

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055350.D
 Acq On : 2 May 2019 15:29
 Operator : JC/SP
 Sample : I.BLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

Quant Time: May 03 04:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 Response via : Initial Calibration

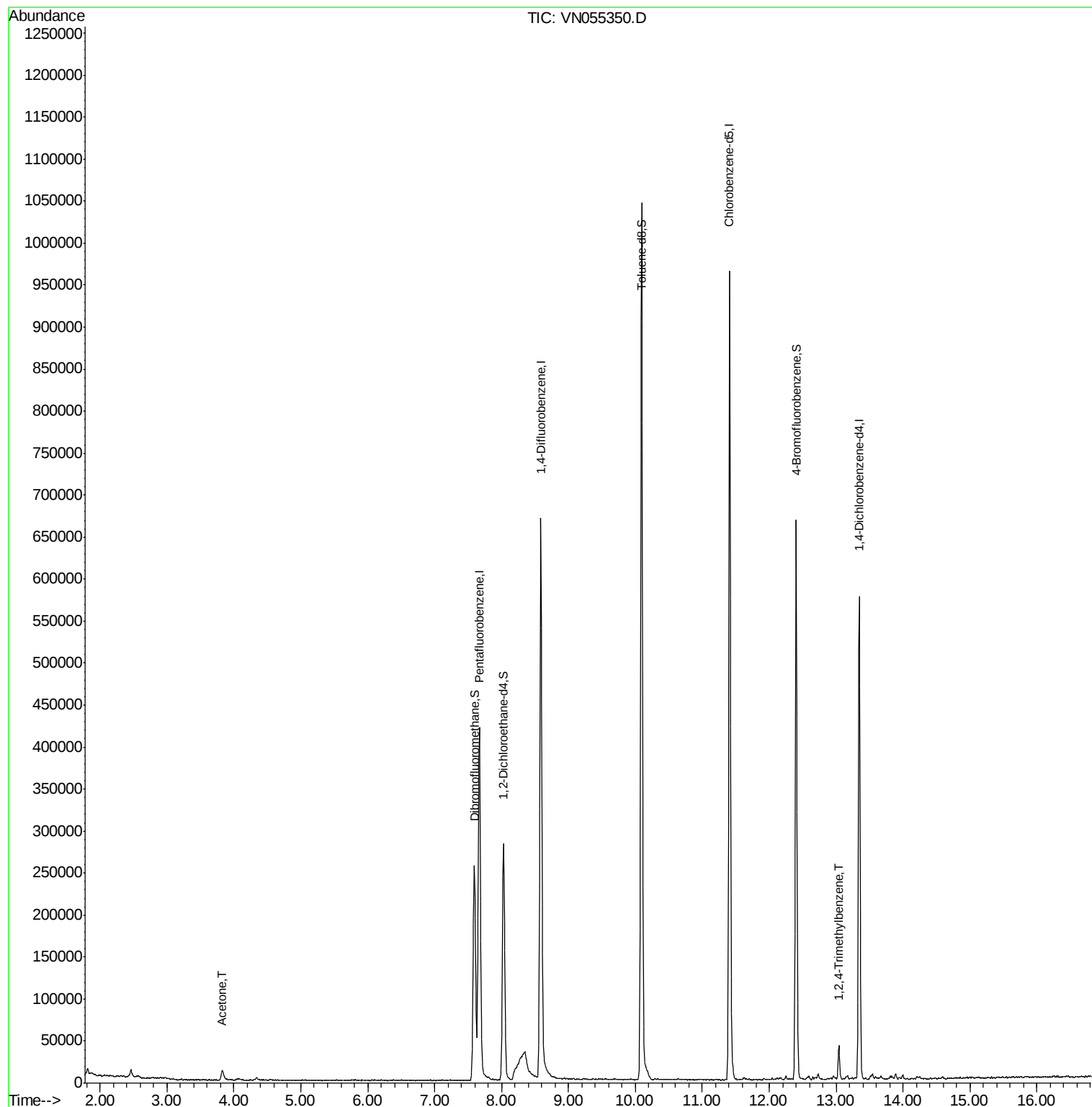
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	352027	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	610303	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	542725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	154525	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	246220	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
35) Dibromofluoromethane	7.59	113	198000	49.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.09	98	743004	51.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.74%	
62) 4-Bromofluorobenzene	12.40	95	231722	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
Target Compounds						
16) Acetone	3.83	43	20064	13.982	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	21868	2.018	ug/l	99

