

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055665.D
 Acq On : 20 May 2019 11:37
 Operator : JC/SP
 Sample : PB119556TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

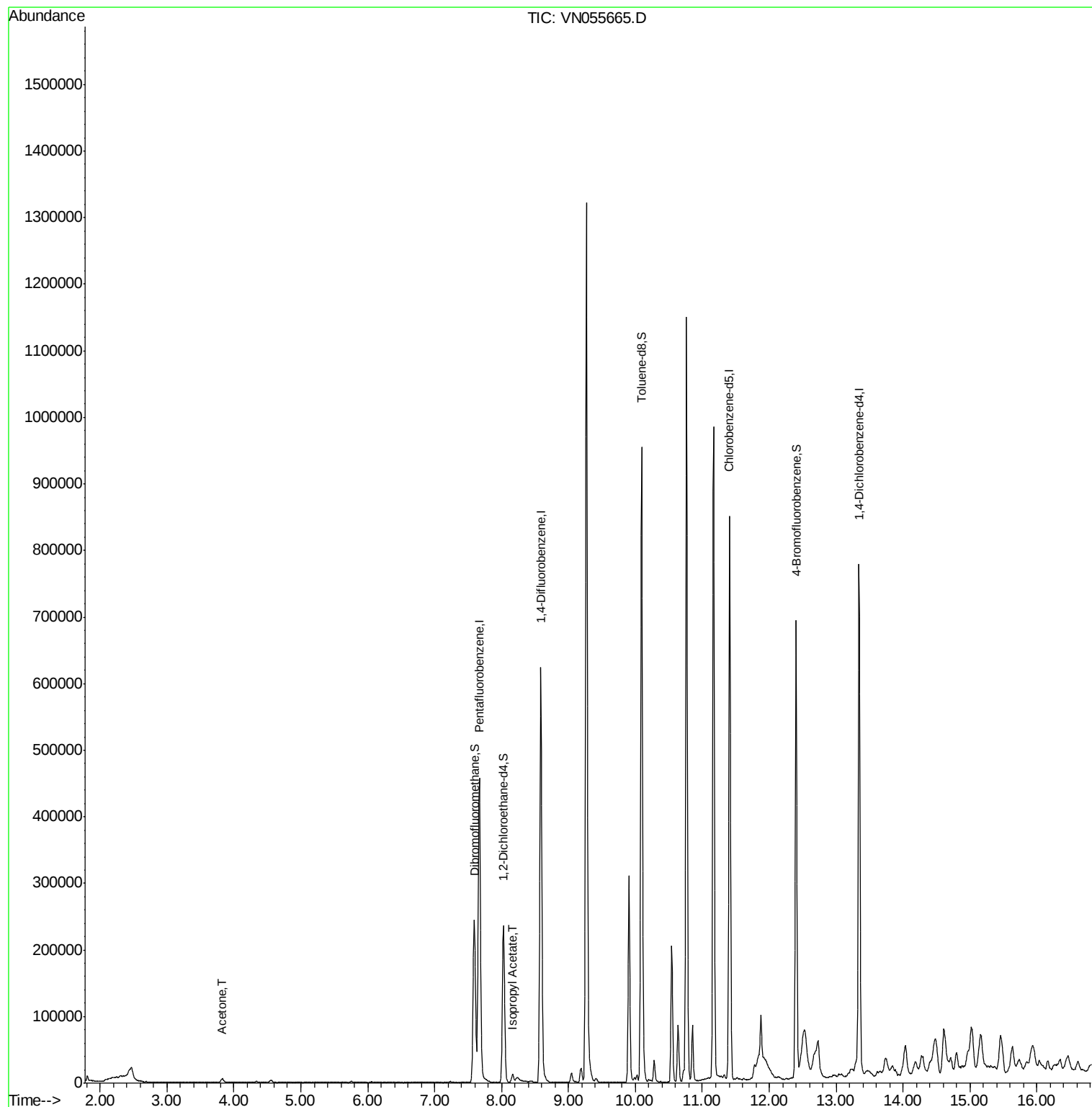
Quant Time: May 21 04:45:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

