

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
 Data File : VN054260.D
 Acq On : 14 Mar 2019 14:28
 Operator : JC/SP
 Sample : K1887-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 15 07:28:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1361201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2230434	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2315371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	1005957	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	728840	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	7.59	113	696048	48.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.78%	
50) Toluene-d8	10.09	98	2769576	52.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.26%	
62) 4-Bromofluorobenzene	12.40	95	1052923	56.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.28%	

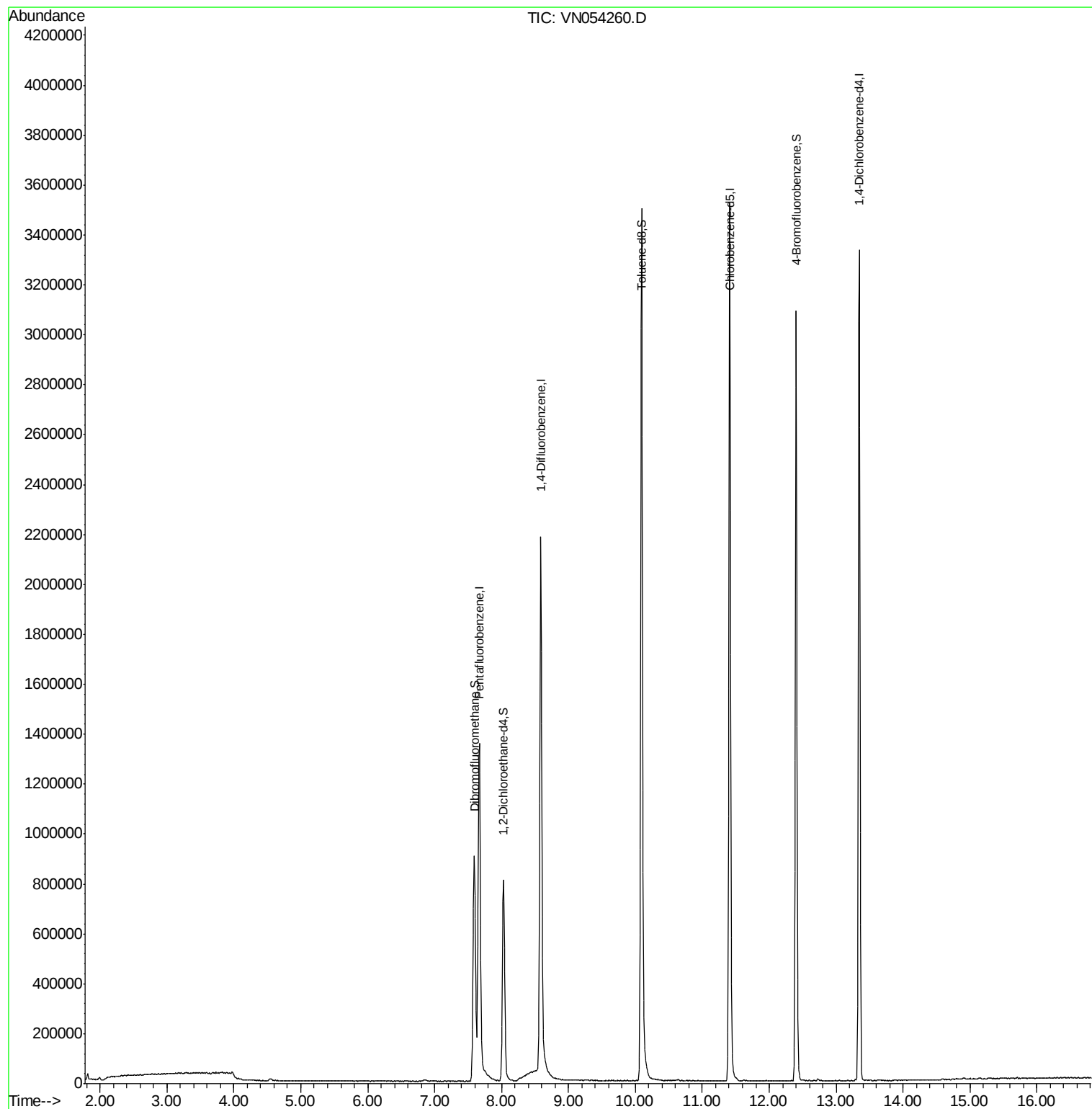
Target Compounds	Qvalue

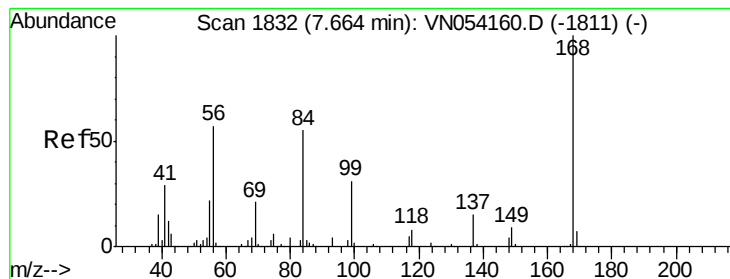
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN031419\
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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: VN054260.D

