

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055692.D
 Acq On : 21 May 2019 00:44
 Operator : JC/SP
 Sample : K2951-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

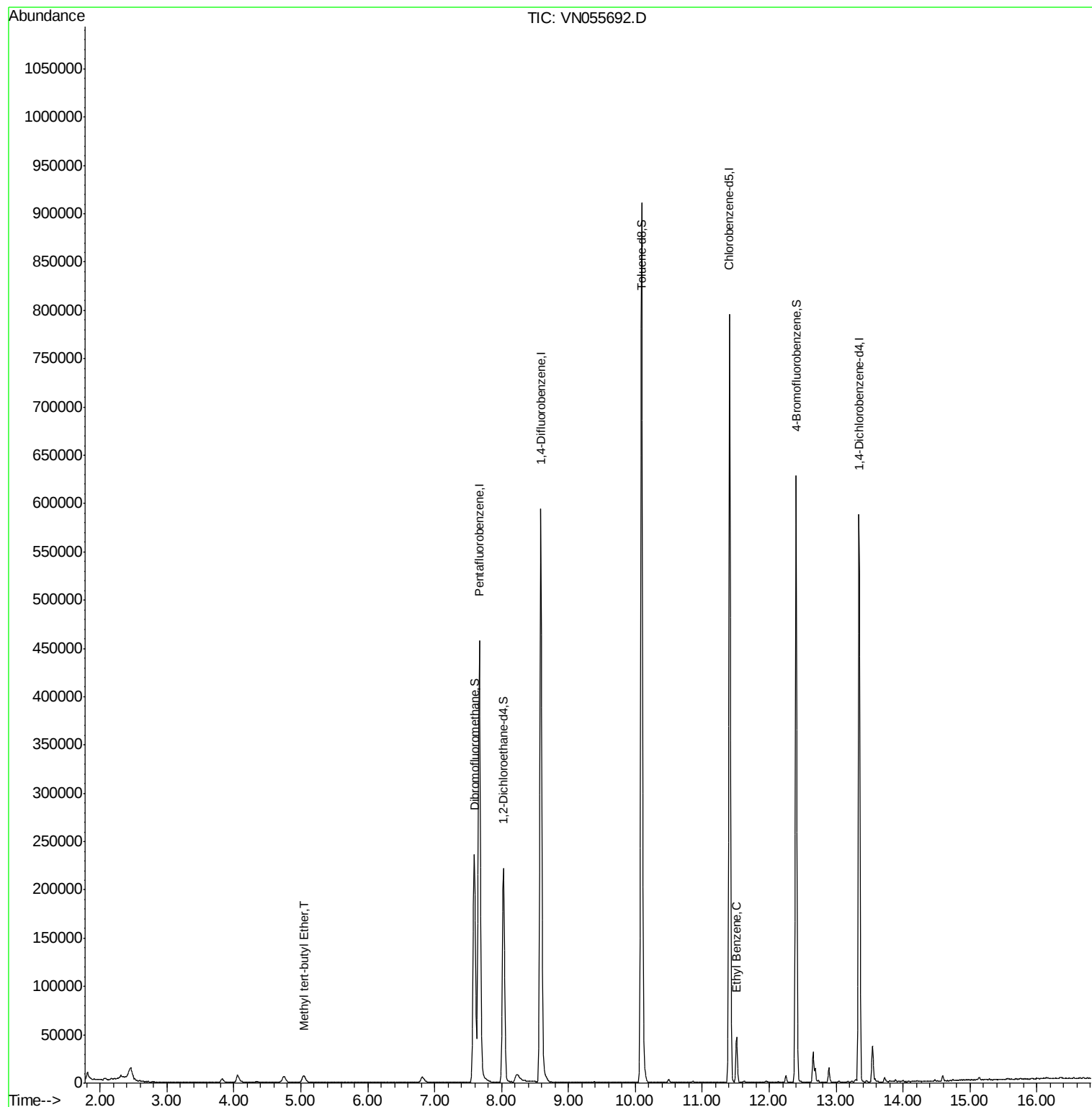
Quant Time: May 21 05:41:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