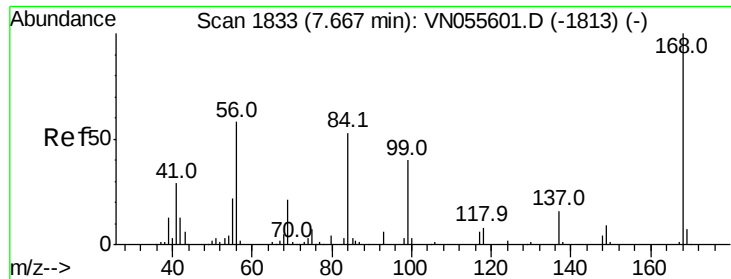
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	441428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	624854	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	540094	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	217418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	200668	41.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.94%	
35) Dibromofluoromethane	7.59	113	189364	47.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.42%	
50) Toluene-d8	10.09	98	724668	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
62) 4-Bromofluorobenzene	12.40	95	238529	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
Target Compounds						
16) Acetone	3.83	43	10503	5.319	ug/l	94
43) Isopropyl Acetate	8.17	43	15372	1.758	ug/l #	91

(#) = 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: VN055665.D

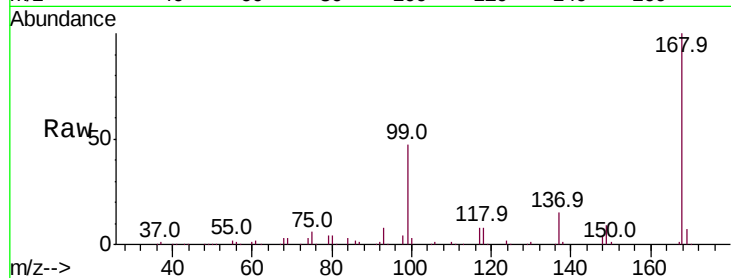
Acq: 20 May 2019 11:37

Tot Ion:168 Resp: 441428

Ion Ratio Lower Upper

168 100

99 47.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN055665.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN055665.D (-1740) (-)

7.67

150000

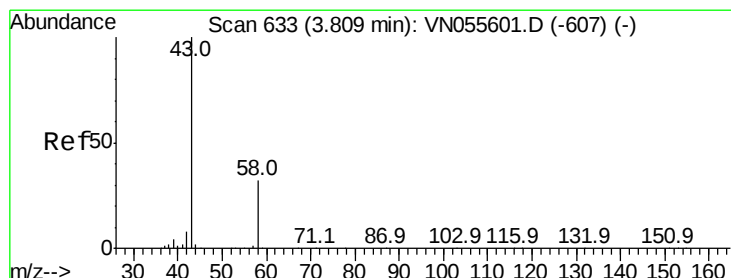
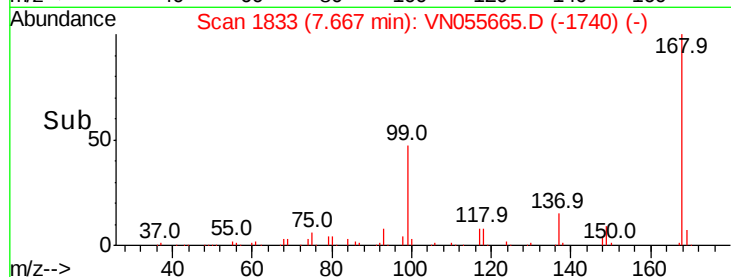
100000

50000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.319 ug/l

RT: 3.83 min Scan# 639

Delta R.T. 0.02 min

Lab File: VN055665.D

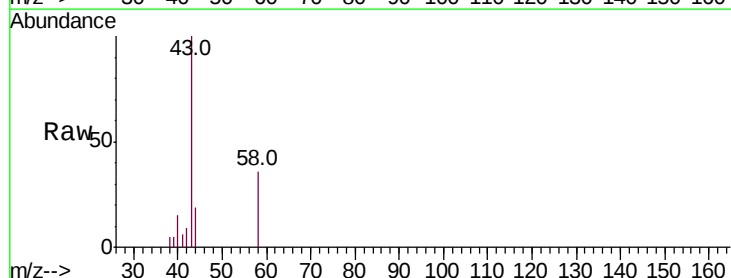
Acq: 20 May 2019 11:37

Tgt Ion: 43 Resp: 10503

Ion Ratio Lower Upper

43 100

58 35.6 26.0 39.0



Abundance Ion 43.00 (42.70 to 43.70): VN055665.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN055665.D (-540) (-)

