

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051373.D
 Acq On : 21 Sep 2018 17:00
 Operator : MD\SY
 Sample : PB113086ZHE#04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

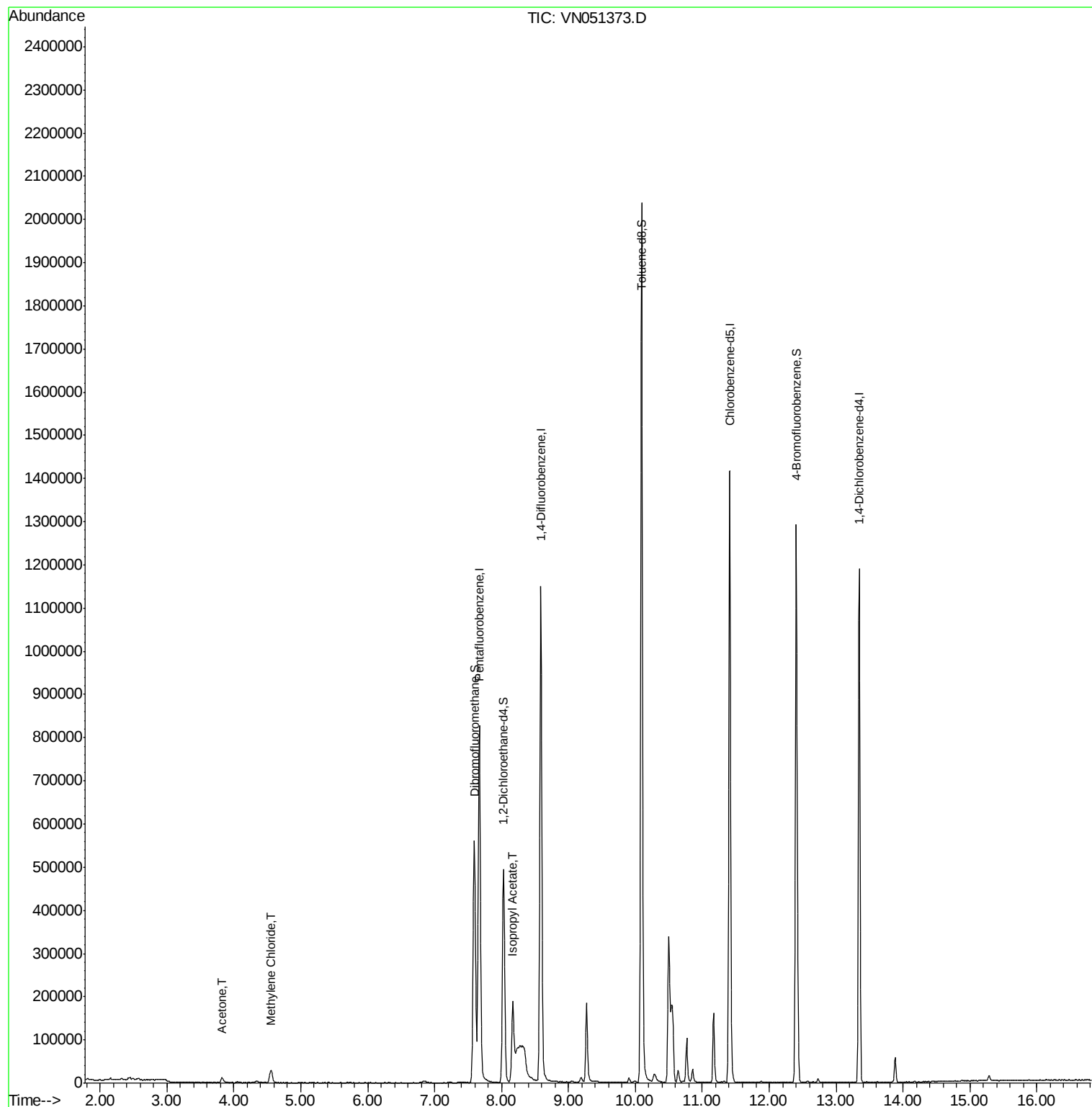
Quant Time: Sep 21 23:43:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