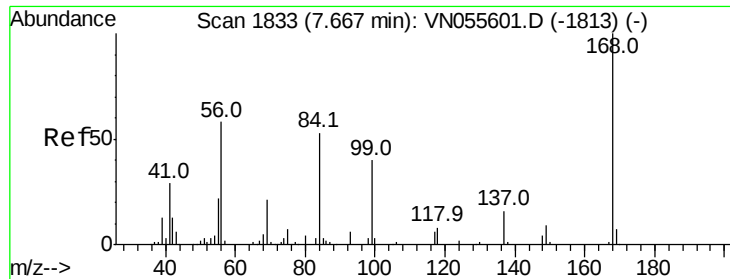
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	455050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	605160	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	512133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	181296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	189933	38.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.16%	
35) Dibromofluoromethane	7.59	113	184223	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
50) Toluene-d8	10.09	98	693038	47.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.36%	
62) 4-Bromofluorobenzene	12.40	95	209948	41.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.66%	
Target Compounds						
19) Methyl tert-butyl Ether	5.05	73	13749	1.000	ug/l	97
67) Ethyl Benzene	11.51	91	36057	1.954	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN052019\
Data File : VN055692.D
Acq On : 21 May 2019 00:44
Operator : JC/SP
Sample : K2951-15
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: May 21 05:41:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 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: VN055692.D

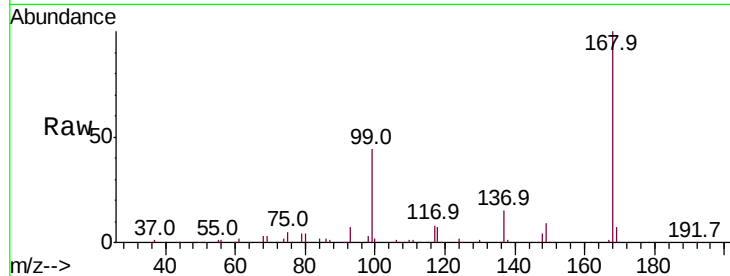
Acq: 21 May 2019 00:44

Tot Ion:168 Resp: 455050

Ion Ratio Lower Upper

168 100

99 44.0 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

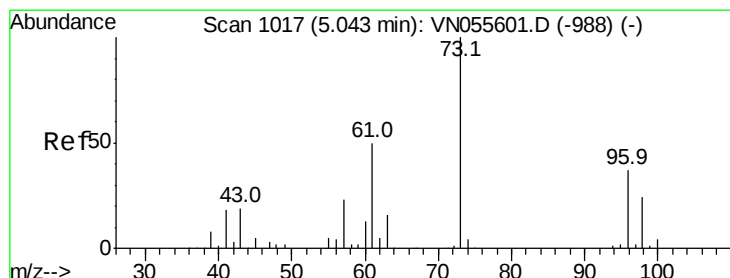
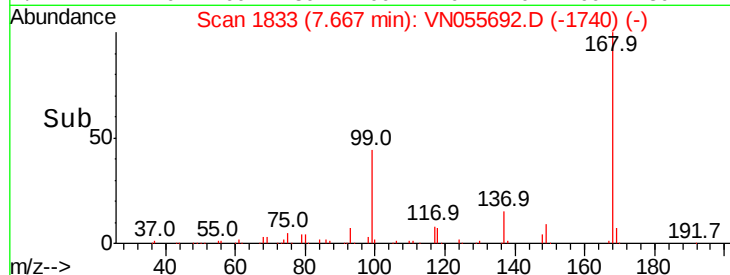
100000

