

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051375.D
 Acq On : 21 Sep 2018 17:49
 Operator : MD\SY
 Sample : PB113086ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

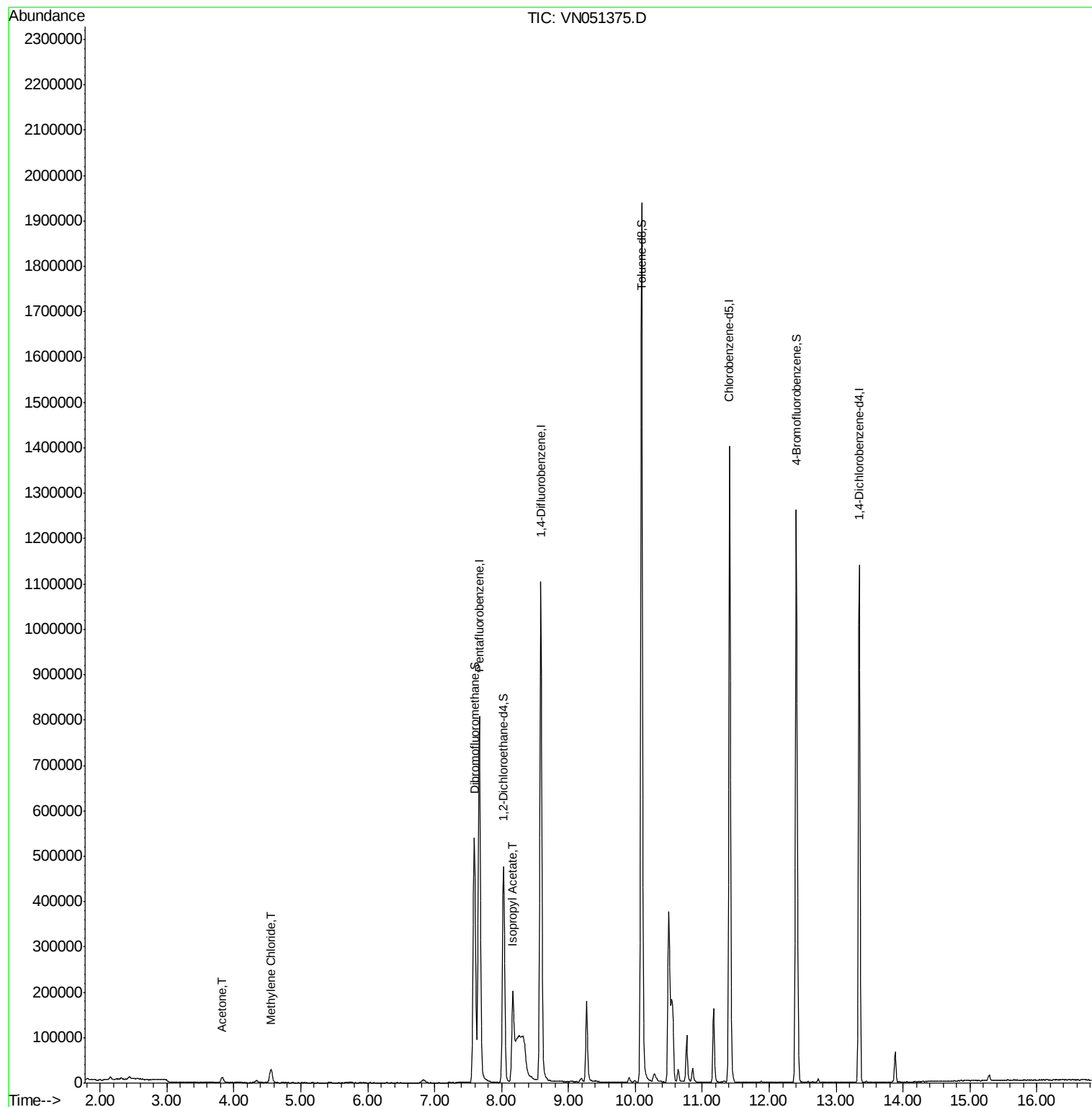
Quant Time: Sep 21 23:49:16 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