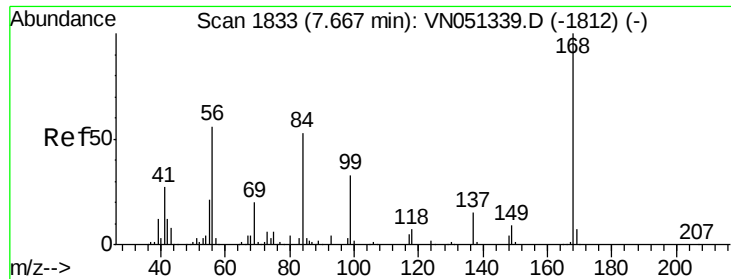
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	767979	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1143794	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	958192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	358256	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	431474	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
35) Dibromofluoromethane	7.59	113	427713	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
50) Toluene-d8	10.09	98	1527404	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
62) 4-Bromofluorobenzene	12.40	95	420570	36.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.76%	
Target Compounds						
16) Acetone	3.82	43	20353	11.112	ug/l	98
20) Methylene Chloride	4.55	84	23387	2.733	ug/l	96
43) Isopropyl Acetate	8.17	43	232570	22.927	ug/l	96

(#) = 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: VN051373.D

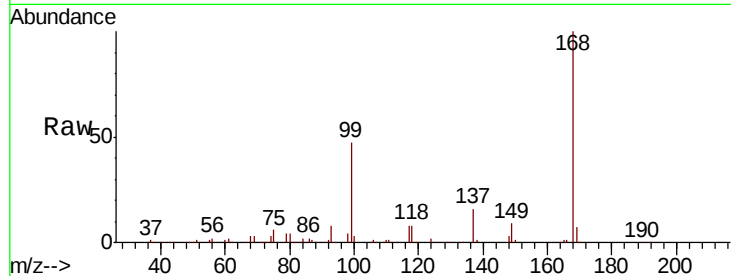
Acq: 21 Sep 2018 17:00

Tot Ion:168 Resp: 767979

Ion Ratio Lower Upper

168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051373.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051373.D (-1740) (-)

7.67

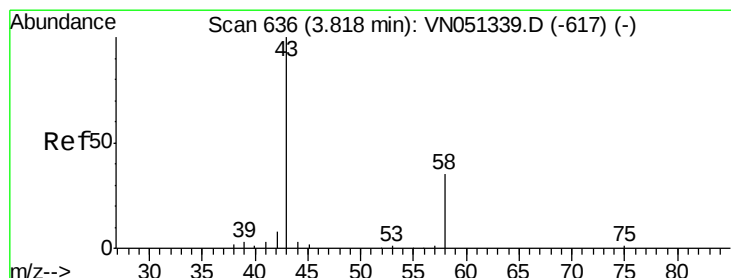
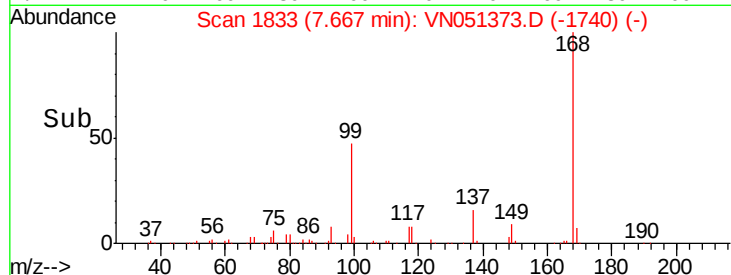
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 11.112 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051373.D

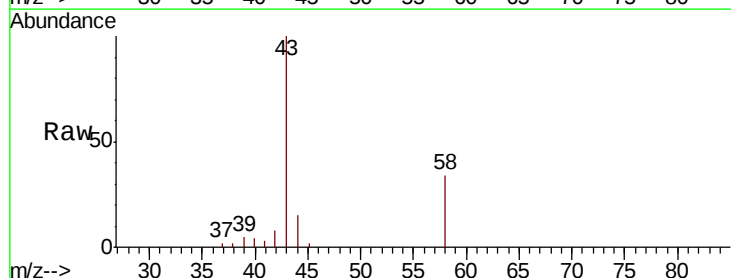
Acq: 21 Sep 2018 17:00

Tgt Ion: 43 Resp: 20353

Ion Ratio Lower Upper

43 100

58 34.5 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN051373.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN051373.D (-544) (-)