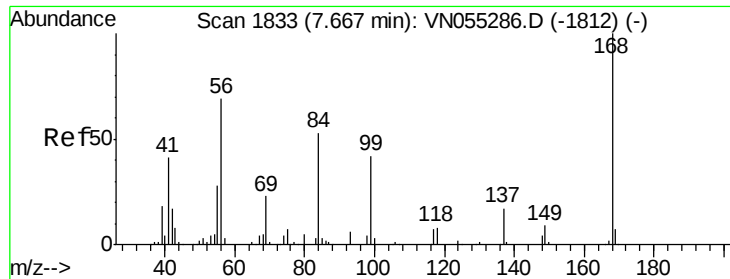
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
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MSVOA_N
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Quant Time: May 03 04:07:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055350.D

Acq: 2 May 2019 15:29

Instrument :

MSVOA_N

ClientSampled :

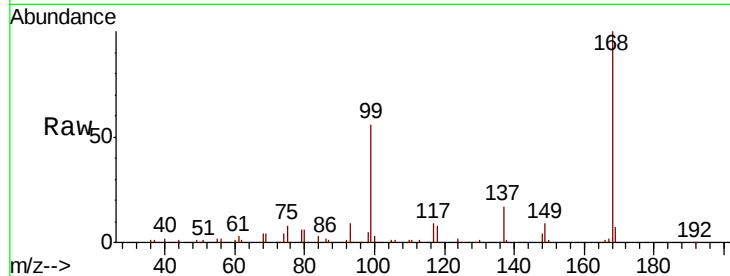
I.BLK

Tgt Ion:168 Resp: 352027

Ion Ratio Lower Upper

168 100

99 55.6 43.6 65.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

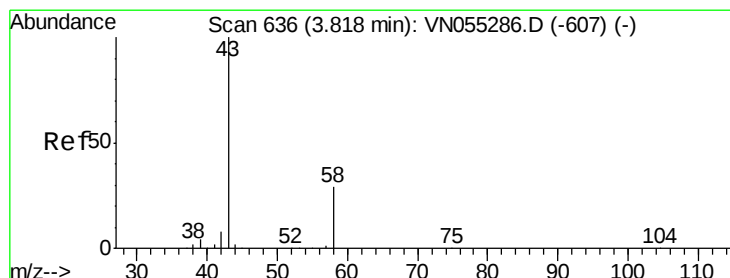
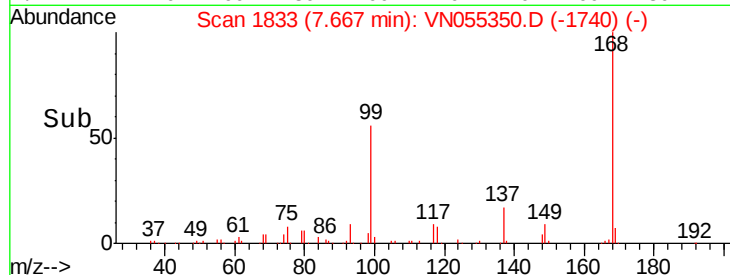
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 13.982 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.01 min

