

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022219\
 Data File : VN053908.D
 Acq On : 22 Feb 2019 11:45
 Operator : JC/SP
 Sample : PB117291TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

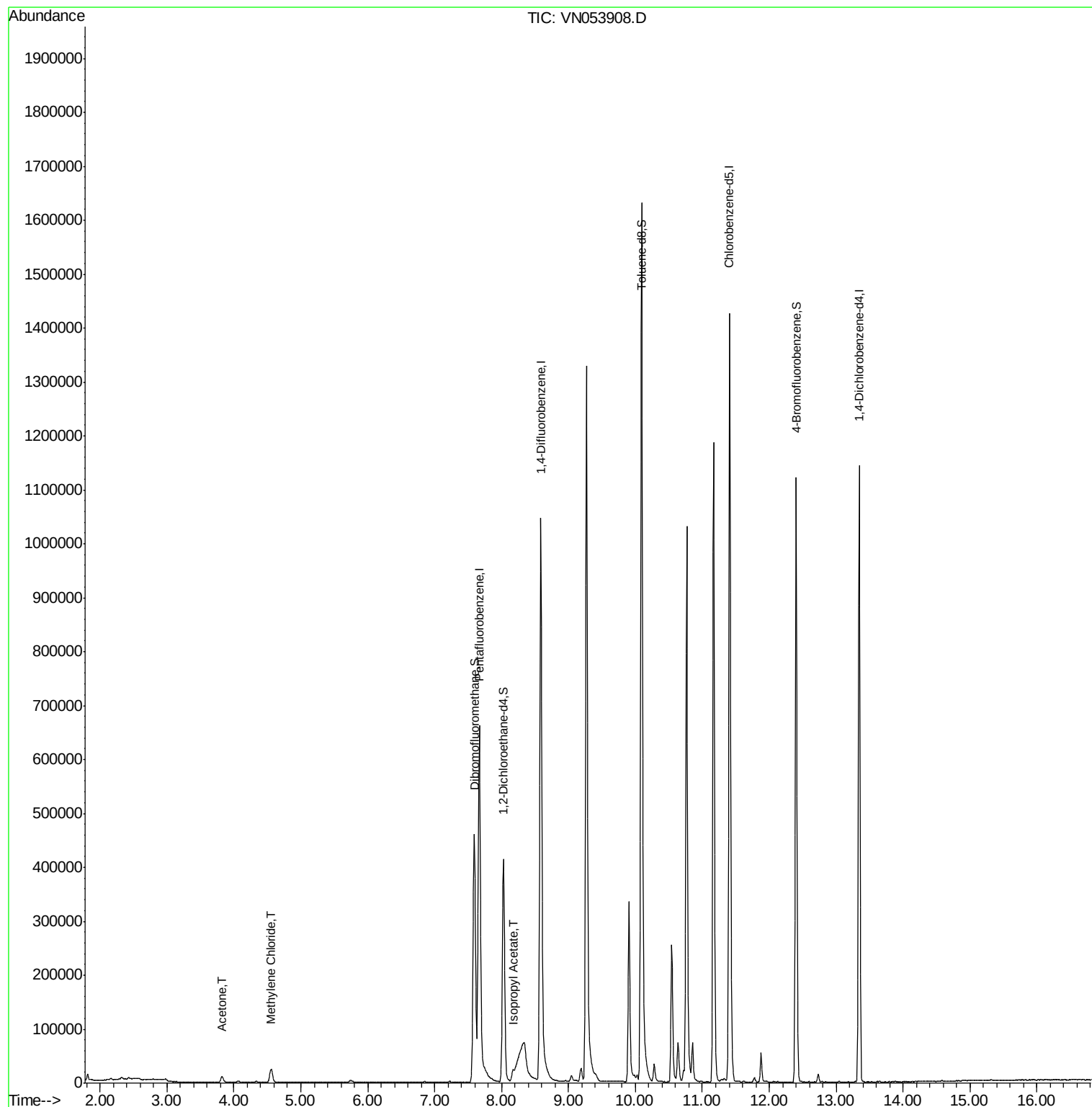
Quant Time: Feb 22 22:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