Acq: 14 Mar 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

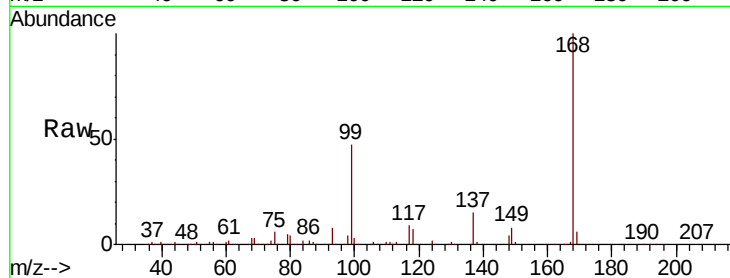
TRIP-BLANK

Tgt Ion:168 Resp: 1361201

Ion Ratio Lower Upper

168 100

99 47.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

600000

500000

400000

300000

200000

100000

0

7.67

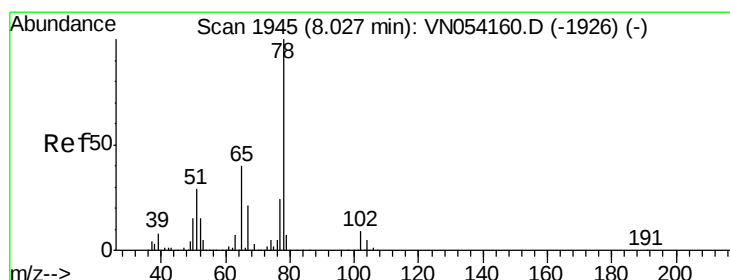
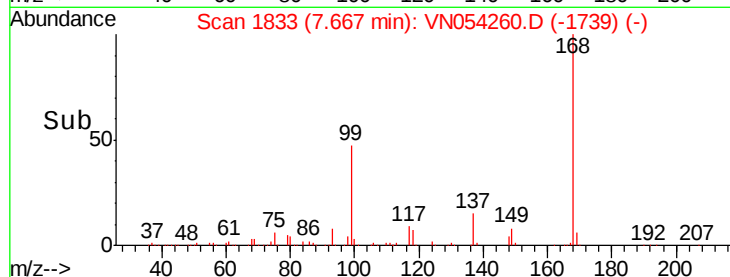
7.60

7.70

7.80

8.00

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.418 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054260.D

