

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051371.D
 Acq On : 21 Sep 2018 16:10
 Operator : MD\SY
 Sample : PB113086ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

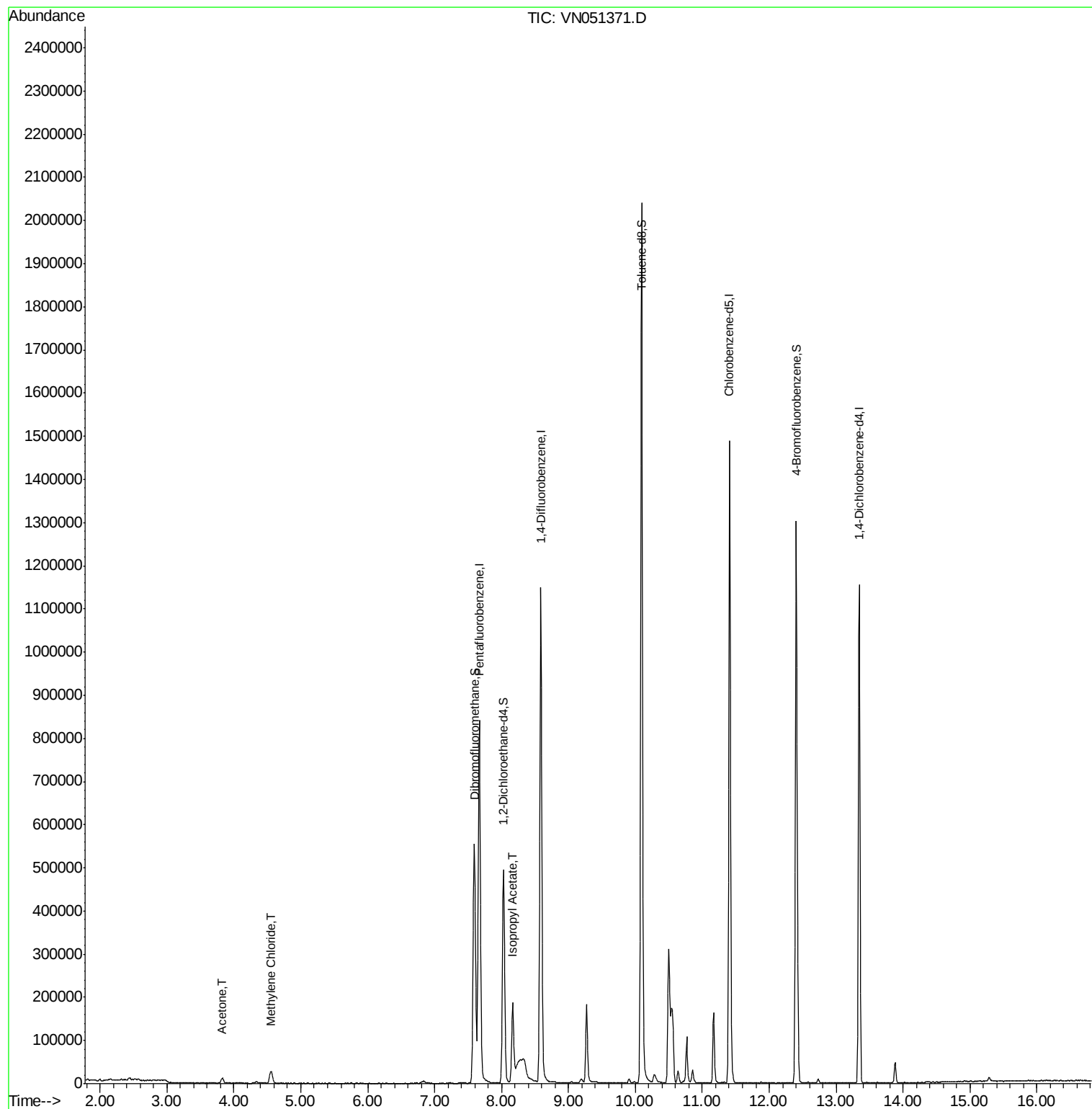
Quant Time: Sep 21 23:39:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