50000

0

Time-->

7.50 7.60 7.70 7.80 7.90



#19

Methyl tert-butyl Ether

Concen: 1.000 ug/l

RT: 5.05 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VN055692.D

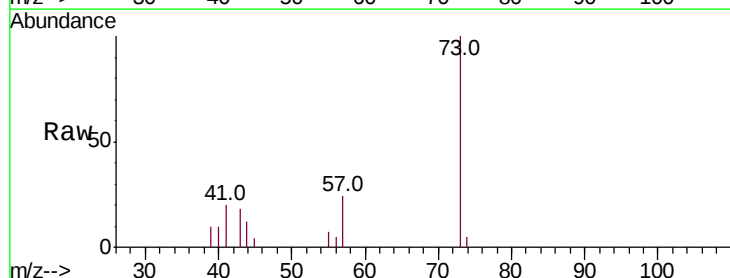
Acq: 21 May 2019 00:44

Tgt Ion: 73 Resp: 13749

Ion Ratio Lower Upper

73 100

57 24.0 18.2 27.2



Abundance Ion 73.00 (72.70 to 73.70): VN

Ion 57.00 (56.70 to 57.70): VN

5.05

4000

3000

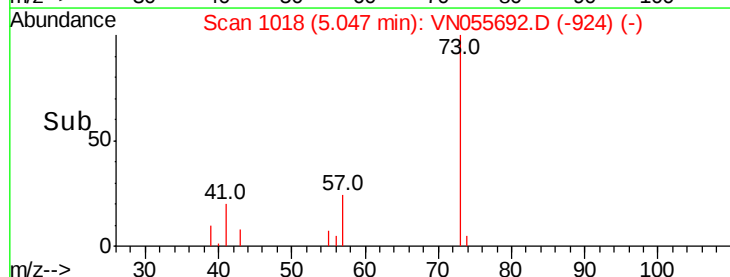
2000

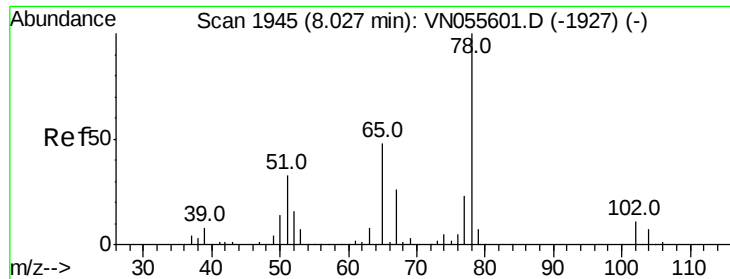
1000

0

Time-->

5.00 5.10





#33

1,2-Dichloroethane-d4

Concen: 38.076 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055692.D

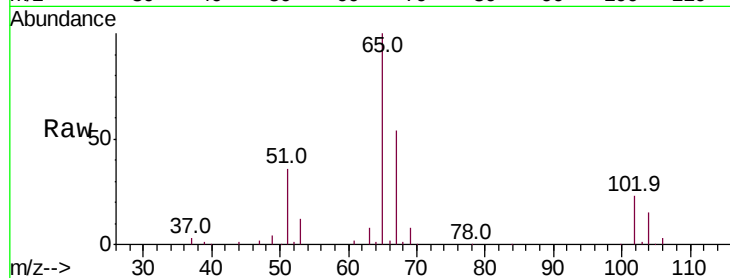
Acq: 21 May 2019 00:44

Tot Ion: 65 Resp: 189933

Ion Ratio Lower Upper

65 100

67 53.8 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

80000

60000

40000

20000

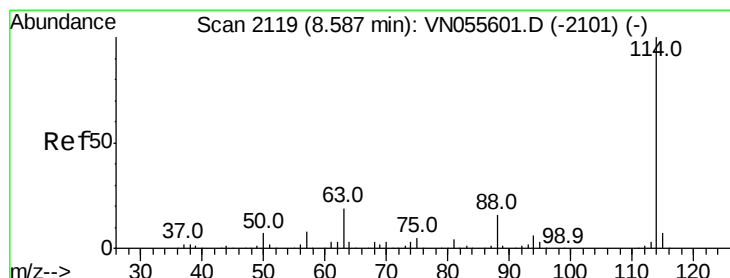
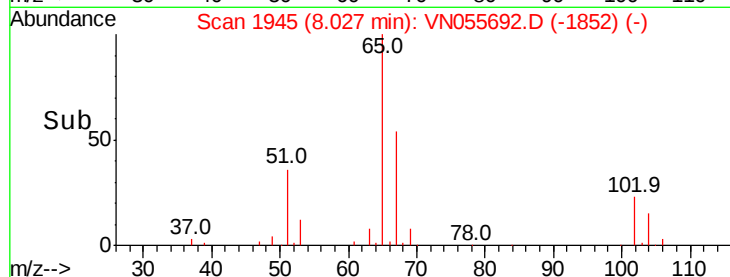
0