3.82

8000

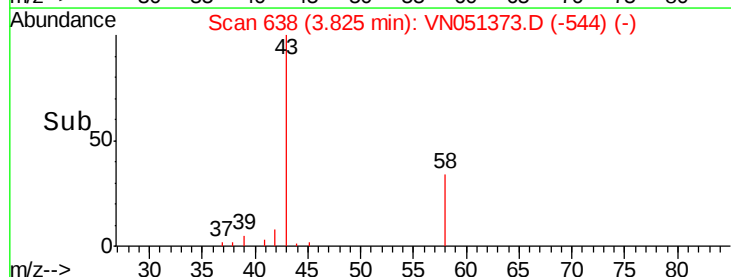
6000

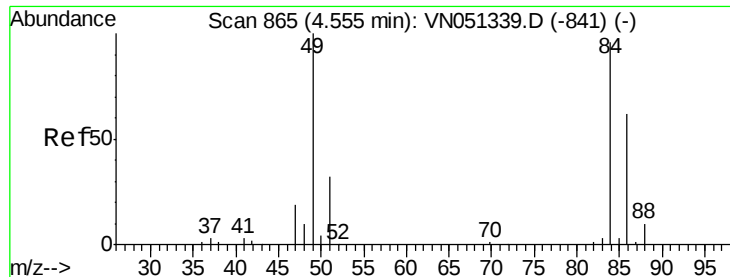
4000

2000

0

Time--> 3.80 3.90





#20

Methylene Chloride

Concen: 2.733 ug/l

RT: 4.55 min Scan# 864

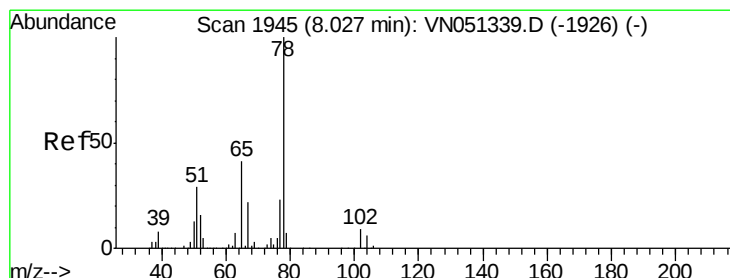
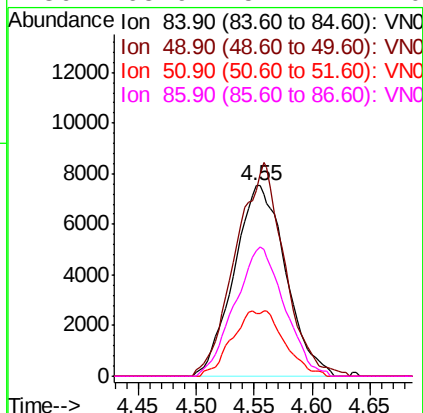
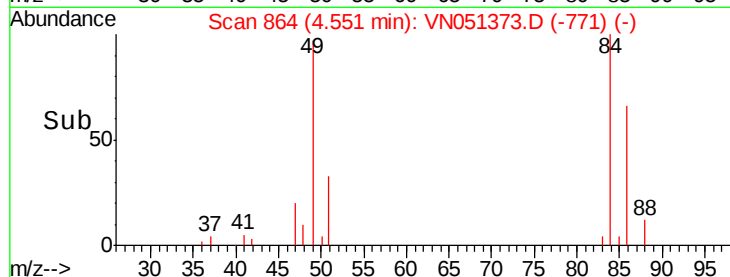
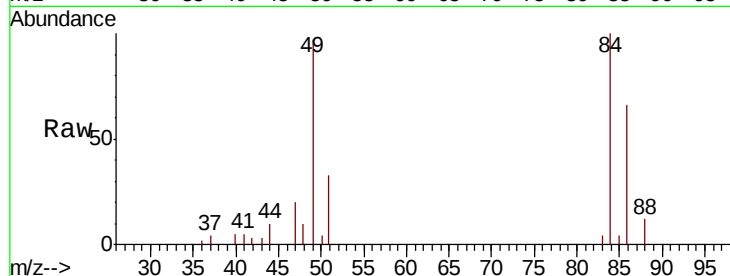
Delta R.T. -0.00 min