3.83

4000

3000

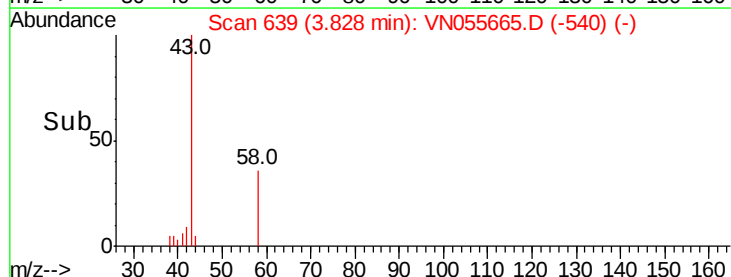
2000

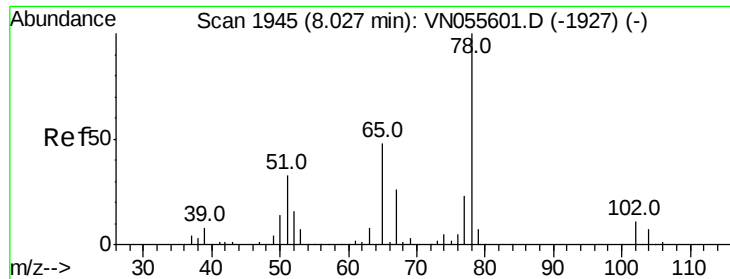
1000

0

3.75 3.80 3.85 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: 41.469 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055665.D

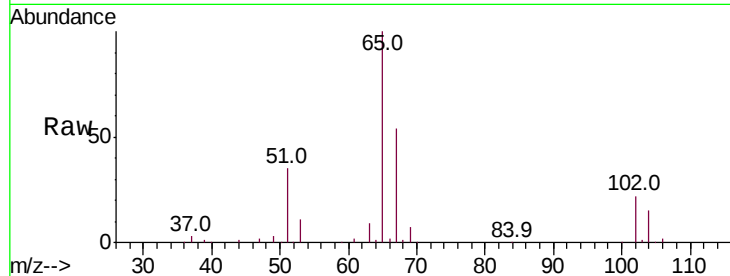
Acq: 20 May 2019 11:37

Tot Ion: 65 Resp: 200668

Ion Ratio Lower Upper

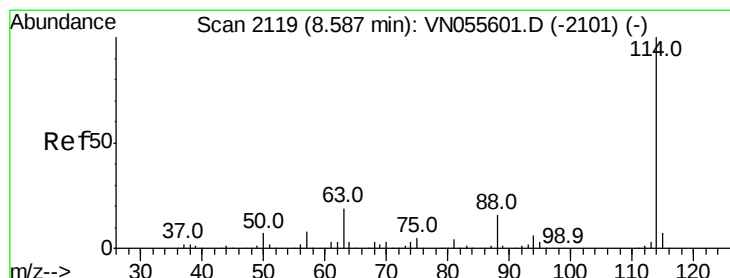
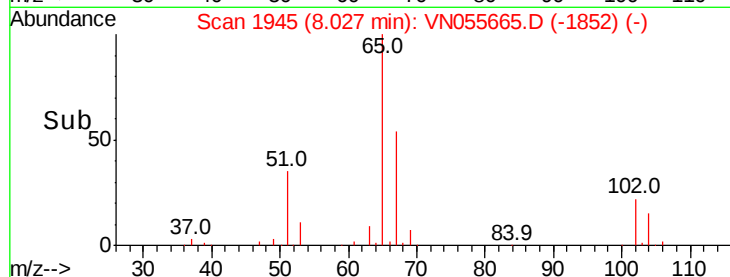
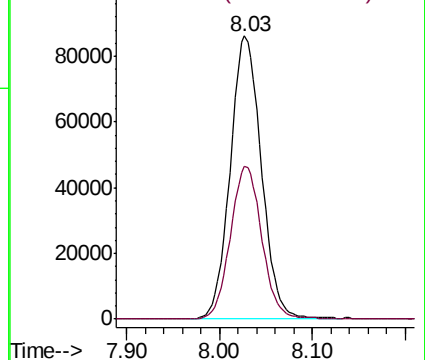
65 100