Lab File: VN055350.D

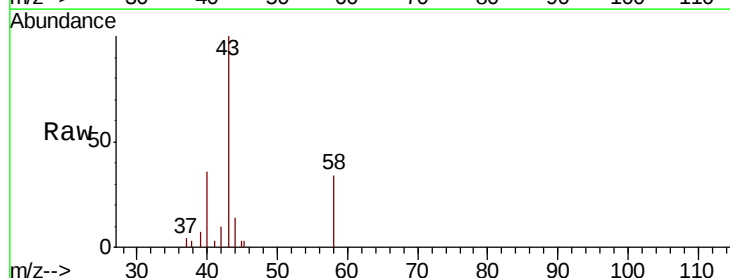
Acq: 2 May 2019 15:29

Tgt Ion: 43 Resp: 20064

Ion Ratio Lower Upper

43 100

58 34.4 23.6 35.4



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN

3.83

8000

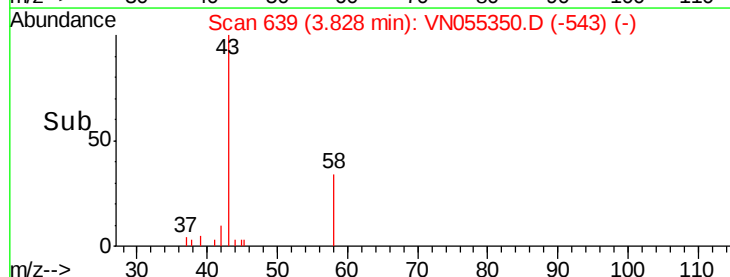
6000

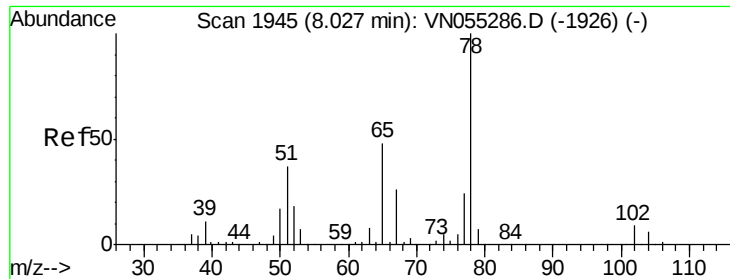
4000

2000

0

Time-->

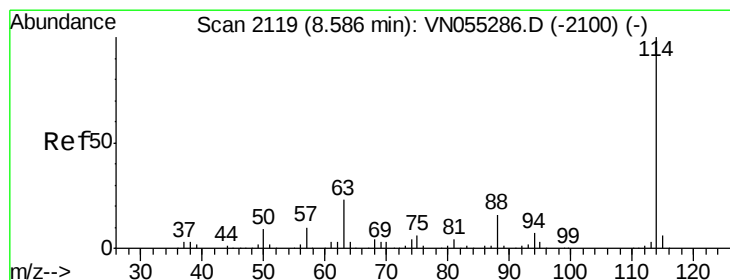
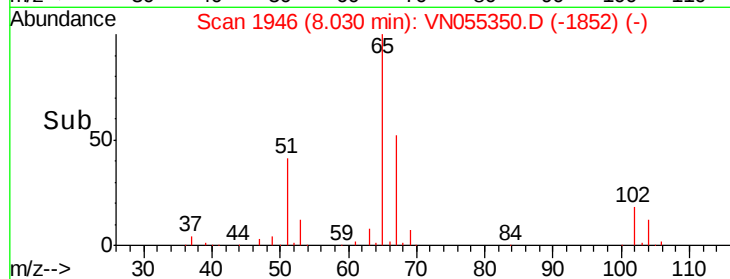
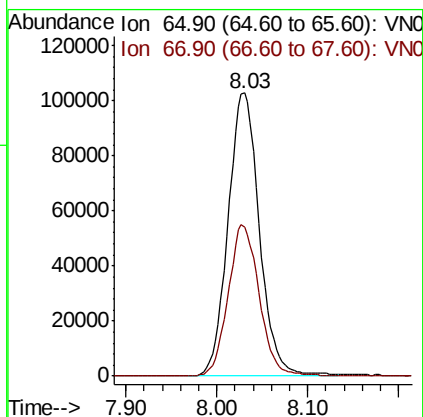
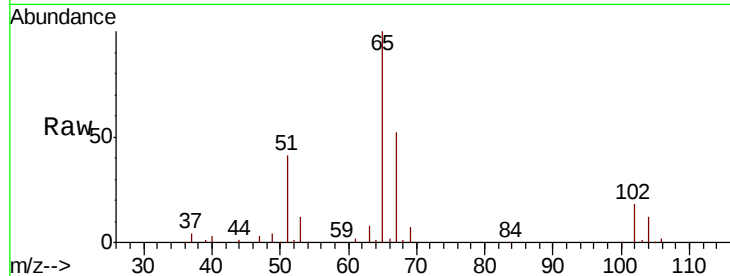




#33
 1,2-Dichloroethane-d4
 Concen: 53.464 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. 0.00 min
 Lab File: VN055350.D
 Acq: 2 May 2019 15:29