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: VN055692.D

Acq: 21 May 2019 00:44

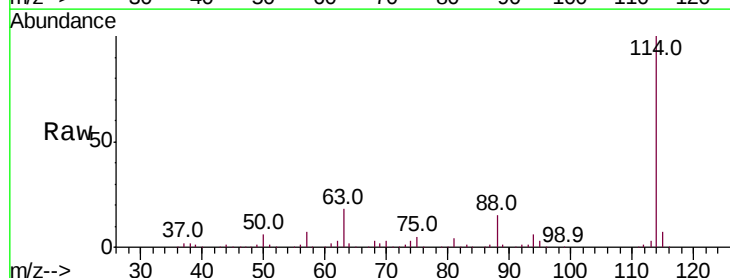
Tgt Ion: 114 Resp: 605160

Ion Ratio Lower Upper

114 100

63 17.6 0.0 38.2

88 14.7 0.0 31.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

8.59

300000

200000

100000

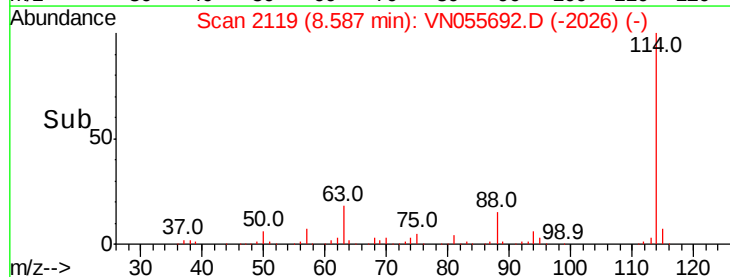
0

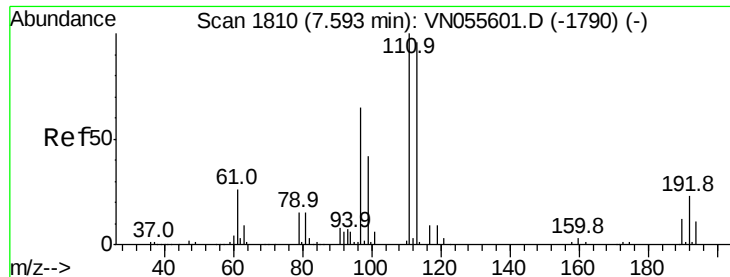
8.50

8.60

8.70

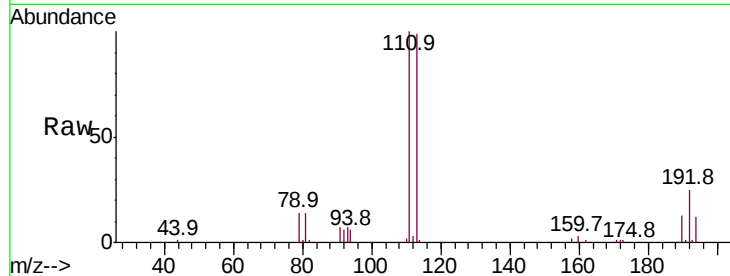
Time-->





#35
 Dibromofluoromethane
 Concen: 47.922 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN055692.D
 Acq: 21 May 2019 00:44