67 54.5 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN055665.D

Acq: 20 May 2019 11:37

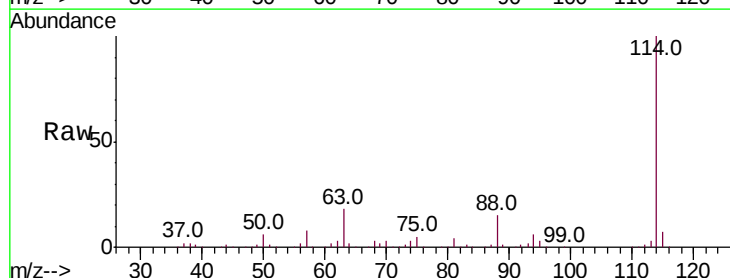
Tgt Ion: 114 Resp: 624854

Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.2

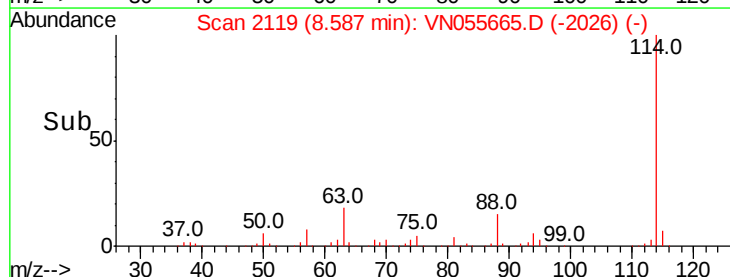
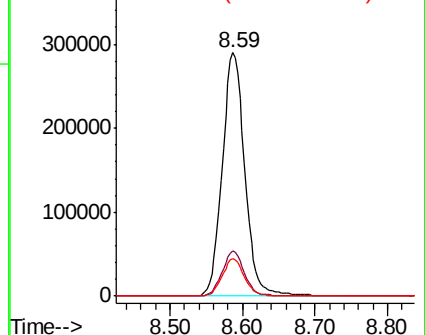
88 15.4 0.0 31.0