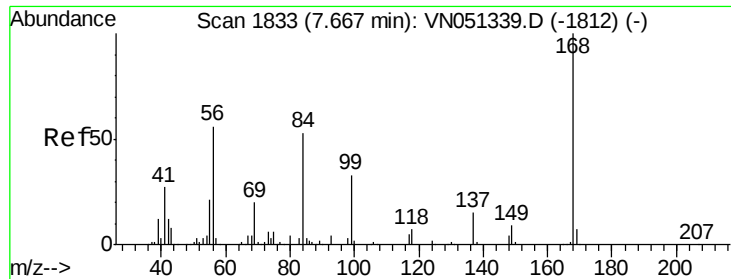
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	739099	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1099387	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	923180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	349691	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	415984	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
35) Dibromofluoromethane	7.59	113	412945	46.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.96%	
50) Toluene-d8	10.09	98	1470941	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
62) 4-Bromofluorobenzene	12.40	95	402343	36.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.42%	
Target Compounds						
16) Acetone	3.82	43	20390	11.676	ug/l	94
20) Methylene Chloride	4.55	84	22407	2.721	ug/l	94
43) Isopropyl Acetate	8.17	43	260218	26.689	ug/l #	92

(#) = 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: VN051375.D

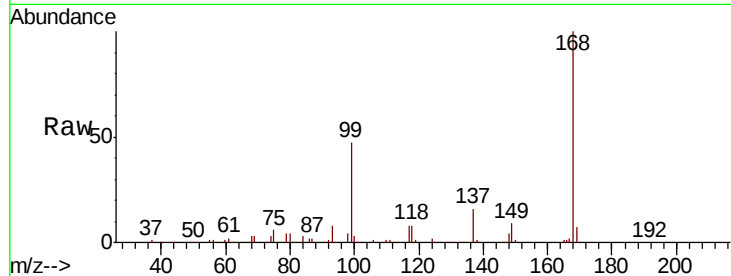
Acq: 21 Sep 2018 17:49

Tot Ion:168 Resp: 739099

Ion Ratio Lower Upper

168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051339.D

Ion 98.90 (98.60 to 99.60): VN051339.D

7.67

300000

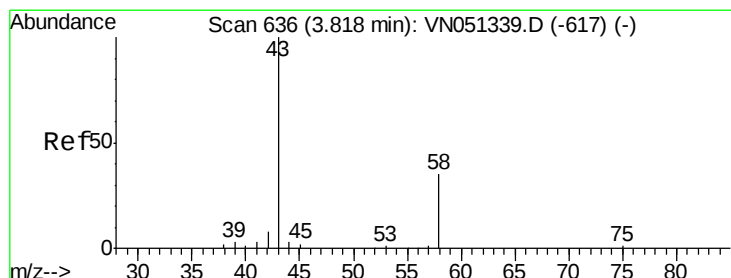
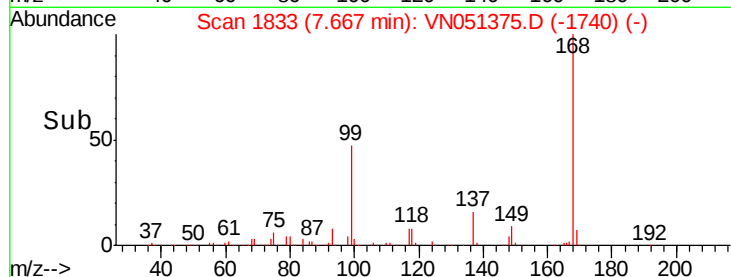
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 11.676 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051375.D