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.5	123.7
192	25.1	18.7	28.1

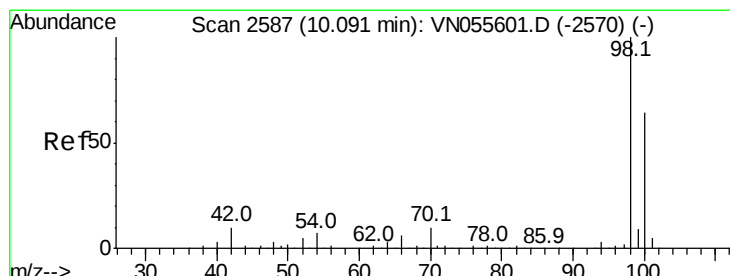
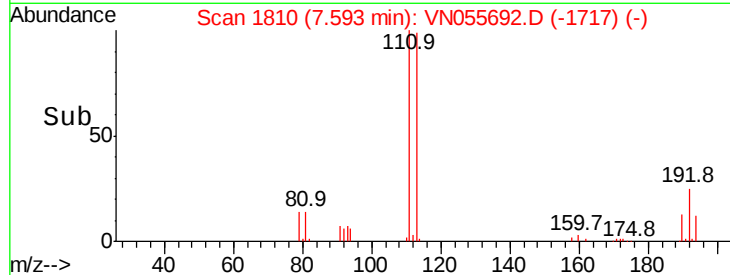
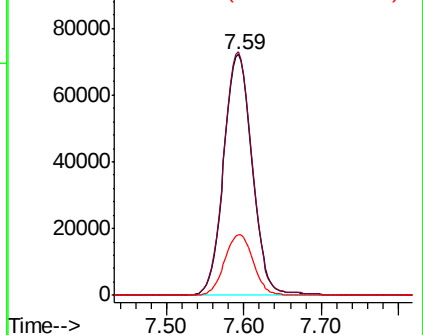


Abundance

Ion 112.80 (112.50 to 113.50): V

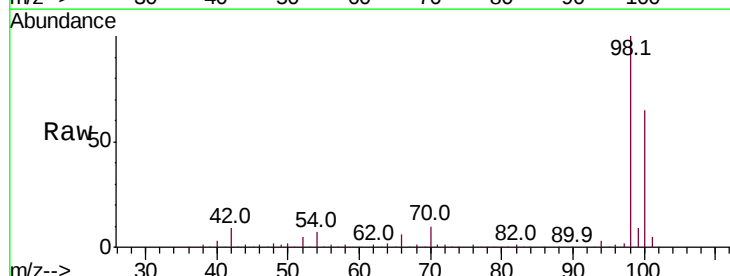
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50
 Toluene-d8
 Concen: 47.679 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. -0.00 min
 Lab File: VN055692.D
 Acq: 21 May 2019 00:44

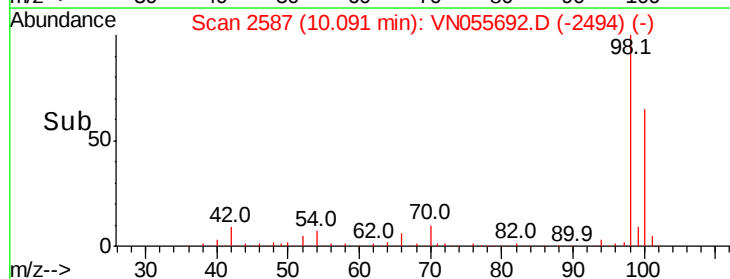
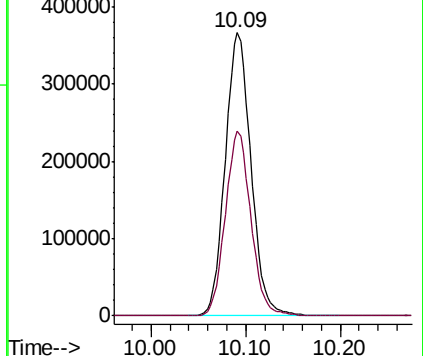
Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	51.9	77.9