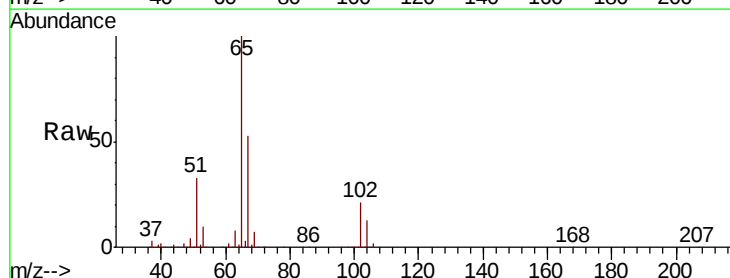
Acq: 14 Mar 2019 14:28

Tgt Ion: 65 Resp: 728840

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

300000

200000

100000

0

8.03

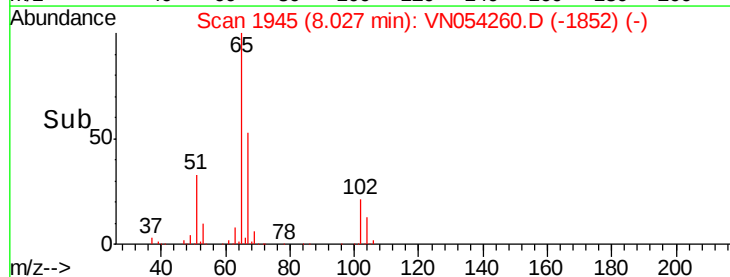
7.90

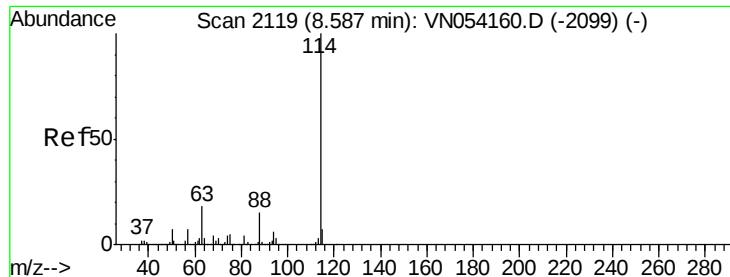
8.00

8.10

8.20

Time-->

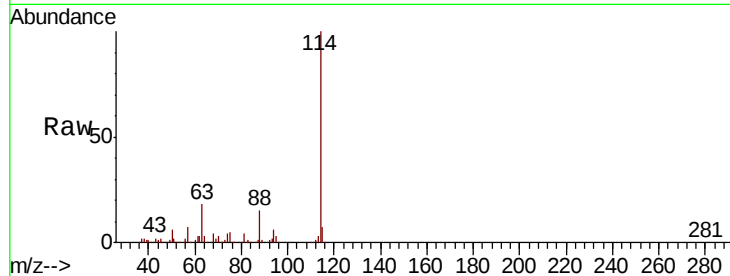




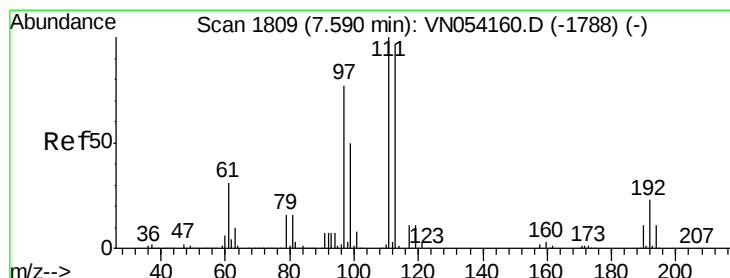
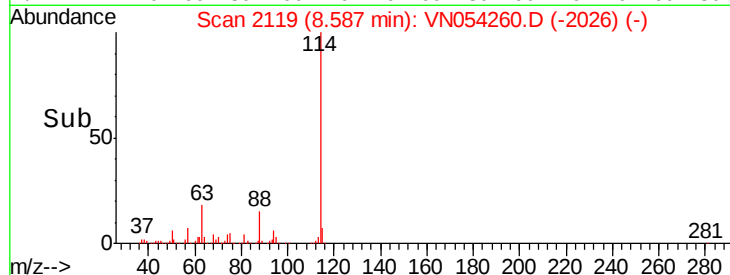
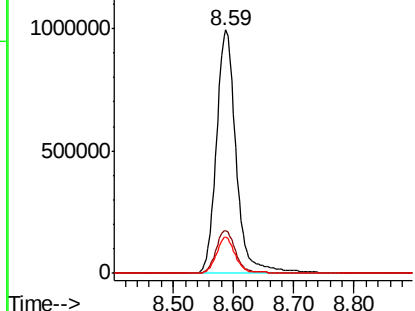
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054260.D
 Acq: 14 Mar 2019 14:28

Instrument :
 MSVOA_N
 ClientSampled :
 TRIP-BLANK

Tgt Ion:114 Resp: 2230434
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.2
 88 14.8 0.0 30.2

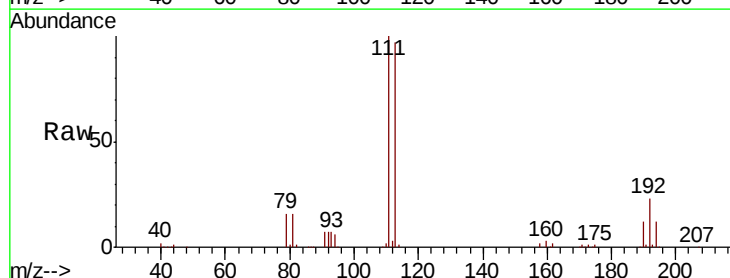


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

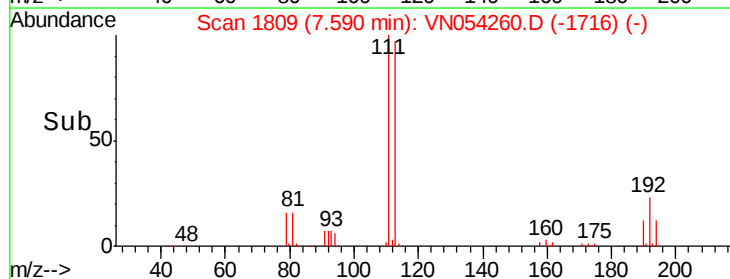
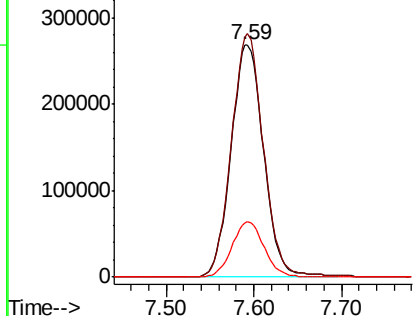