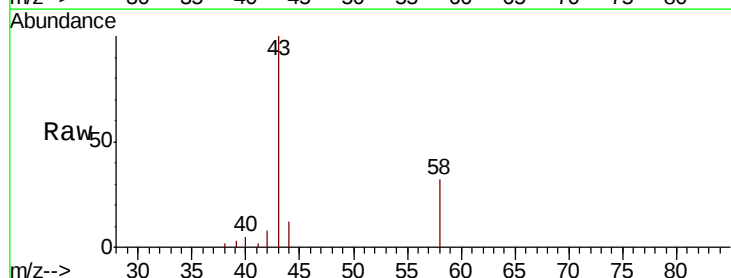
Acq: 21 Sep 2018 17:49

Tgt Ion: 43 Resp: 20390

Ion Ratio Lower Upper

43 100

58 32.1 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D

Ion 58.00 (57.70 to 58.70): VN051339.D

3.82

8000

6000

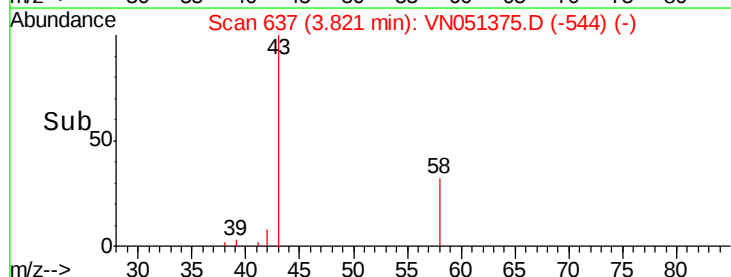
4000

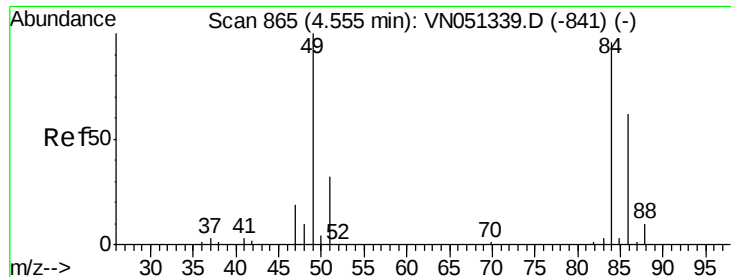
2000

0

3.75 3.80 3.85 3.90

Time-->

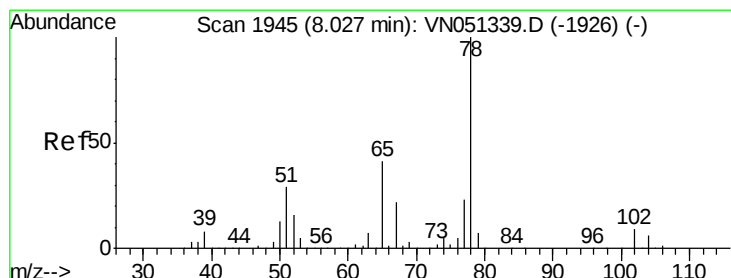
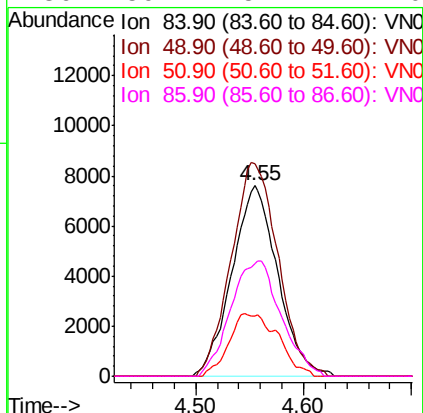
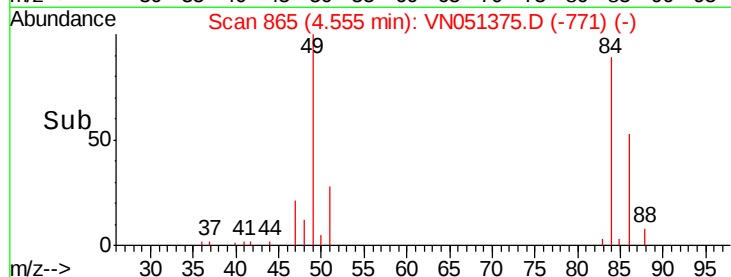
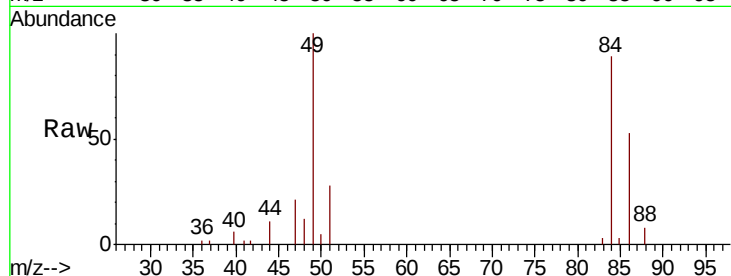