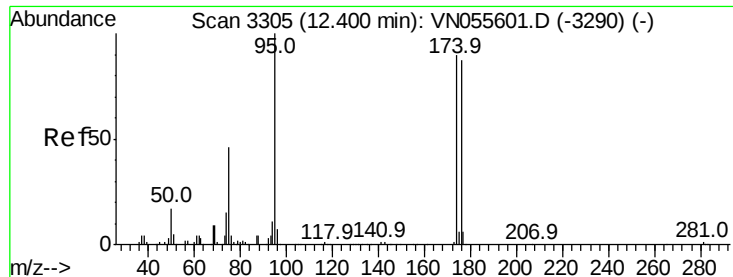


Abundance

Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN





#62

4-Bromofluorobenzene

Concen: 41.828 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055692.D

Acq: 21 May 2019 00:44

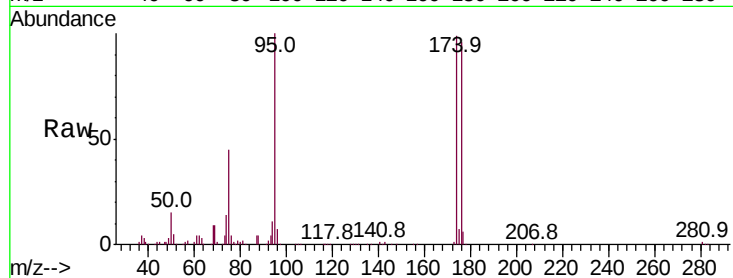
Tot Ion: 95 Resp: 209948

Ion Ratio Lower Upper

95 100

174 100.0 0.0 180.6

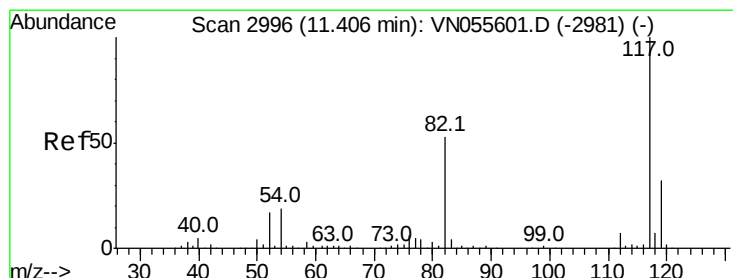
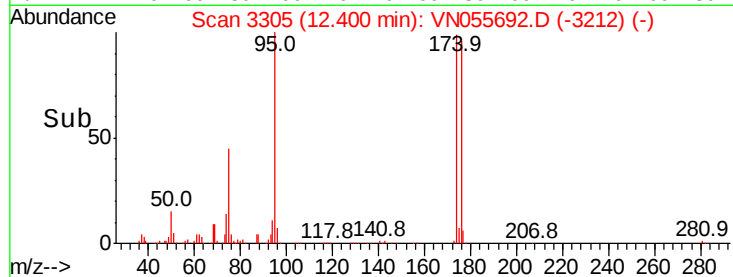
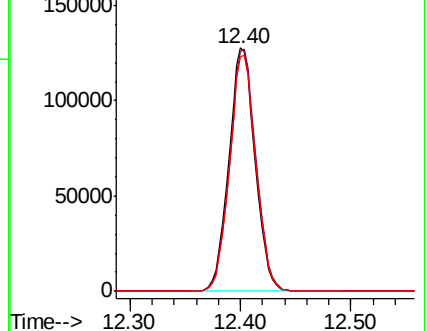
176 96.9 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055692.D

Acq: 21 May 2019 00:44

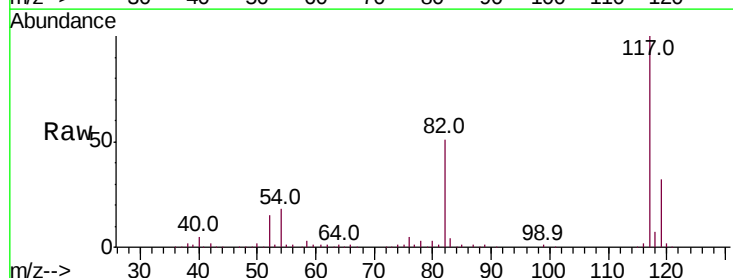
Tgt Ion: 117 Resp: 512133

Ion Ratio Lower Upper

117 100

82 51.2 42.3 63.5

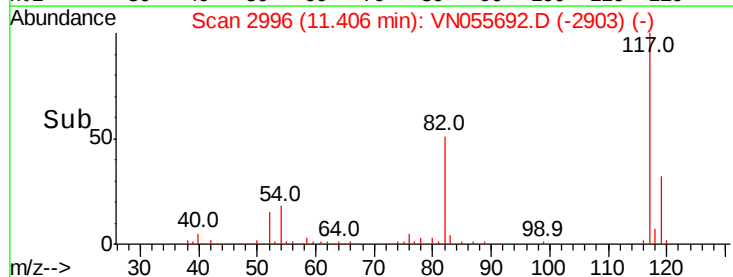
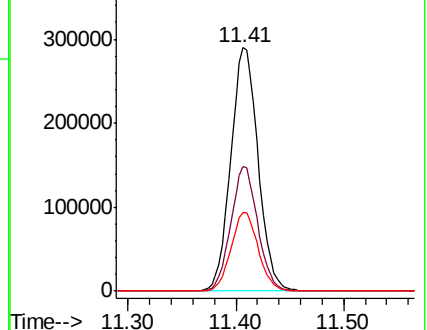
119 32.3 25.4 38.2