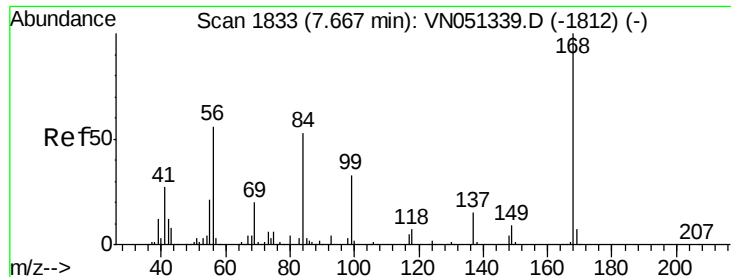
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	763621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1122634	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	969097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	352454	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	423887	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
35) Dibromofluoromethane	7.59	113	424561	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
50) Toluene-d8	10.09	98	1527603	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
62) 4-Bromofluorobenzene	12.40	95	415586	36.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.26%	
Target Compounds						
16) Acetone	3.82	43	20888	11.554	ug/l	97
20) Methylene Chloride	4.55	84	23165	2.723	ug/l	96
43) Isopropyl Acetate	8.17	43	212593	21.353	ug/l	99

(#) = 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: VN051371.D

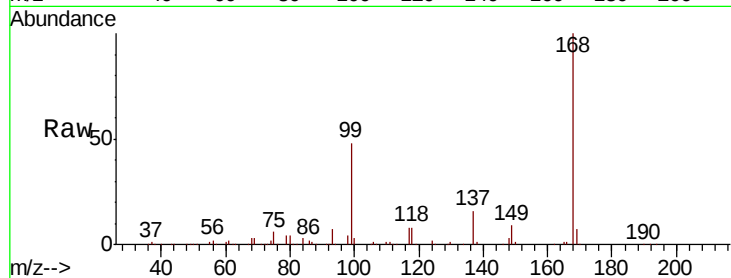
Acq: 21 Sep 2018 16:10

Tot Ion:168 Resp: 763621

Ion Ratio Lower Upper

168 100

99 47.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051339.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN051339.D (-1812) (-)

7.67

300000

200000

100000

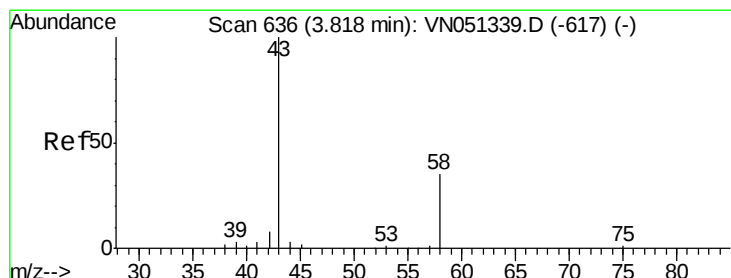
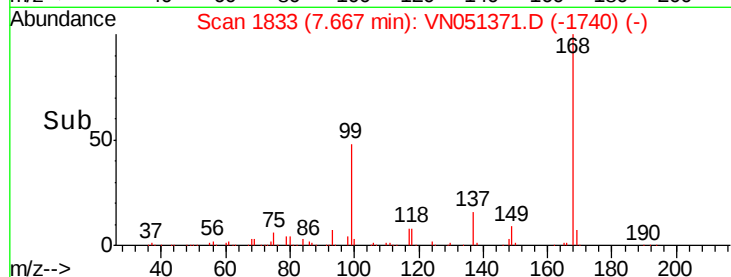
0

Time-->

7.60

7.70

7.80



#16

Acetone

Concen: 11.554 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN051371.D

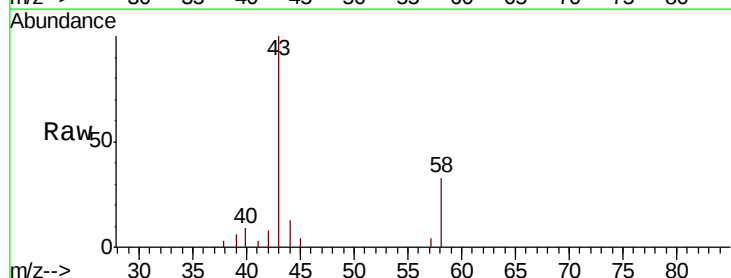
Acq: 21 Sep 2018 16:10

Tgt Ion: 43 Resp: 20888

Ion Ratio Lower Upper

43 100

58 33.4 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN051339.D (-617) (-)

Ion 58.00 (57.70 to 58.70): VN051339.D (-617) (-)