#20
Methylene Chloride
Concen: 2.721 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051375.D
Acq: 21 Sep 2018 17:49

Tot Ion: 84 Resp: 22407

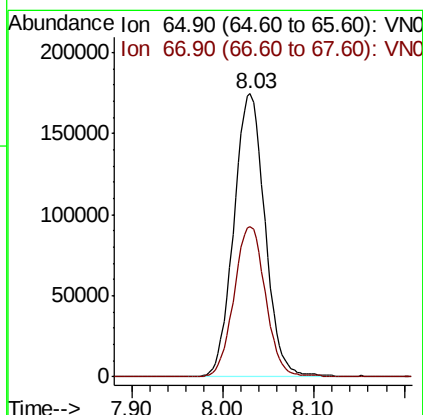
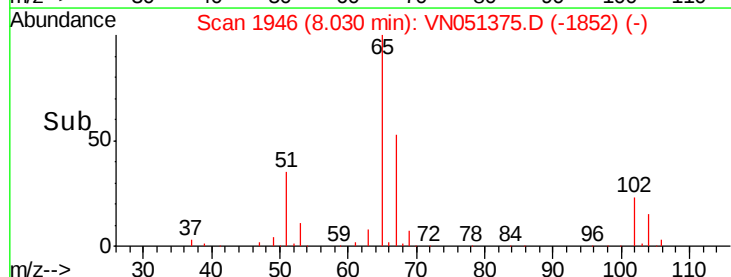
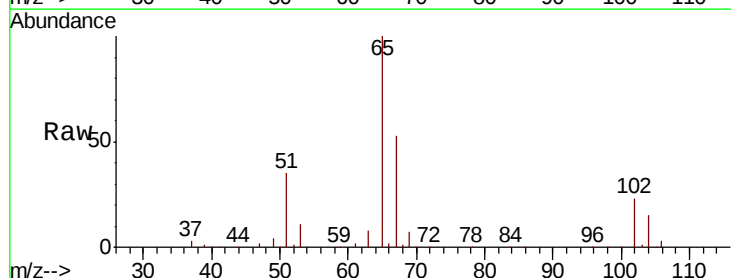
Ion	Ratio	Lower	Upper
84	100		
49	111.8	83.2	124.8
51	31.4	26.4	39.6
86	59.2	51.4	77.0

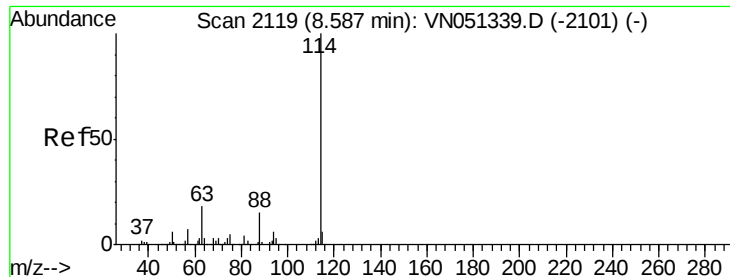


#33
1,2-Dichloroethane-d4
Concen: 51.928 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051375.D
Acq: 21 Sep 2018 17:49