Lab File: VN051373.D

Acq: 21 Sep 2018 17:00

Tot Ion: 84 Resp: 23387

Ion	Ratio	Lower	Upper
84	100		
49	97.3	83.2	124.8
51	32.9	26.4	39.6
86	65.9	51.4	77.0



#33

1,2-Dichloroethane-d4

Concen: 51.836 ug/l

RT: 8.03 min Scan# 1945

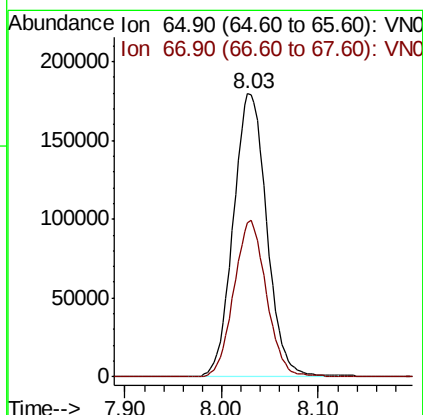
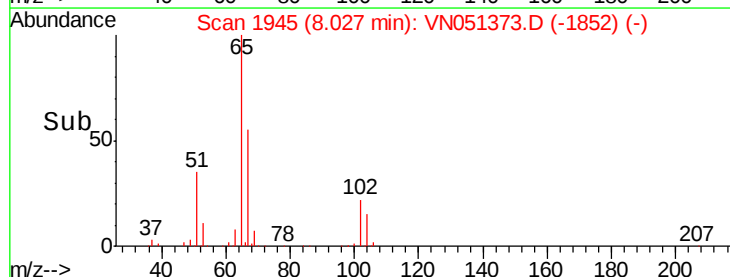
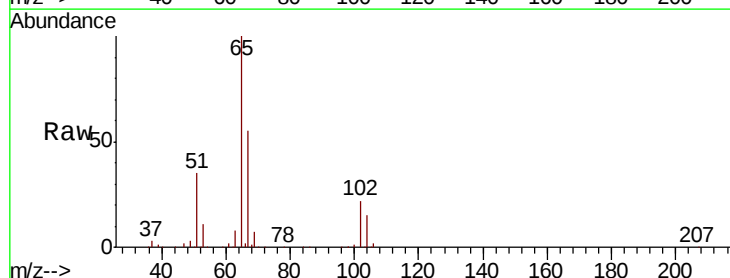
Delta R.T. -0.00 min

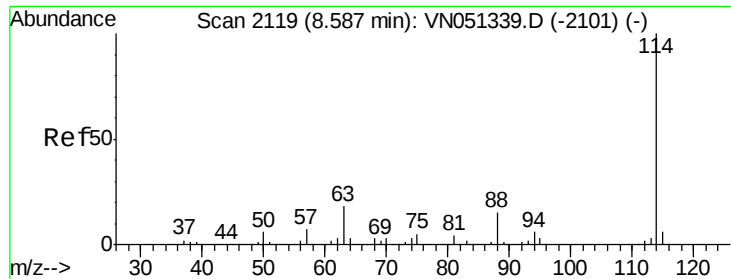
Lab File: VN051373.D

Acq: 21 Sep 2018 17:00

Tgt Ion: 65 Resp: 431474

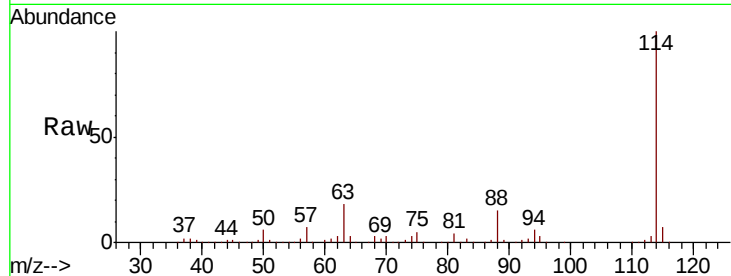
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	108.8