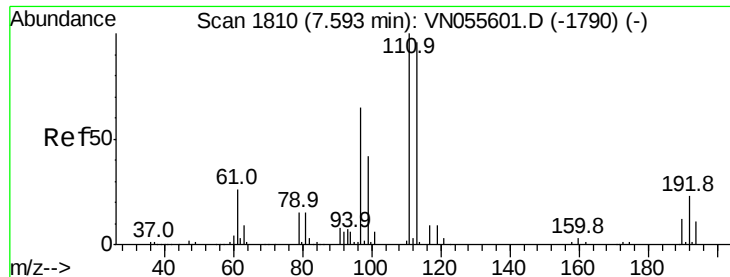


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0





#35

Dibromofluoromethane

Concen: 47.707 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VN055665.D

Acq: 20 May 2019 11:37

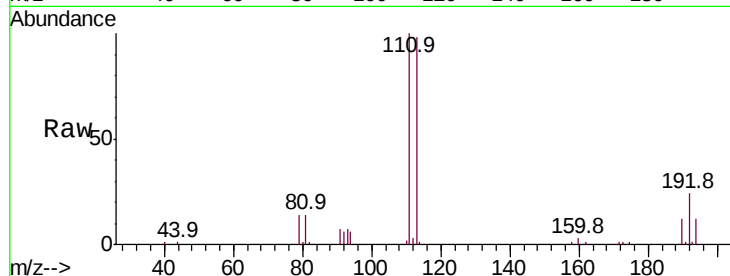
Tot Ion:113 Resp: 189364

Ion Ratio Lower Upper

113 100

111 102.5 82.5 123.7

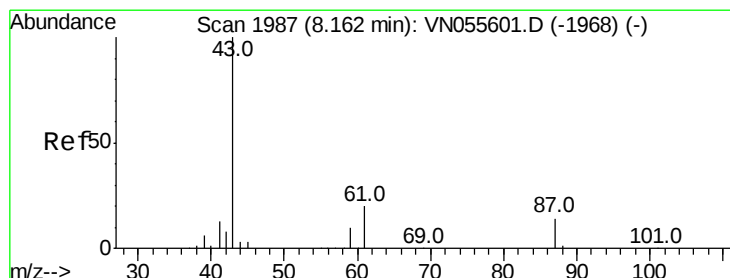
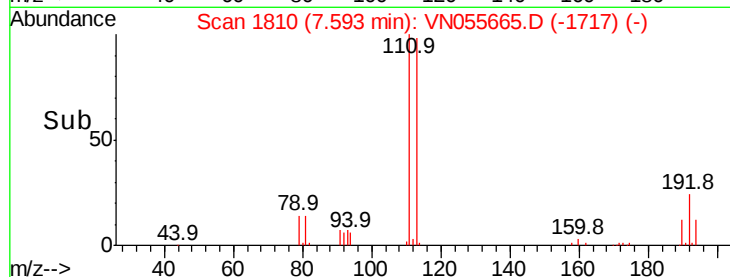
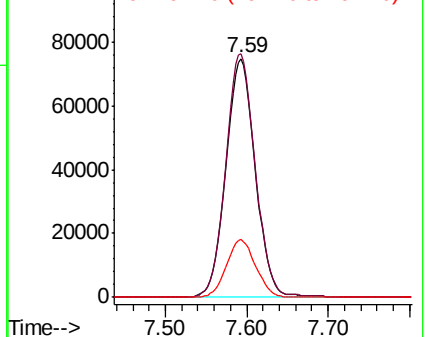
192 24.0 18.7 28.1



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



#43

Isopropyl Acetate

Concen: 1.758 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN055665.D

Acq: 20 May 2019 11:37

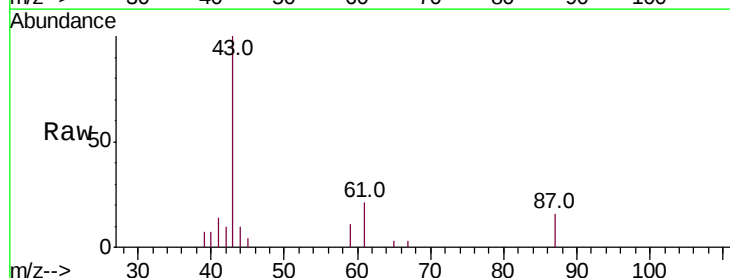
Tgt Ion: 43 Resp: 15372

Ion Ratio Lower Upper

43 100

61 20.9 22.1 33.1#

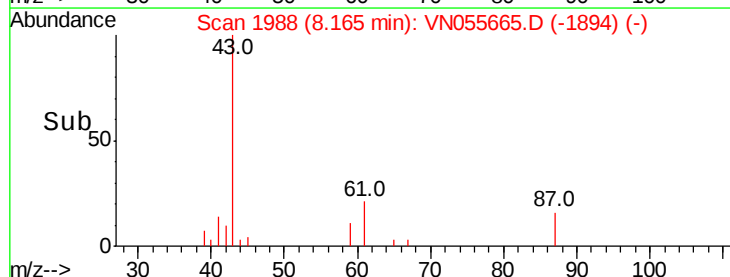
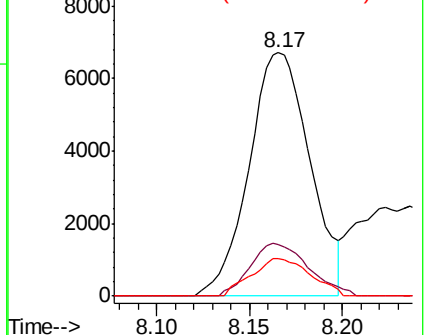
87 14.9 11.8 17.6

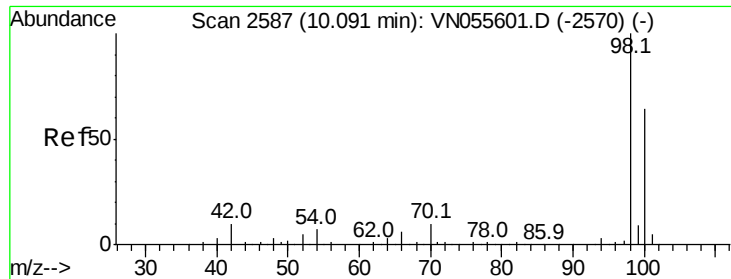


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 48.283 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055665.D