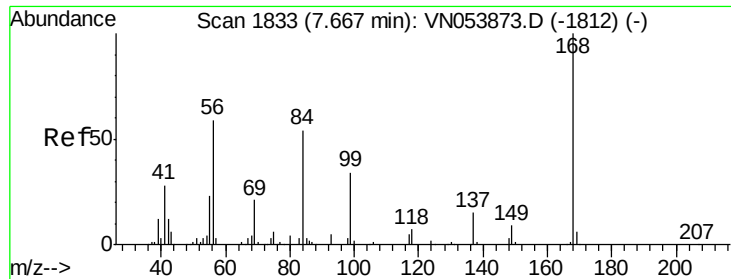
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	637611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1129574	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	961434	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	354619	54.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.84%	
35) Dibromofluoromethane	7.59	113	360473	48.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.26%	
50) Toluene-d8	10.09	98	1335007	49.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.72%	
62) 4-Bromofluorobenzene	12.40	95	396132	44.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.62%	
Target Compounds						
16) Acetone	3.82	43	19285	10.761	ug/l	98
20) Methylene Chloride	4.55	84	19946m	2.973	ug/l	
43) Isopropyl Acetate	8.17	43	27100	2.454	ug/l	98

(#) = 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: VN053908.D

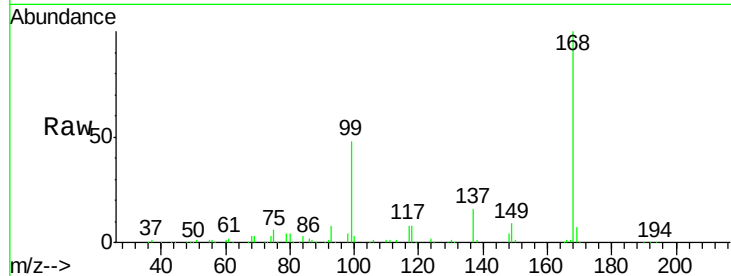
Acq: 22 Feb 2019 11:45

Tot Ion:168 Resp: 637611

Ion Ratio Lower Upper

168 100

99 48.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

250000

200000

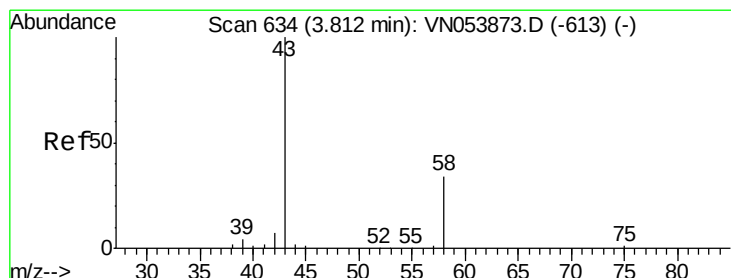
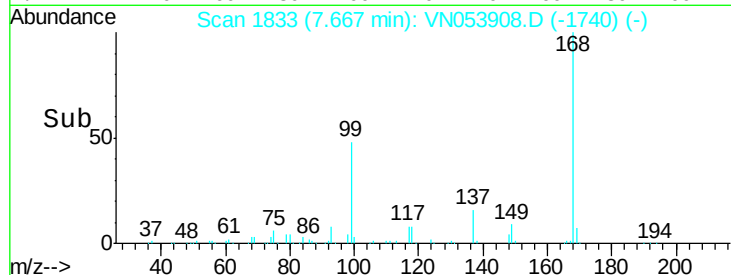
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 10.761 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053908.D