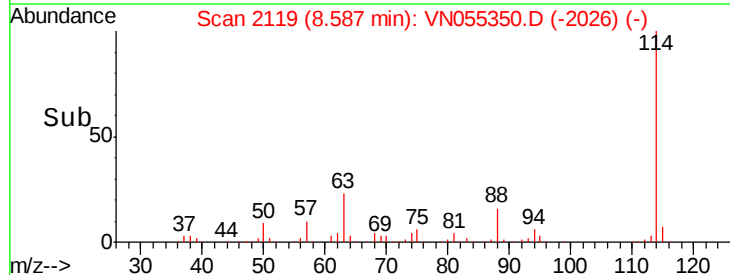
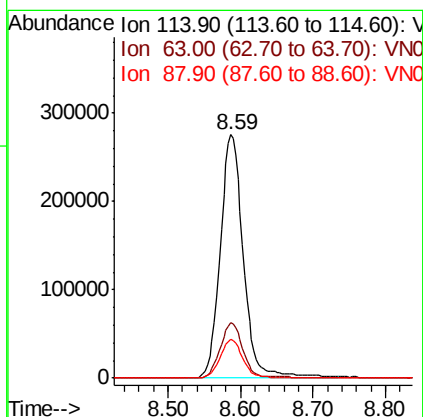
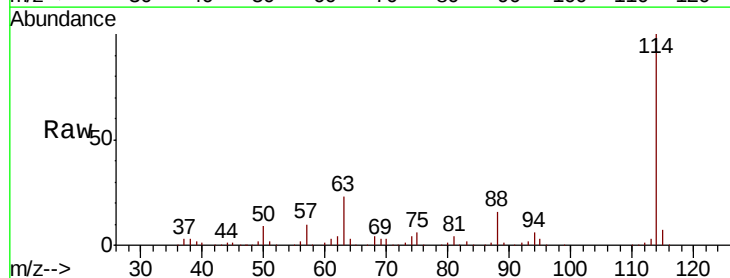
Instrument :
 MSVOA_N
 ClientSampleId :
 I.BLK

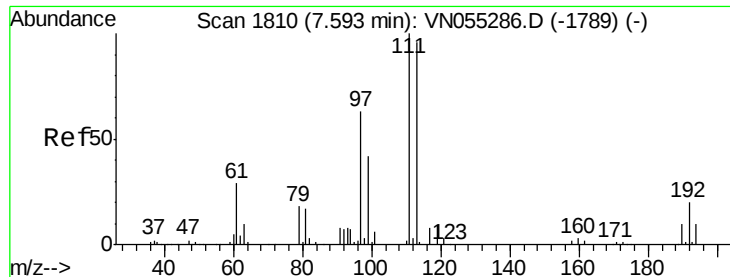
Tgt Ion: 65 Resp: 246220
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055350.D
 Acq: 2 May 2019 15:29

Tgt Ion: 114 Resp: 610303
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.2
 88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 49.428 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055350.D

Acq: 2 May 2019 15:29

Instrument :

MSVOA_N

ClientSampled :