Tgt Ion: 65 Resp: 415984

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	108.8

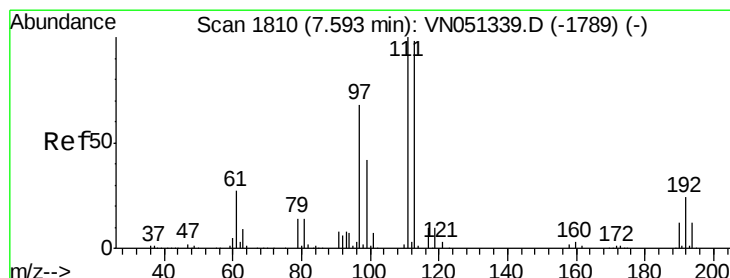
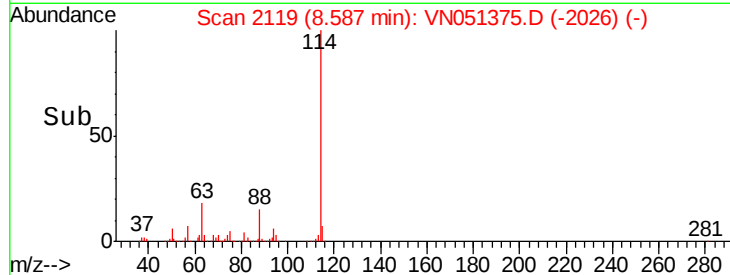
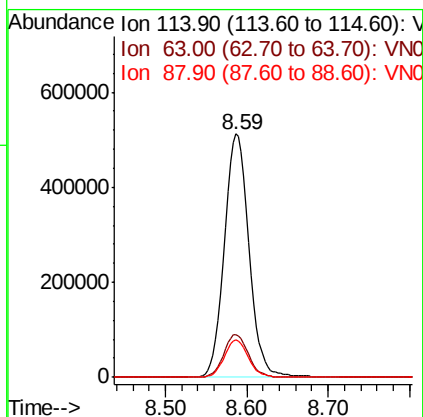
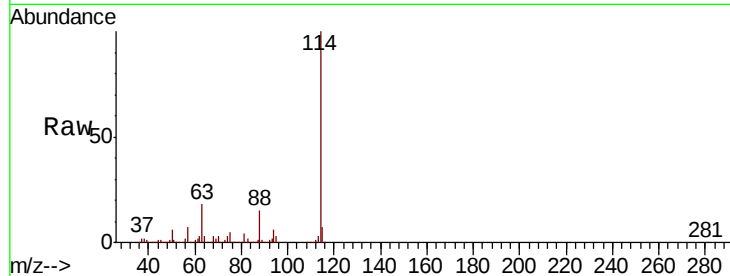




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051375.D
 Acq: 21 Sep 2018 17:49

Tot Ion:114 Resp: 1099387

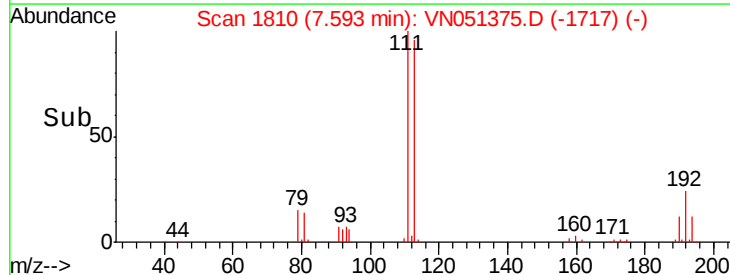
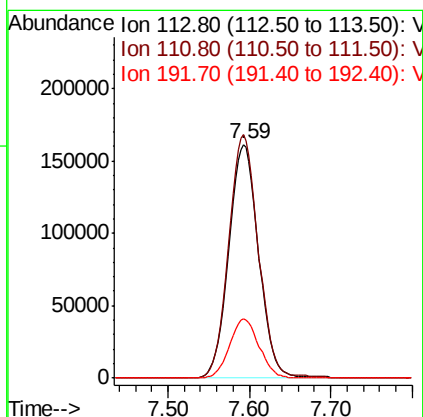
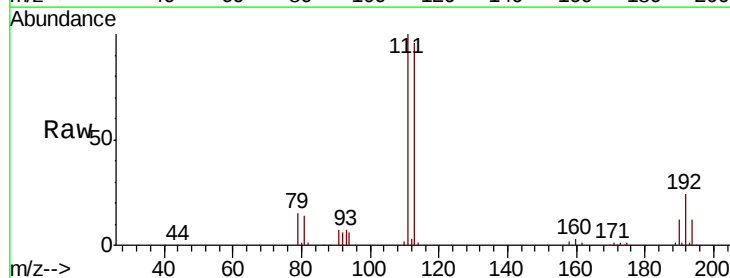
Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	15.4	0.0	29.8

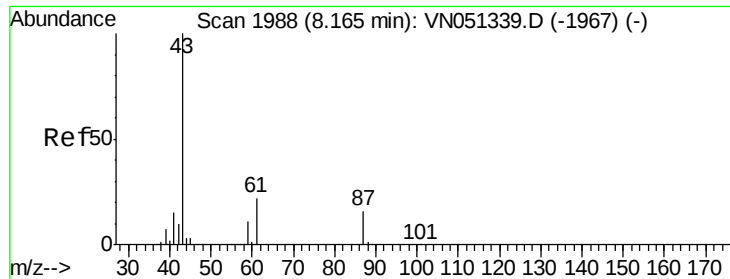


#35
 Dibromofluoromethane
 Concen: 46.479 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN051375.D
 Acq: 21 Sep 2018 17:49