3.82

8000

6000

4000

2000

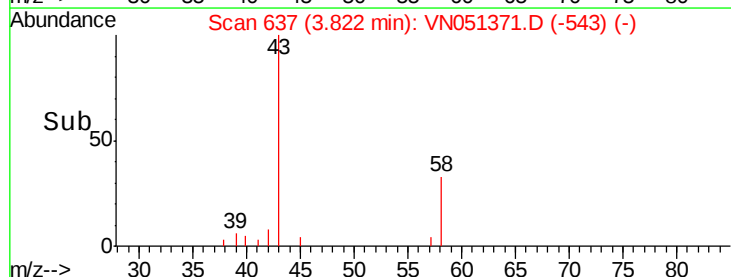
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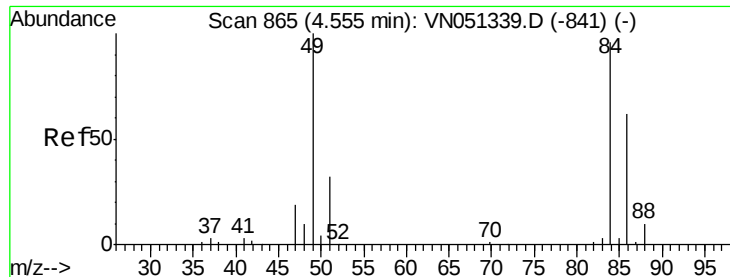
Time-->

3.70

3.80

3.90

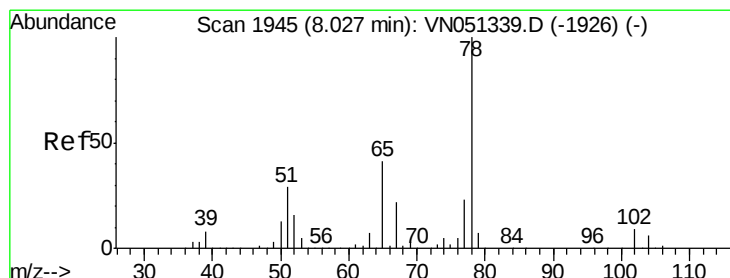
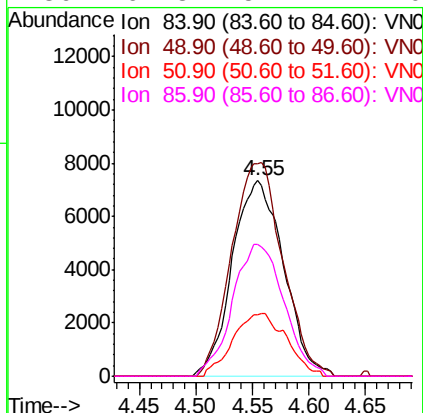
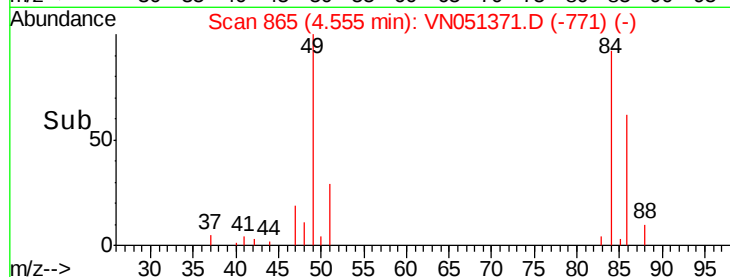
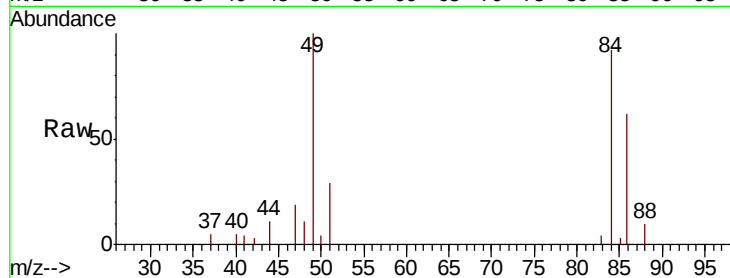




#20
Methvlene Chloride
Concen: 2.723 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN051371.D
Acq: 21 Sep 2018 16:10