I.BLK

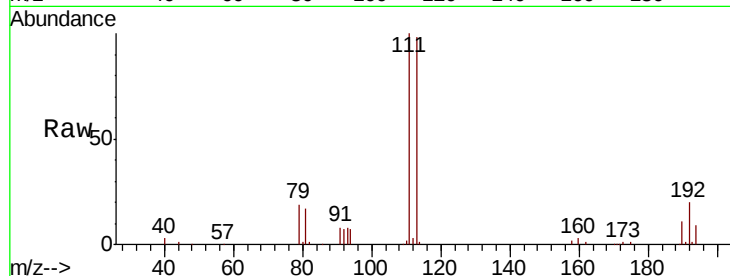
Tgt Ion:113 Resp: 198000

Ion Ratio Lower Upper

113 100

111 101.9 82.3 123.5

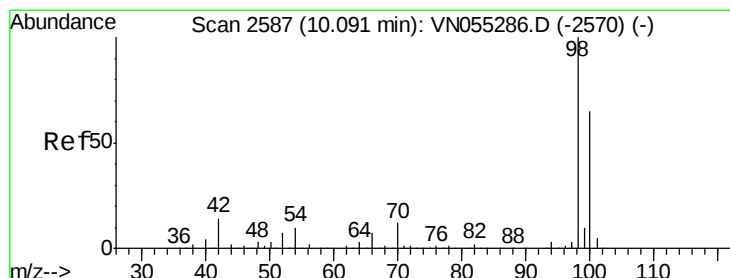
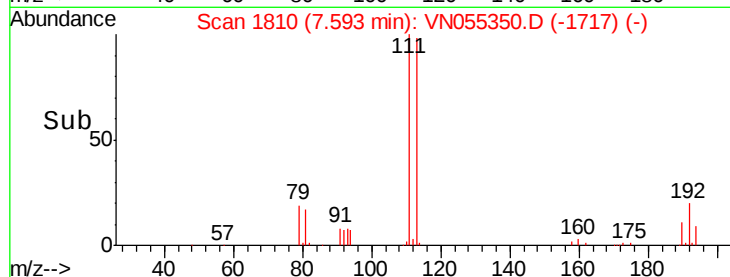
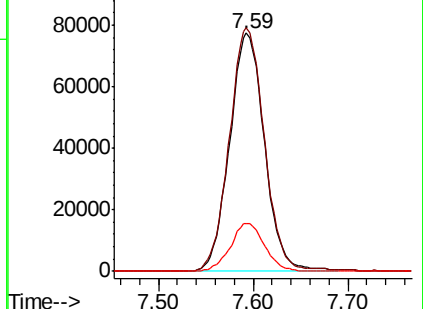
192 19.9 17.0 25.6



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: 51.367 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055350.D

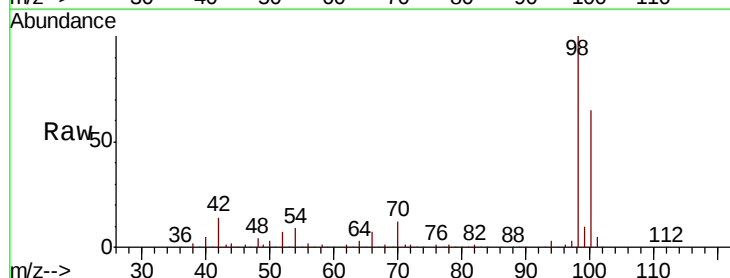
Acq: 2 May 2019 15:29

Tgt Ion: 98 Resp: 743004

Ion Ratio Lower Upper

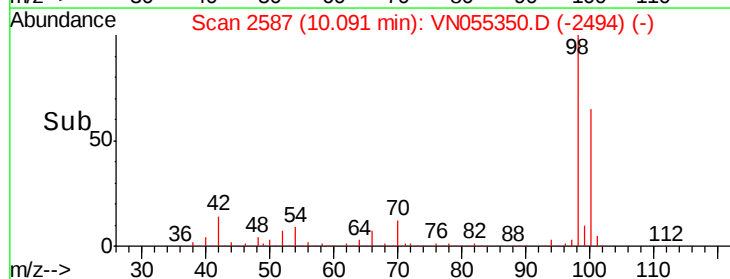
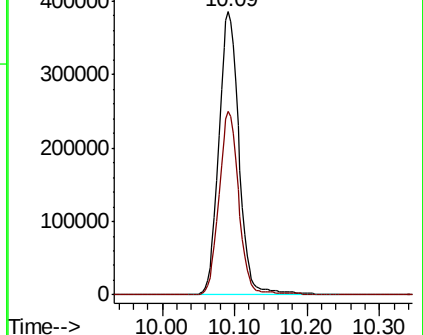
98 100

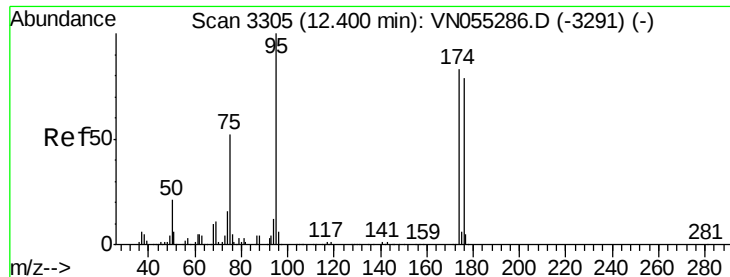
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 51.258 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055350.D

