
I.BLK

Tot Ion:117 Resp: 1552906
Ion Ratio Lower Upper
117 100
82 53.3 42.9 64.3
119 32.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053348.D
Acq: 10 Jan 2019 18:35

Tgt Ion:152 Resp: 610472
Ion Ratio Lower Upper
152 100
115 55.6 28.0 84.0
150 156.2 0.0 346.6