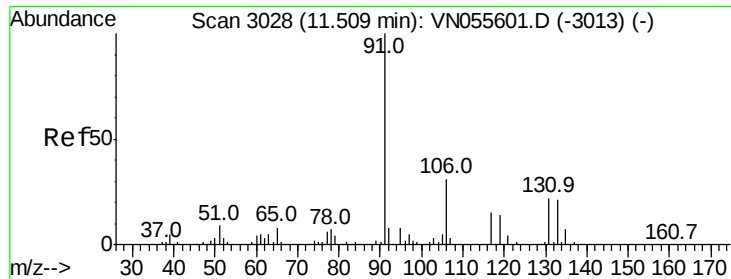


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

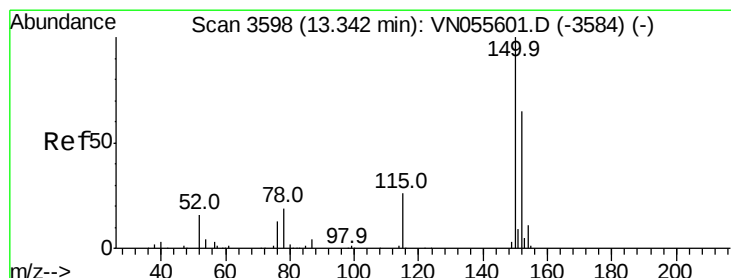
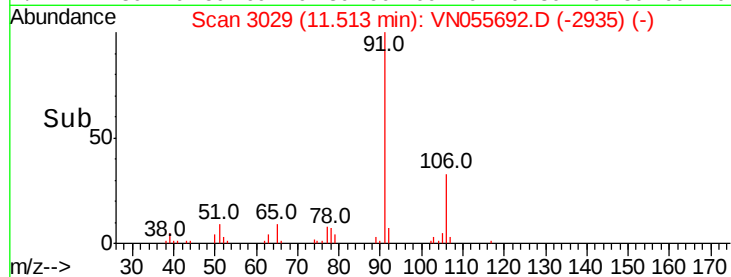
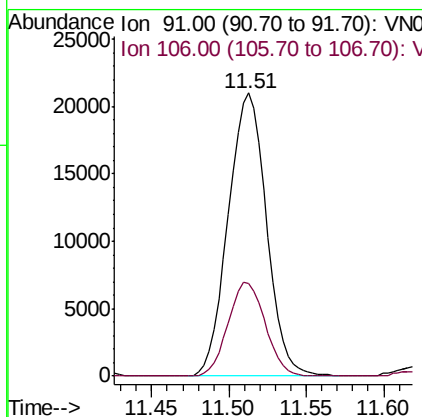
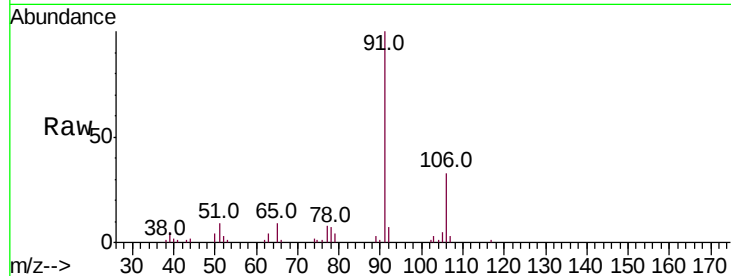
Ion 118.90 (118.60 to 119.60): VN0





#67
Ethyl Benzene
Concen: 1.954 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN055692.D
Acq: 21 May 2019 00:44

Tot Ion: 91 Resp: 36057
Ion Ratio Lower Upper
91 100
106 32.9 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055692.D
Acq: 21 May 2019 00:44

Tgt Ion: 152 Resp: 181296
Ion Ratio Lower Upper
152 100
115 52.0 28.1 84.2
150 156.1 0.0 348.0