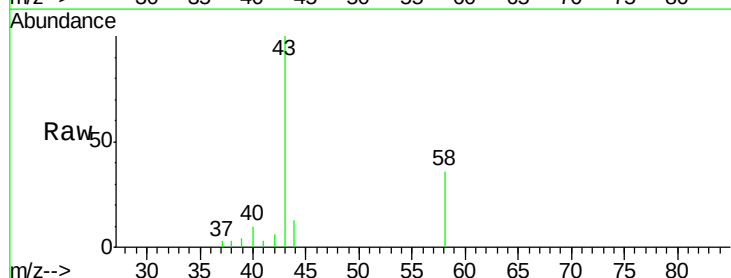
Acq: 22 Feb 2019 11:45

Tgt Ion: 43 Resp: 19285

Ion Ratio Lower Upper

43 100

58 35.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

8000

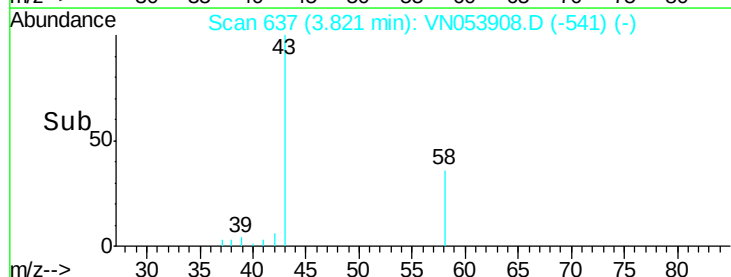
6000

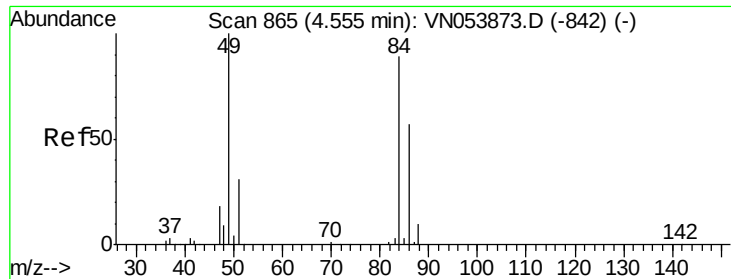
4000

2000

0

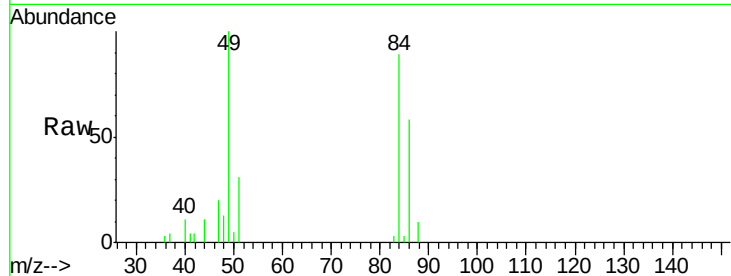
Time-->



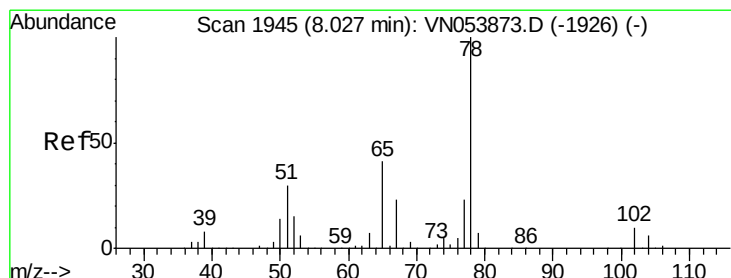
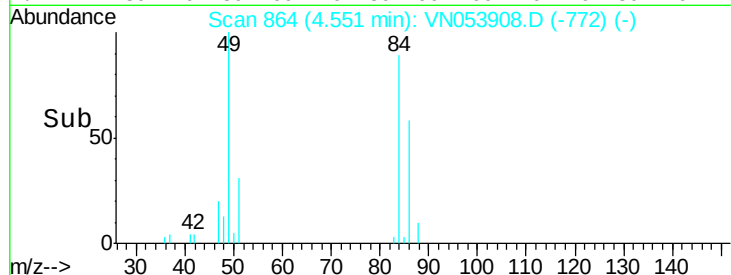
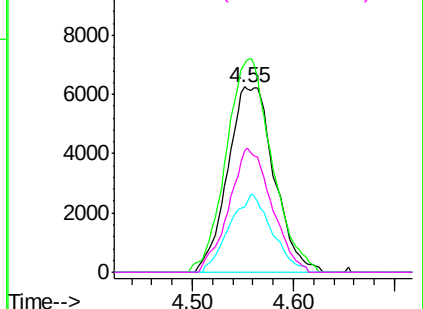