Acq: 2 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

I.BLK

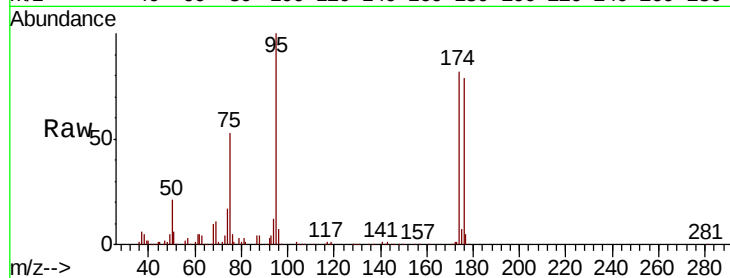
Tgt Ion: 95 Resp: 231722

Ion Ratio Lower Upper

95 100

174 82.0 0.0 166.6

176 78.0 0.0 157.8



Abundance Ion 94.90 (94.60 to 95.60): VN055286.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN055286.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN055286.D (-3291) (-)

12.40

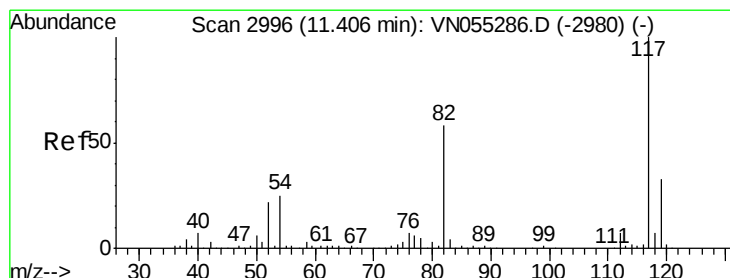
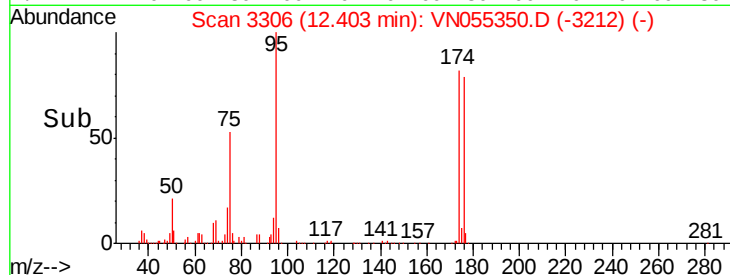
150000

100000

50000

0

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN055350.D

Acq: 2 May 2019 15:29

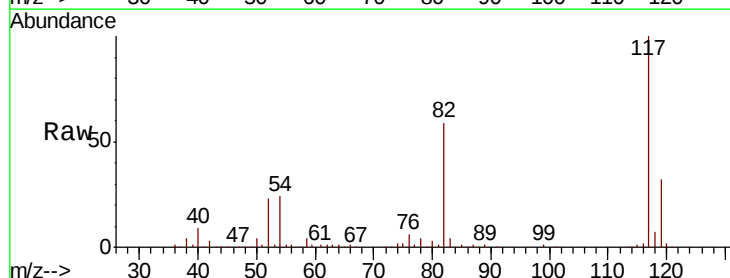
Tgt Ion: 117 Resp: 542725

Ion Ratio Lower Upper

117 100

82 58.5 46.2 69.4

119 31.7 26.6 40.0



Abundance Ion 116.90 (116.60 to 117.60): VN055286.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN055286.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN055286.D (-2980) (-)

11.41

400000

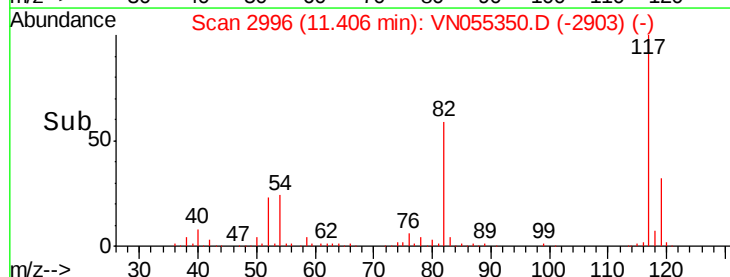
300000

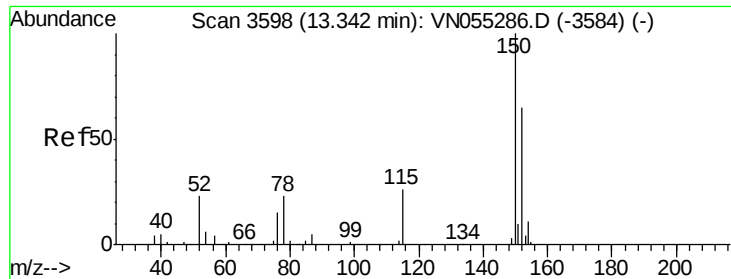
200000

100000

0

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN055350.D

Acq: 2 May 2019 15:29

Instrument :