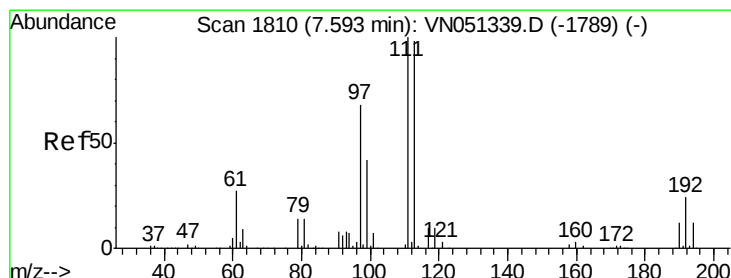
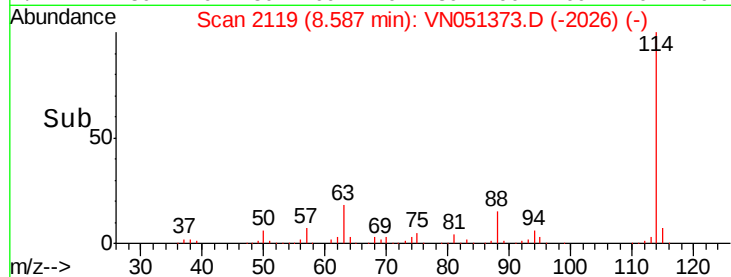
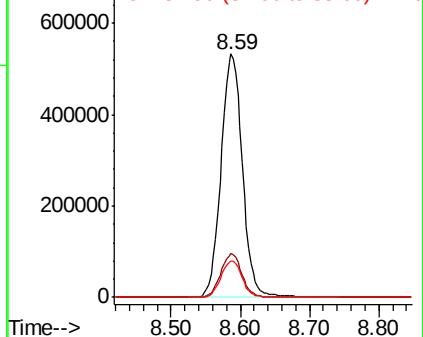


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051373.D
 Acq: 21 Sep 2018 17:00

Tot Ion:114 Resp: 1143794
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 36.6
 88 15.1 0.0 29.8

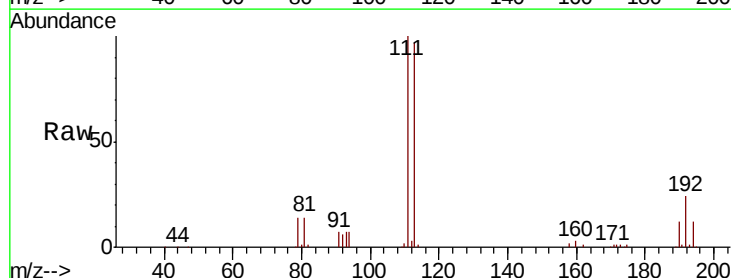


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

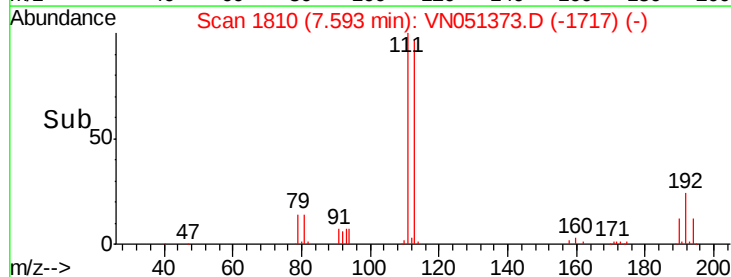
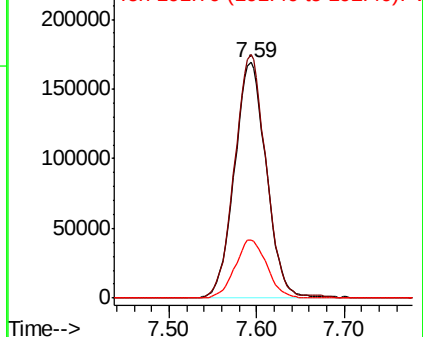


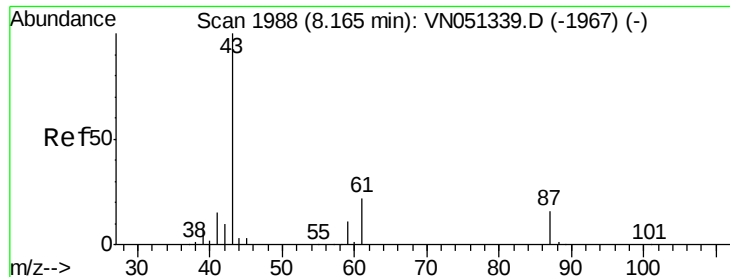
#35
 Dibromofluoromethane
 Concen: 46.272 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051373.D
 Acq: 21 Sep 2018 17:00