#20
Methylene Chloride
Concen: 2.973 ug/l m
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053908.D
Acq: 22 Feb 2019 11:45

Tot Ion: 84 Resp: 19946
Ion Ratio Lower Upper
84 100
49 112.8 89.7 134.5
51 35.4 27.8 41.8
86 65.7 51.3 76.9

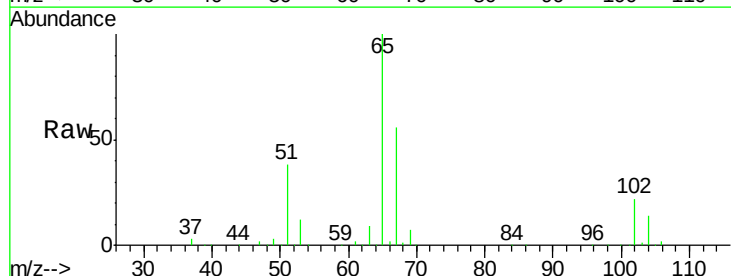


Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0

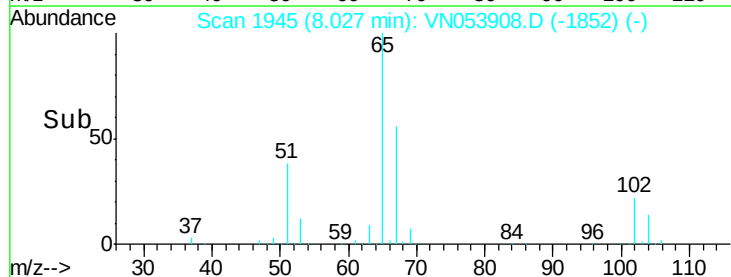
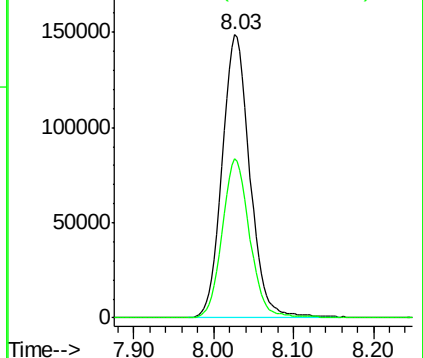


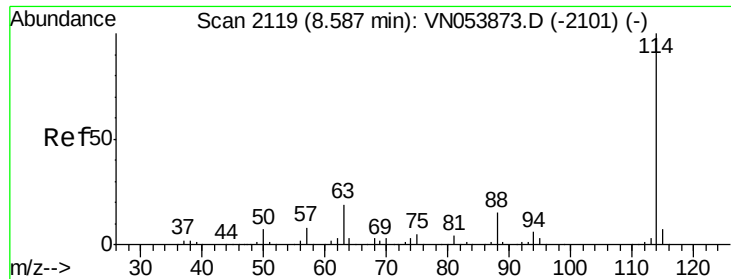
#33
1,2-Dichloroethane-d4
Concen: 54.420 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053908.D
Acq: 22 Feb 2019 11:45

Tgt Ion: 65 Resp: 354619
Ion Ratio Lower Upper
65 100
67 55.8 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0

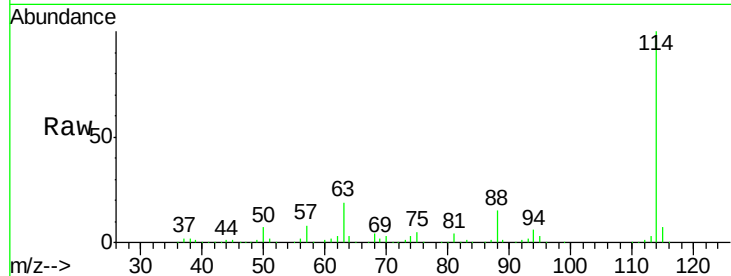




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053908.D
 Acq: 22 Feb 2019 11:45