MSVOA_N

ClientSampled :

I.BLK

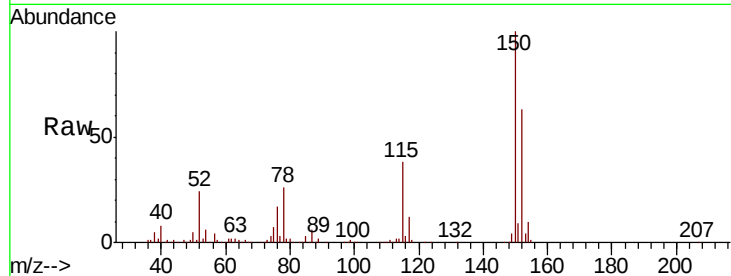
Tgt Ion:152 Resp: 154525

Ion Ratio Lower Upper

152 100

115 59.7 29.0 87.0

150 157.6 0.0 345.6

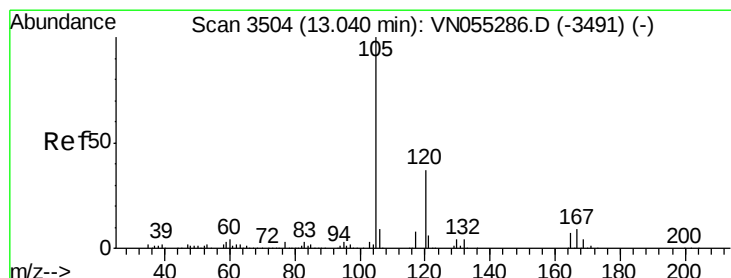
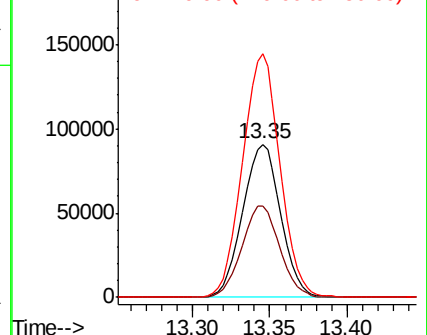
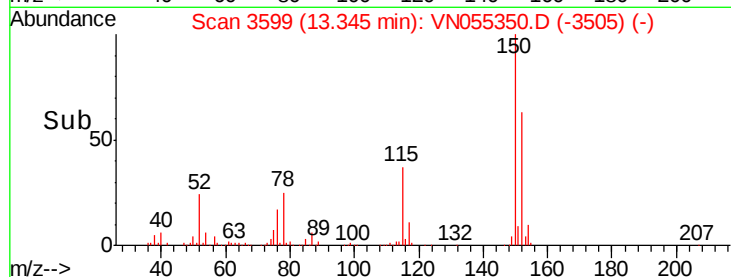


Abundance

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



#84

1,2,4-Trimethylbenzene

Concen: 2.018 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN055350.D

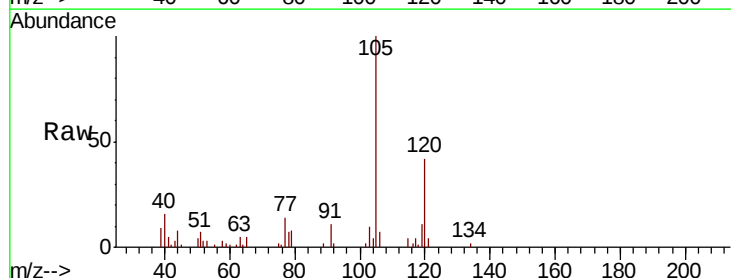
Acq: 2 May 2019 15:29

Tgt Ion:105 Resp: 21868

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.5



Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