Tot Ion: 84 Resp: 23165

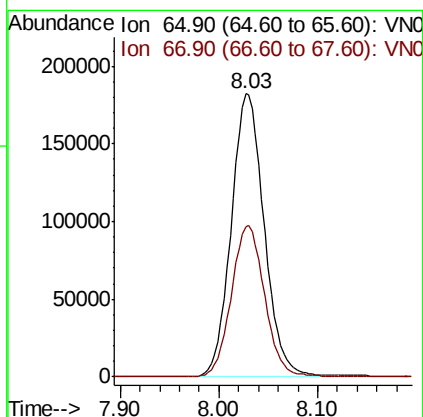
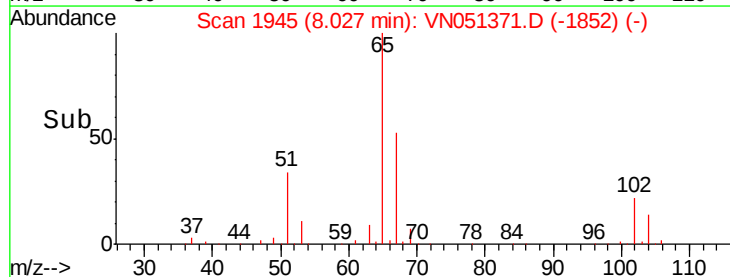
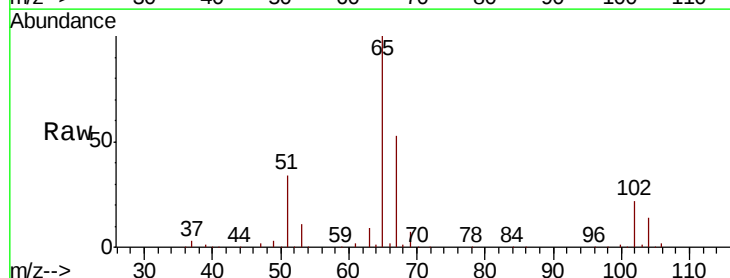
Ion	Ratio	Lower	Upper
84	100		
49	109.0	83.2	124.8
51	31.7	26.4	39.6
86	67.8	51.4	77.0

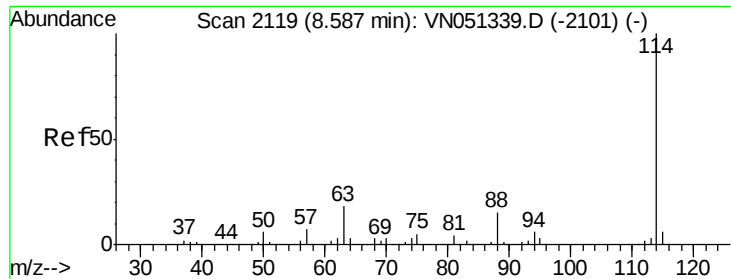


#33
1,2-Dichloroethane-d4
Concen: 51.216 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN051371.D
Acq: 21 Sep 2018 16:10

Tgt Ion: 65 Resp: 423887

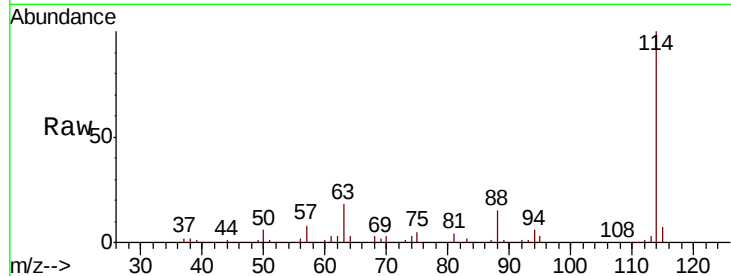
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	108.8



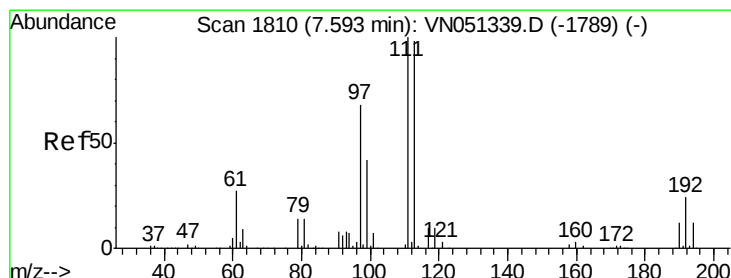
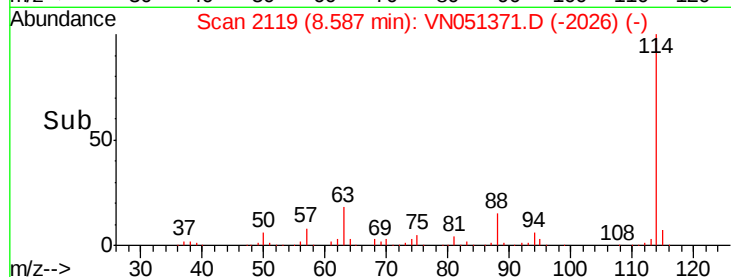
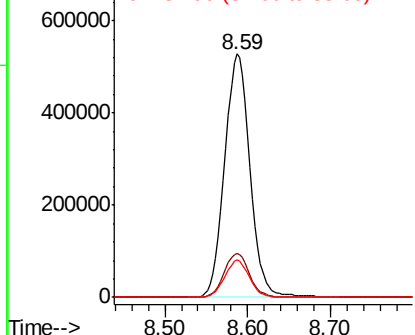