Tot Ion:114 Resp: 1129574

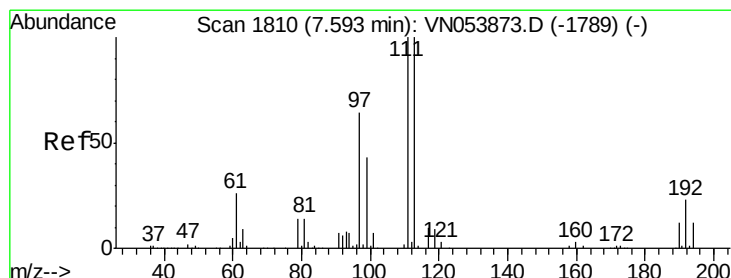
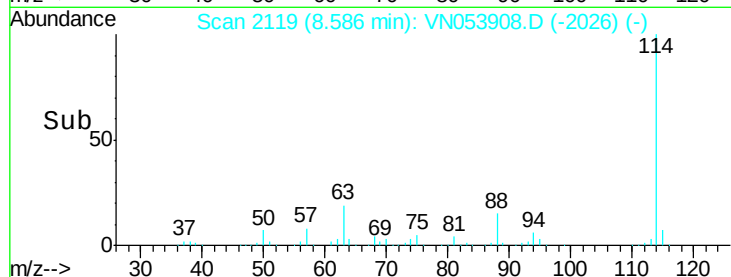
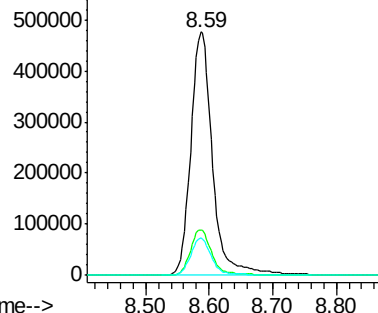
Ion	Ratio	Lower	Upper
114	100		
63	18.7	0.0	37.4
88	15.4	0.0	30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

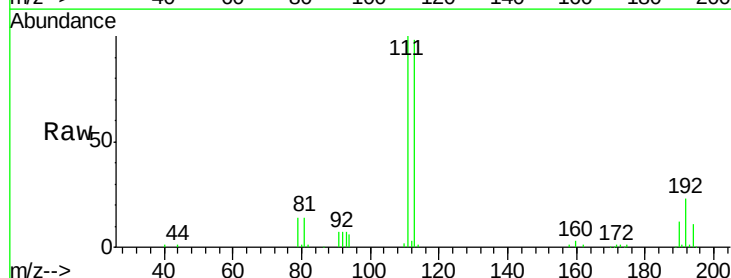
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 48.626 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053908.D
 Acq: 22 Feb 2019 11:45

Tgt Ion:113 Resp: 360473

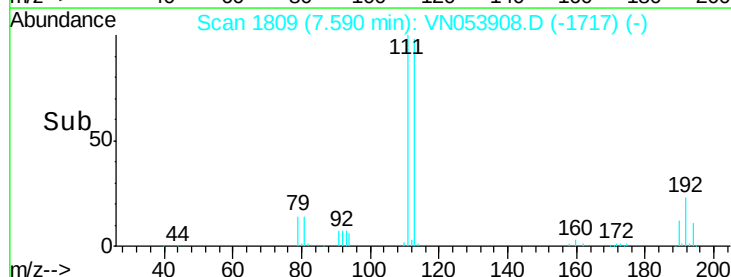
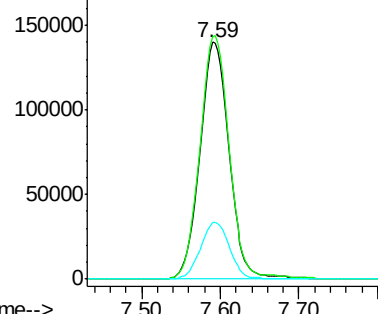
Ion	Ratio	Lower	Upper
113	100		
111	103.9	81.1	121.7
192	23.9	18.8	28.2