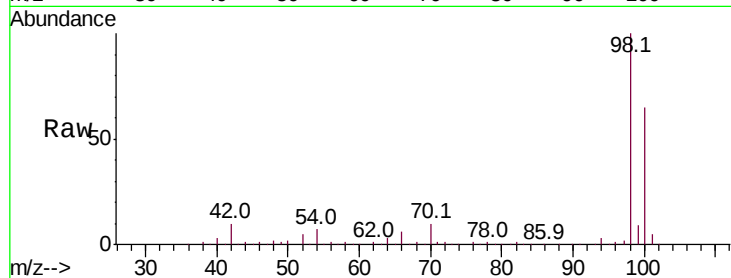
Acq: 20 May 2019 11:37

Tot Ion: 98 Resp: 724668

Ion Ratio Lower Upper

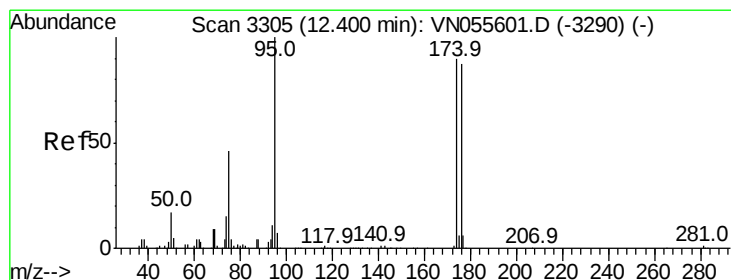
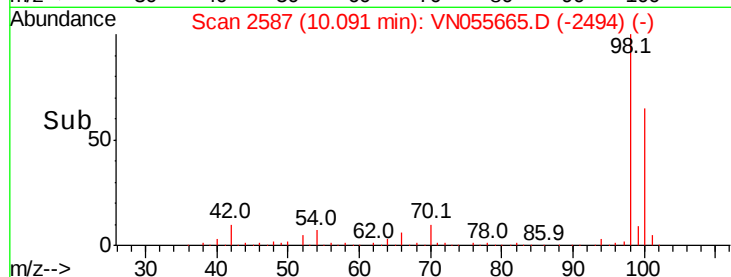
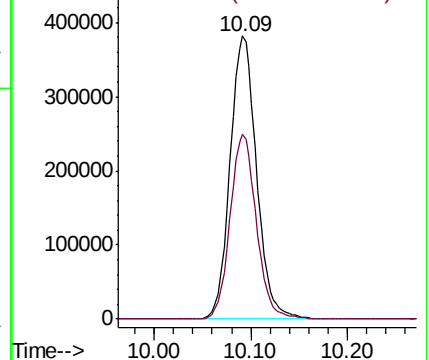
98 100

100 64.7 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: 46.024 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055665.D

Acq: 20 May 2019 11:37

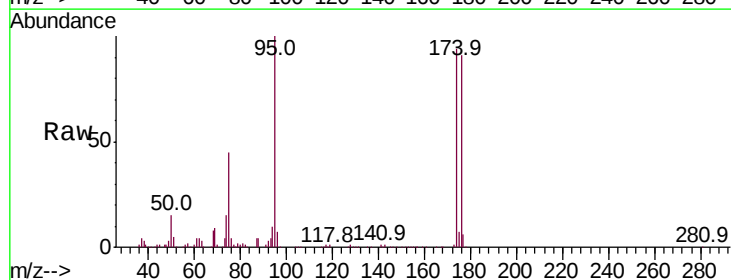
Tgt Ion: 95 Resp: 238529

Ion Ratio Lower Upper

95 100

174 94.9 0.0 180.6

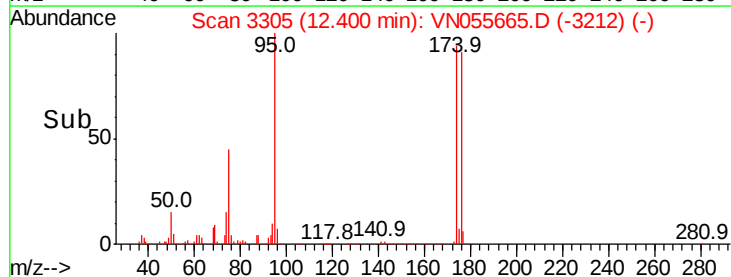
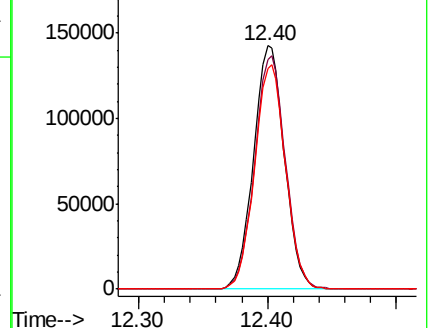
176 92.1 0.0 177.4