Tgt Ion:113 Resp: 412945

Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	25.1	19.8	29.6





#43

Isopropyl Acetate

Concen: 26.689 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN051375.D

Acq: 21 Sep 2018 17:49

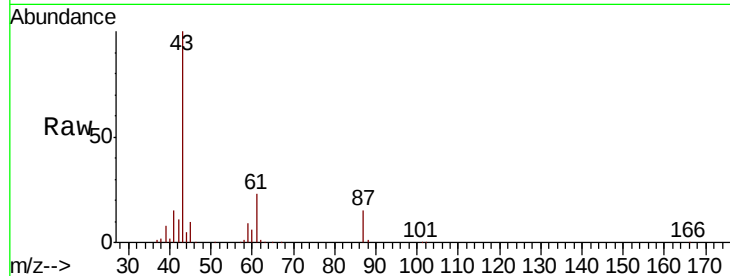
Tot Ion: 43 Resp: 260218

Ion Ratio Lower Upper

43 100

61 18.8 18.1 27.1

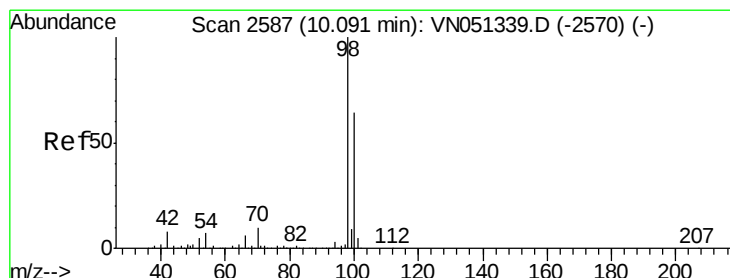
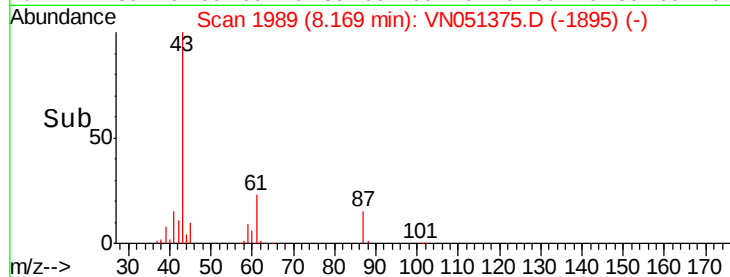
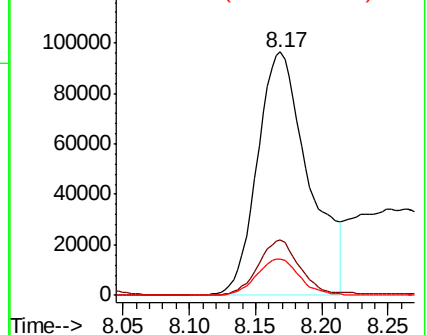
87 12.4 12.8 19.2#



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-1967) (-)

Ion 61.00 (60.70 to 61.70): VN051339.D (-1967) (-)

Ion 87.00 (86.70 to 87.70): VN051339.D (-1967) (-)