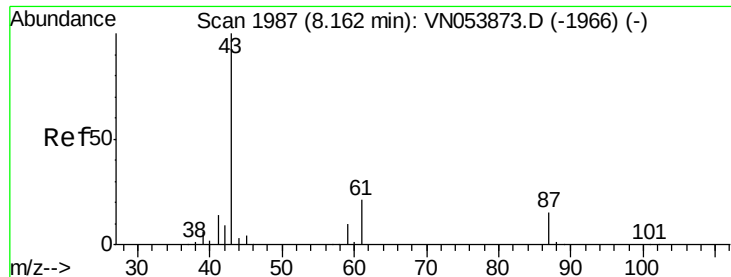


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.454 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053908.D

Acq: 22 Feb 2019 11:45

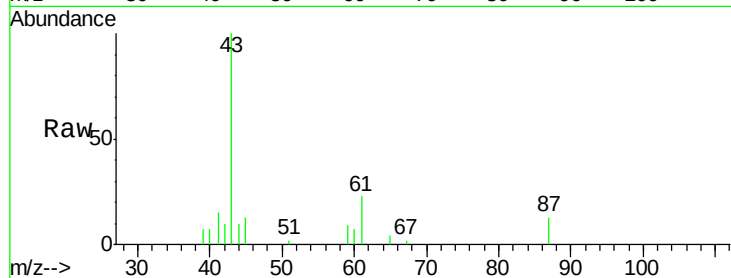
Tot Ion: 43 Resp: 27100

Ion Ratio Lower Upper

43 100

61 22.1 17.4 26.0

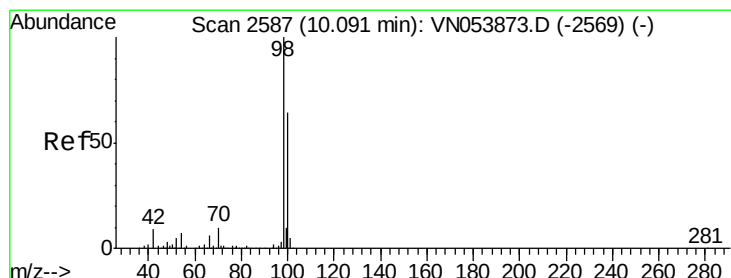
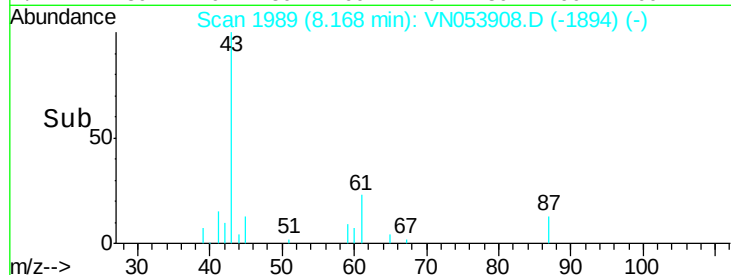
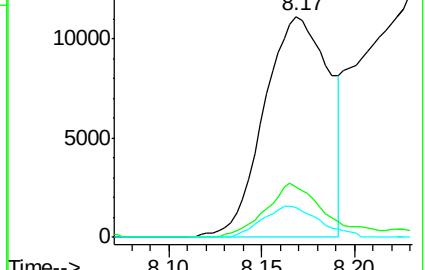
87 12.4 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053908.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053908.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053908.D (-1894) (-)