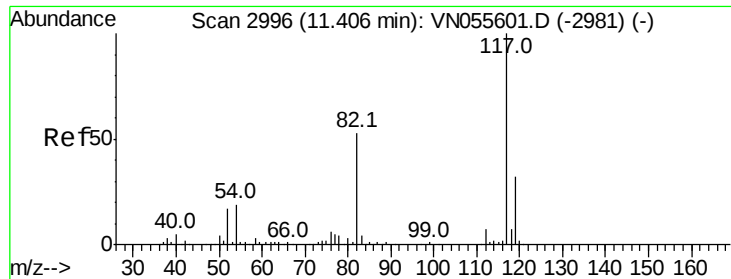


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN055665.D

Acq: 20 May 2019 11:37

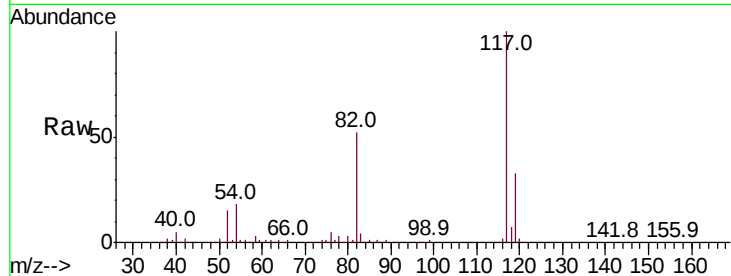
Tot Ion:117 Resp: 540094

Ion Ratio Lower Upper

117 100

82 51.7 42.3 63.5

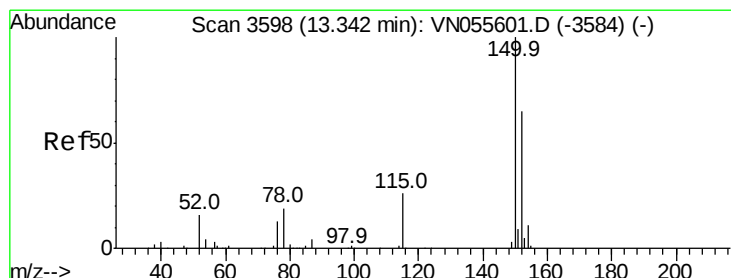
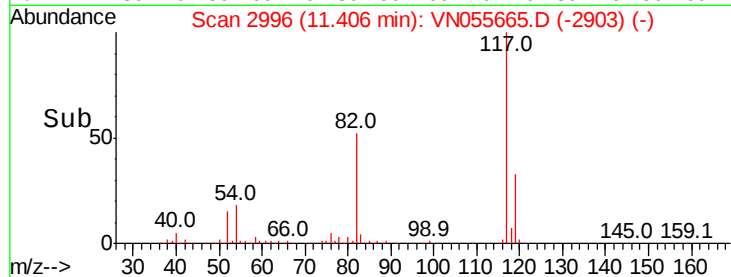
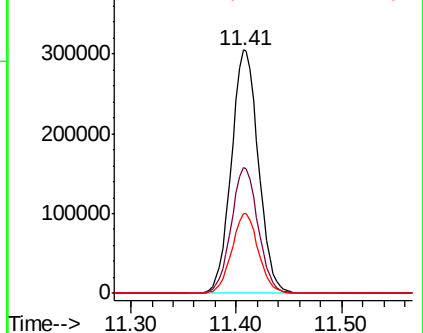
119 32.7 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN055665.D

Acq: 20 May 2019 11:37

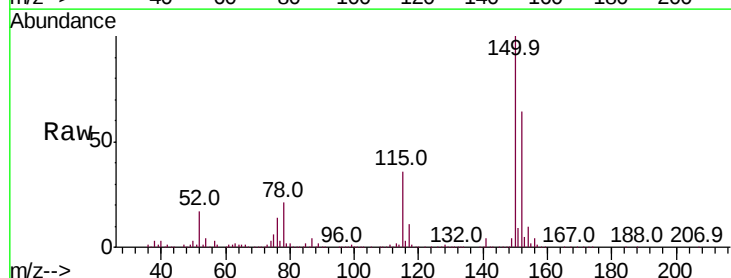
Tgt Ion:152 Resp: 217418

Ion Ratio Lower Upper

152 100

115 57.3 28.1 84.2

150 155.8 0.0 348.0



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