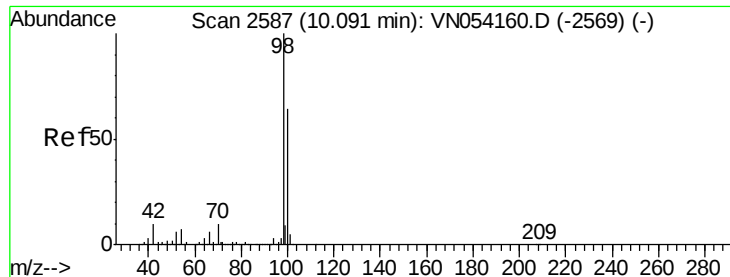
#35
 Dibromofluoromethane
 Concen: 48.386 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054260.D
 Acq: 14 Mar 2019 14:28

Tgt Ion:113 Resp: 696048
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.2 123.4
 192 23.5 19.2 28.8



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: 52.131 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054260.D

Acq: 14 Mar 2019 14:28

Instrument :

MSVOA_N

ClientSampleId :

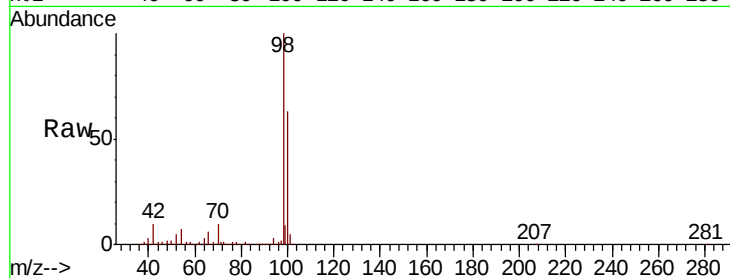
TRIP-BLANK

Tgt Ion: 98 Resp: 2769576

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

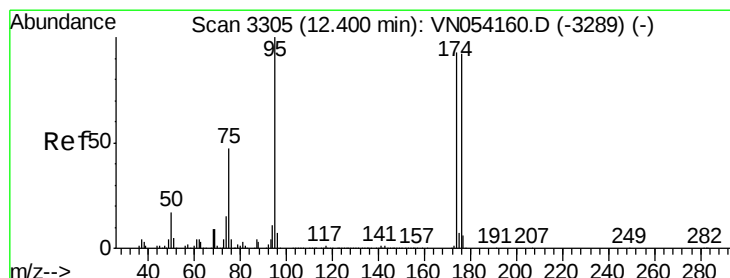
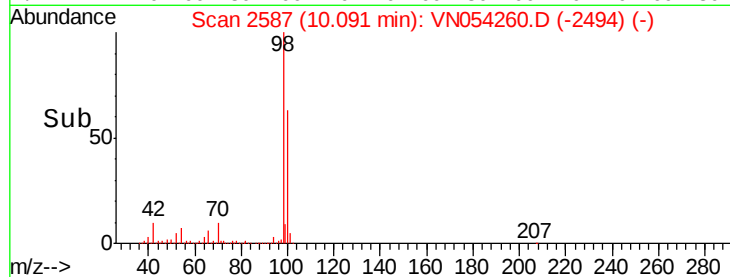
1500000

1000000

500000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 56.641 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054260.D