#50

Toluene-d8

Concen: 49.861 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053908.D

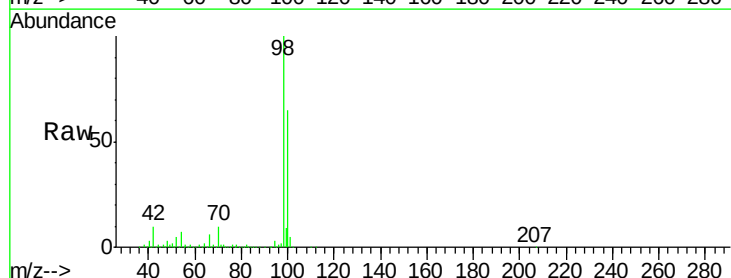
Acq: 22 Feb 2019 11:45

Tgt Ion: 98 Resp: 1335007

Ion Ratio Lower Upper

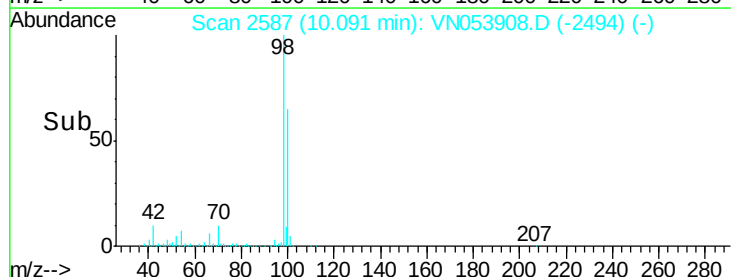
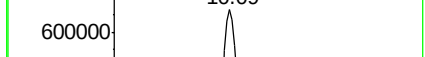
98 100

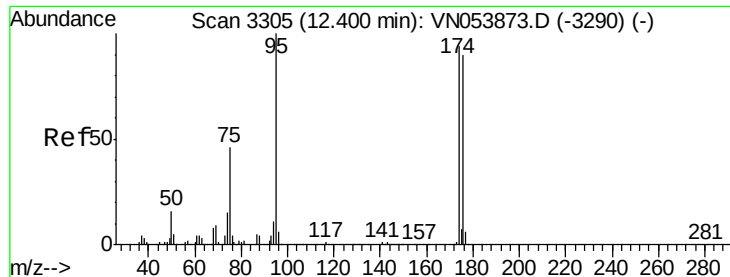
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053908.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN053908.D (-2494) (-)





#62

4-Bromofluorobenzene

Concen: 44.814 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053908.D

Acq: 22 Feb 2019 11:45

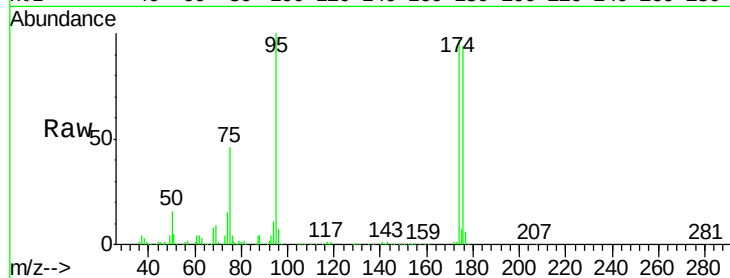
Tot Ion: 95 Resp: 396132

Ion Ratio Lower Upper

95 100

174 95.5 0.0 188.8

176 92.0 0.0 182.6

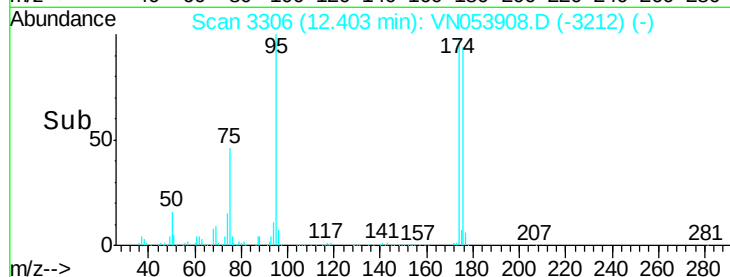


Abundance Ion 94.90 (94.60 to 95.60): VN053873.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053873.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053873.D (-3290) (-)