Tgt Ion:113 Resp: 427713
 Ion Ratio Lower Upper
 113 100
 111 102.3 81.9 122.9
 192 24.6 19.8 29.6



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





#43

Isopropyl Acetate

Concen: 22.927 ug/l

RT: 8.17 min Scan# 1989

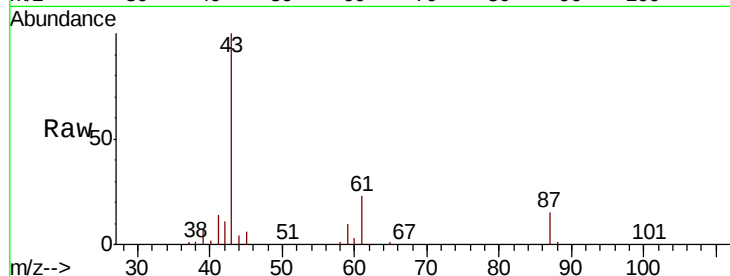
Delta R.T. 0.00 min

Lab File: VN051373.D

Acq: 21 Sep 2018 17:00

Tot Ion: 43 Resp: 232570

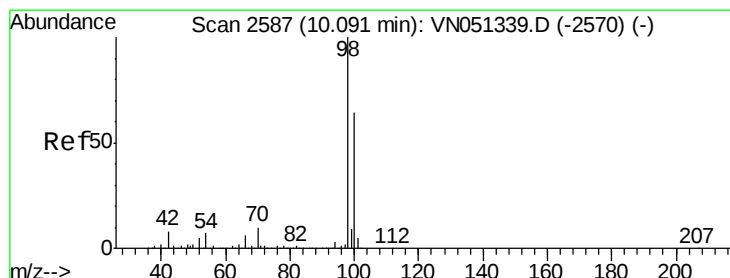
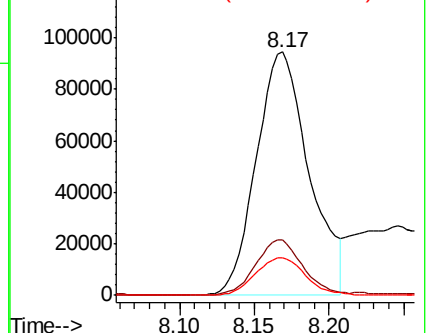
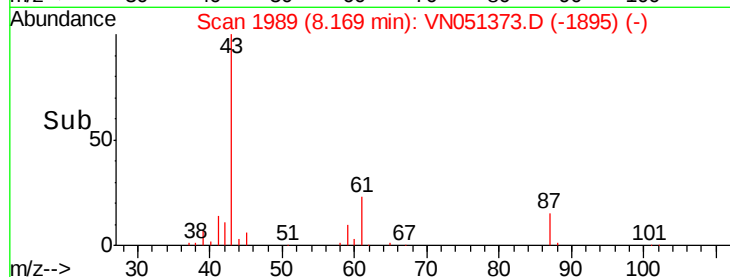
Ion	Ratio	Lower	Upper
43	100		
61	20.3	18.1	27.1
87	14.6	12.8	19.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 42.984 ug/l