#50

Toluene-d8

Concen: 43.067 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN051375.D

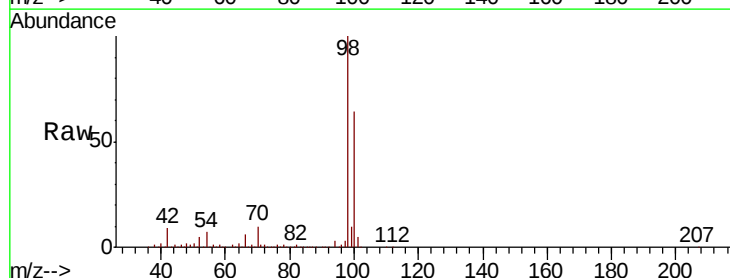
Acq: 21 Sep 2018 17:49

Tgt Ion: 98 Resp: 1470941

Ion Ratio Lower Upper

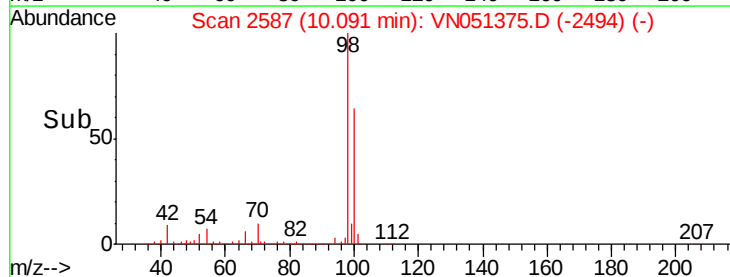
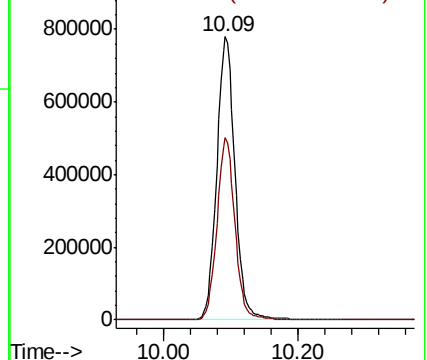
98 100

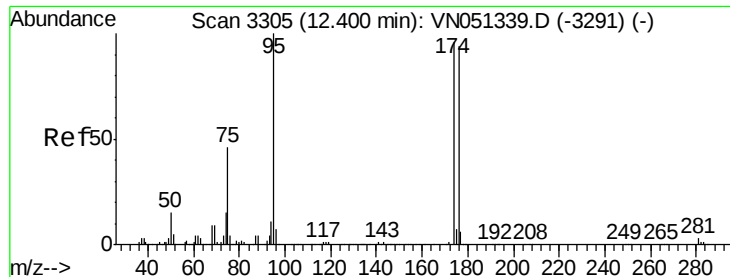
100 63.8 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN051339.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN051339.D (-2570) (-)





#62

4-Bromofluorobenzene

Concen: 36.210 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN051375.D

Acq: 21 Sep 2018 17:49

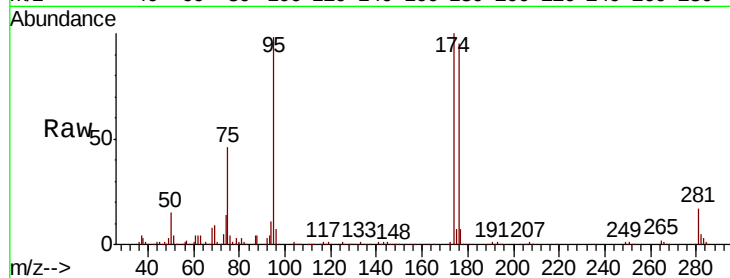
Tot Ion: 95 Resp: 402343

Ion Ratio Lower Upper

95 100

174 99.8 0.0 194.6

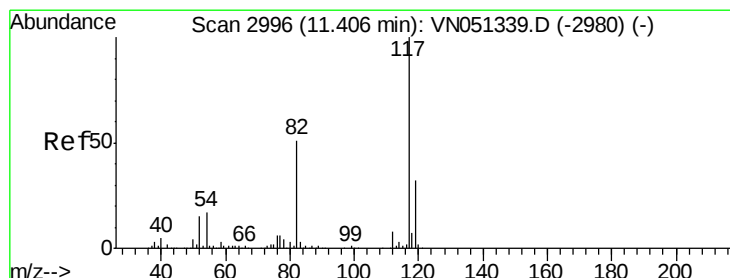
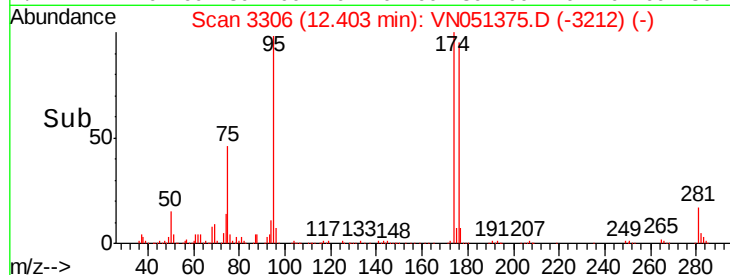
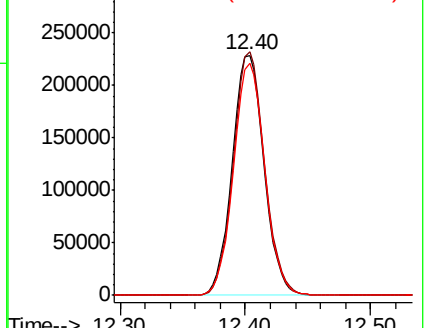
176 95.3 0.0 189.6