Time--> 12.30 12.40 12.50

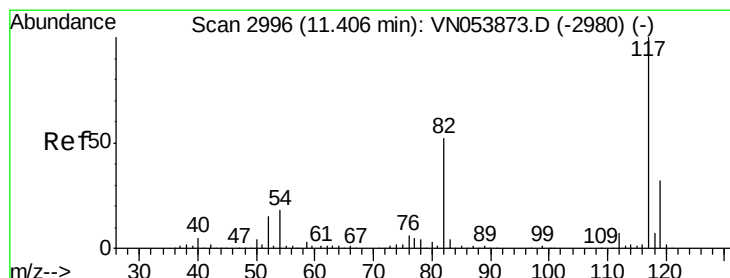


Abundance Ion 94.90 (94.60 to 95.60): VN053908.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053908.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053908.D (-3212) (-)

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: VN053908.D

Acq: 22 Feb 2019 11:45

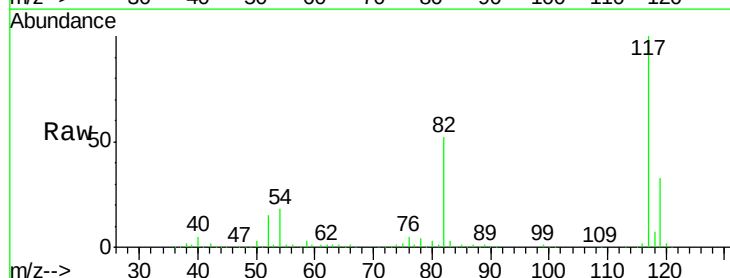
Tgt Ion: 117 Resp: 961434

Ion Ratio Lower Upper

117 100

82 52.5 41.4 62.2

119 32.7 25.3 37.9

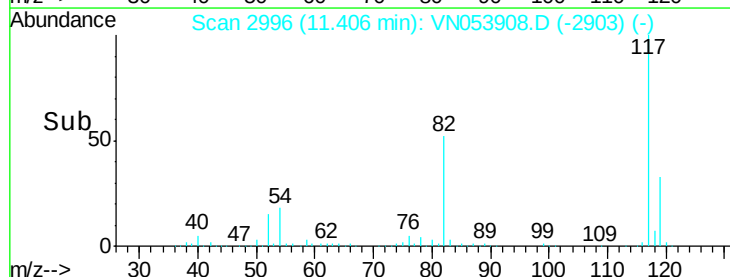


Abundance Ion 116.90 (116.60 to 117.60): VN053873.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053873.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053873.D (-2980) (-)

Time--> 11.30 11.40 11.50

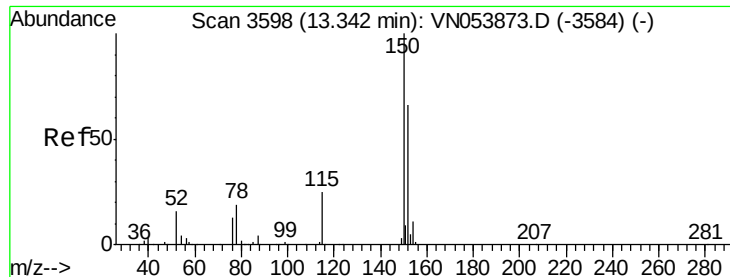


Abundance Ion 116.90 (116.60 to 117.60): VN053908.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053908.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053908.D (-2903) (-)

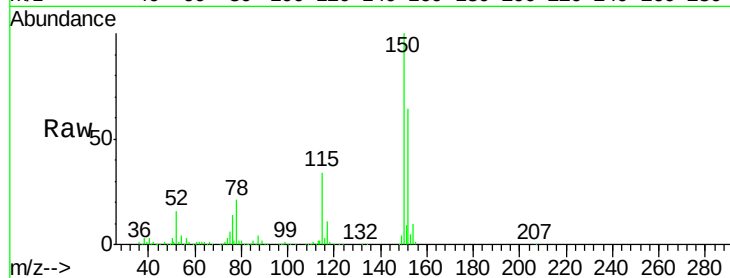
Time--> 11.30 11.40 11.50



#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053908.D
 Acq: 22 Feb 2019 11:45

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.8	27.2	81.6
150	155.6	0.0	348.2



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