RT: 10.09 min Scan# 2587

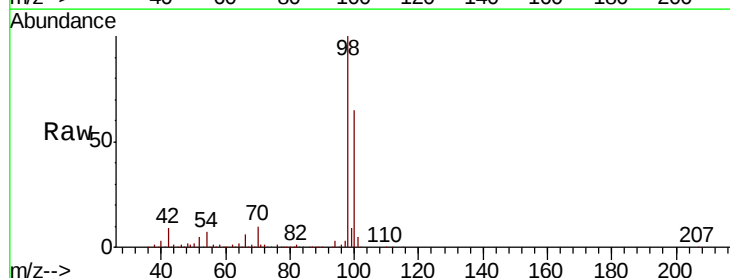
Delta R.T. -0.00 min

Lab File: VN051373.D

Acq: 21 Sep 2018 17:00

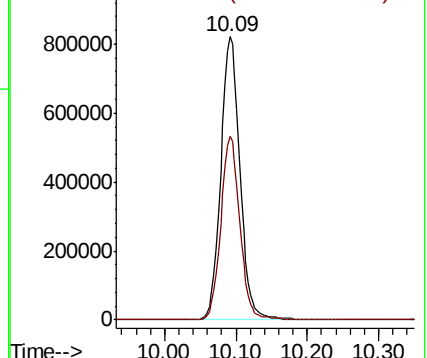
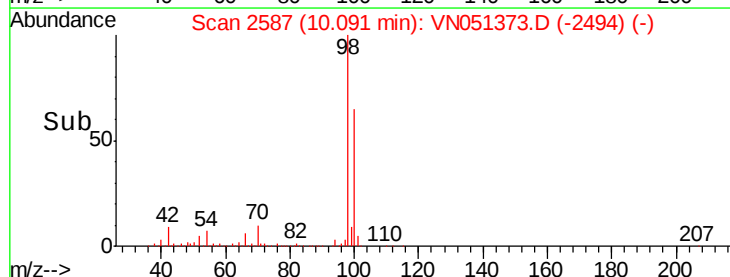
Tgt Ion: 98 Resp: 1527404

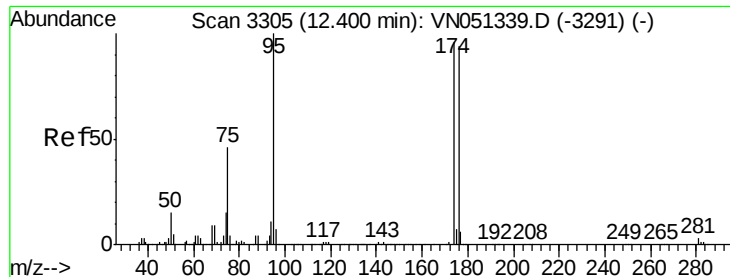
Ion	Ratio	Lower	Upper
98	100		
100	64.3	51.3	76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 36.380 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051373.D

Acq: 21 Sep 2018 17:00

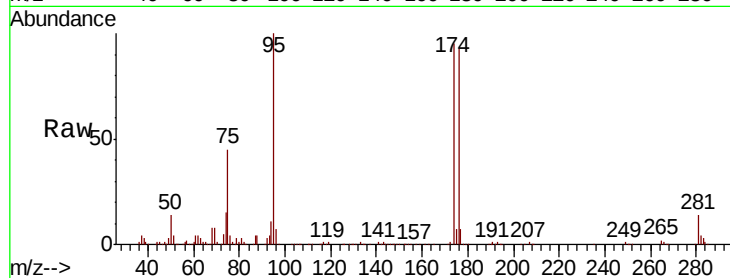
Tot Ion: 95 Resp: 420570

Ion Ratio Lower Upper

95 100

174 96.6 0.0 194.6

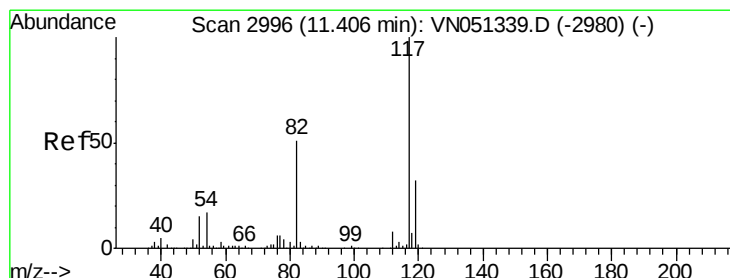
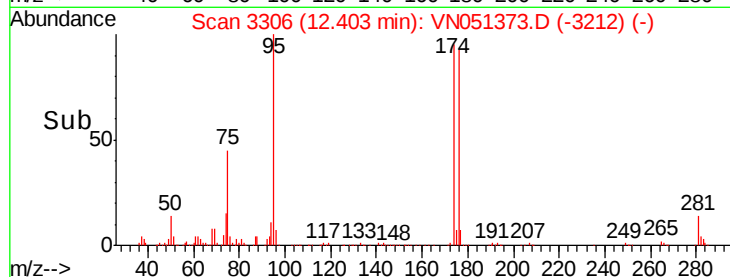
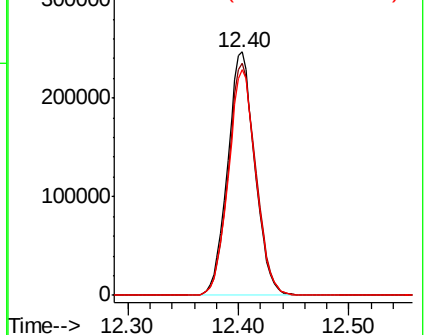
176 93.7 0.0 189.6