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# 2996

Delta R.T. -0.00 min

Lab File: VN051375.D

Acq: 21 Sep 2018 17:49

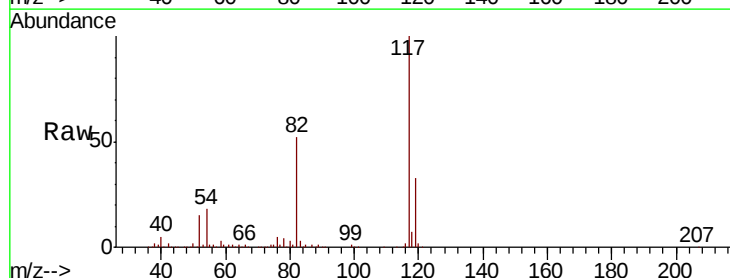
Tgt Ion: 117 Resp: 923180

Ion Ratio Lower Upper

117 100

82 51.7 40.7 61.1

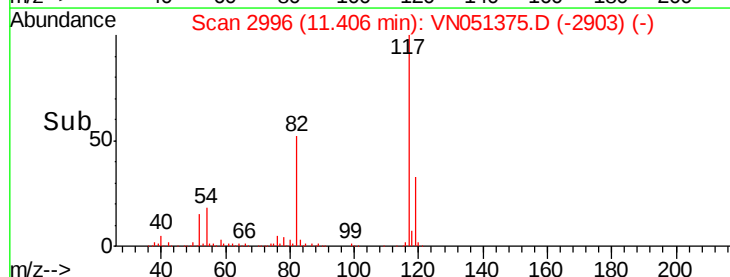
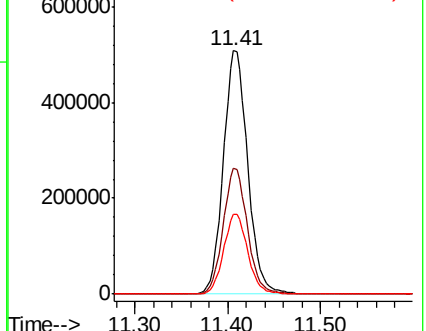
119 32.7 25.3 37.9

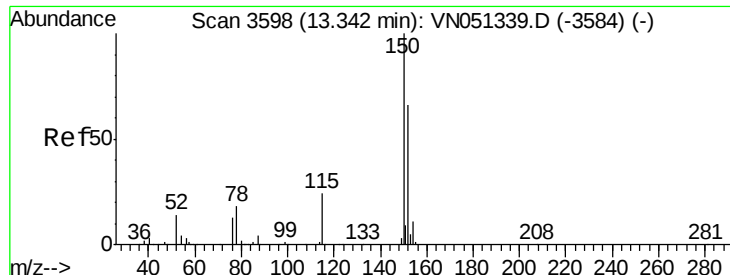


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0

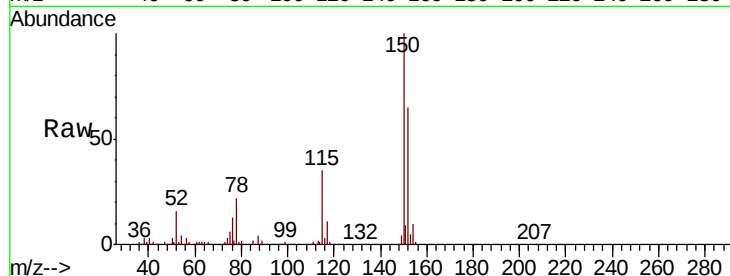




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051375.D
 Acq: 21 Sep 2018 17:49

Tot Ion	Ratio	Lower	Upper
152	100		
115	53.4	26.9	80.7
150	156.1	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