Acq: 14 Mar 2019 14:28

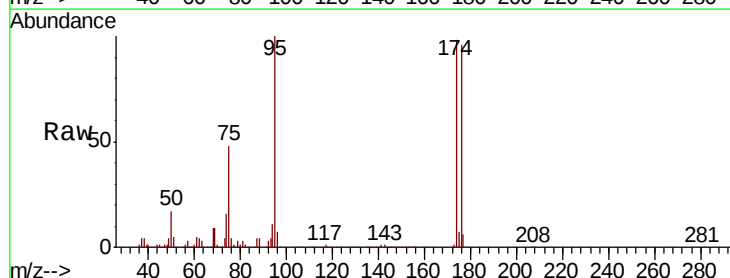
Tgt Ion: 95 Resp: 1052923

Ion Ratio Lower Upper

95 100

174 98.1 0.0 191.0

176 95.0 0.0 187.4



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

800000

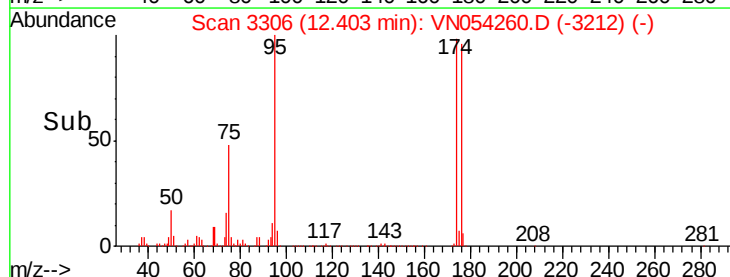
600000

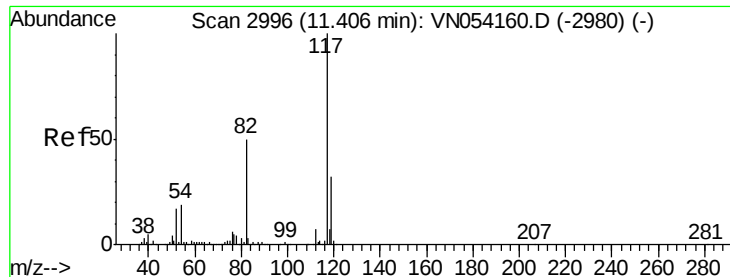
400000

200000

0

Time-->

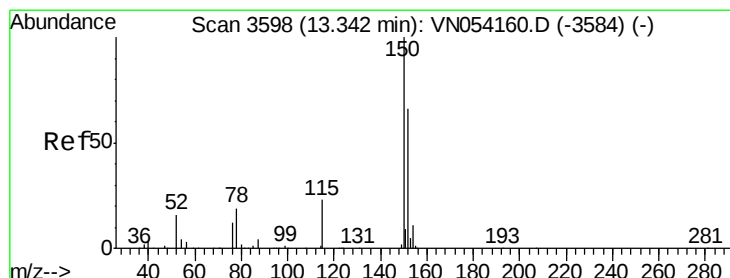
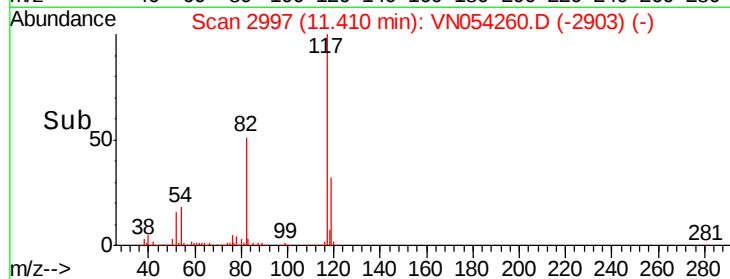
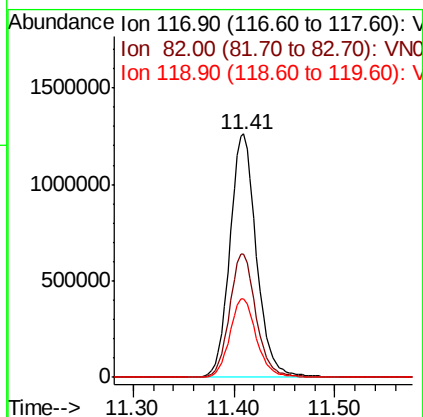
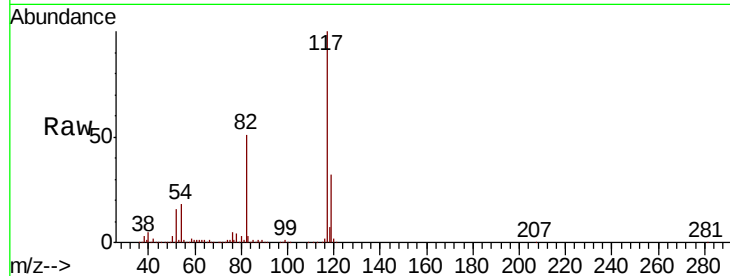




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054260.D
Acq: 14 Mar 2019 14:28

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 2315371
Ion Ratio Lower Upper
117 100
82 50.5 40.0 60.0
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054260.D
Acq: 14 Mar 2019 14:28

Tgt Ion:152 Resp: 1005957
Ion Ratio Lower Upper
152 100
115 55.2 27.2 81.6
150 156.2 0.0 349.2