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# 2997

Delta R.T. 0.00 min

Lab File: VN051373.D

Acq: 21 Sep 2018 17:00

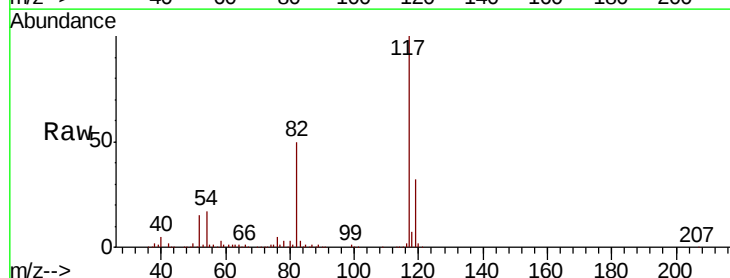
Tgt Ion: 117 Resp: 958192

Ion Ratio Lower Upper

117 100

82 50.3 40.7 61.1

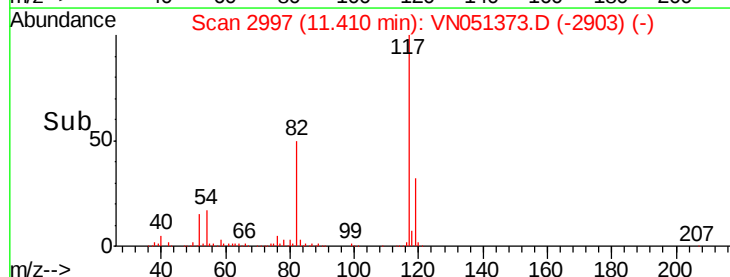
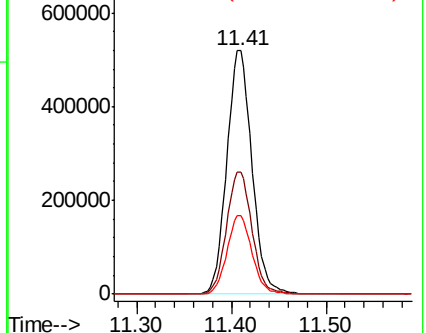
119 32.2 25.3 37.9

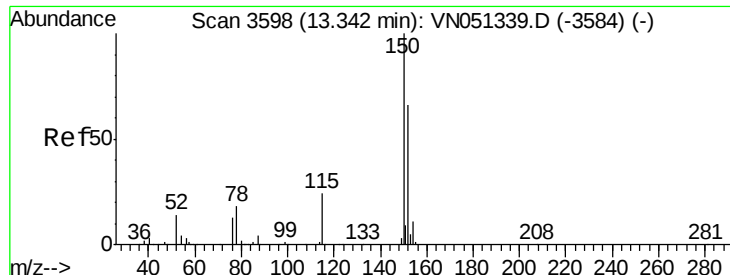


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

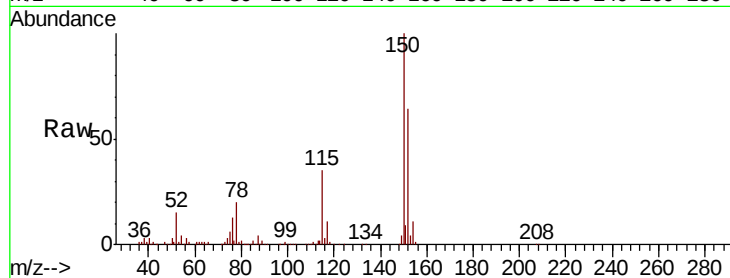




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051373.D
 Acq: 21 Sep 2018 17:00

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.6	26.9	80.7
150	157.1	0.0	345.0



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