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN051371.D
Acq: 21 Sep 2018 16:10

Tot Ion:114 Resp: 1122634
Ion Ratio Lower Upper
114 100
63 18.1 0.0 36.6
88 15.2 0.0 29.8

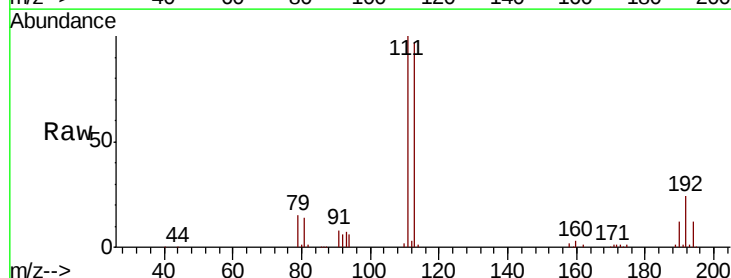


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

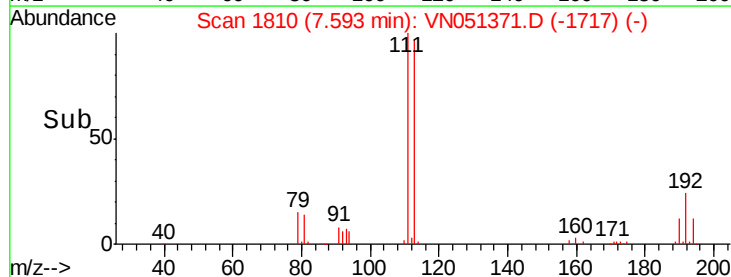
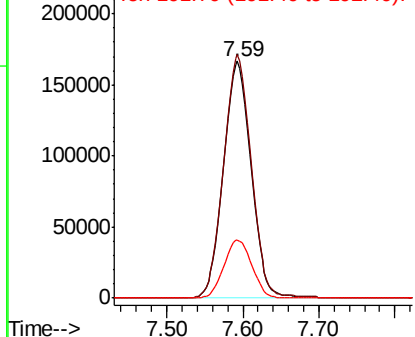


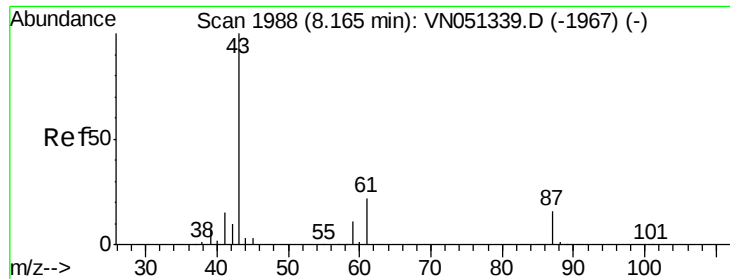
#35
Dibromofluoromethane
Concen: 46.797 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN051371.D
Acq: 21 Sep 2018 16:10

Tgt Ion:113 Resp: 424561
Ion Ratio Lower Upper
113 100
111 102.0 81.9 122.9
192 24.7 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

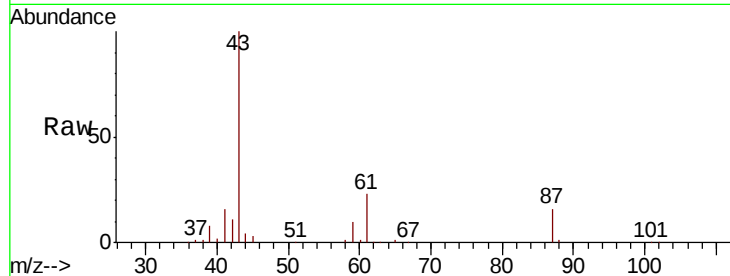




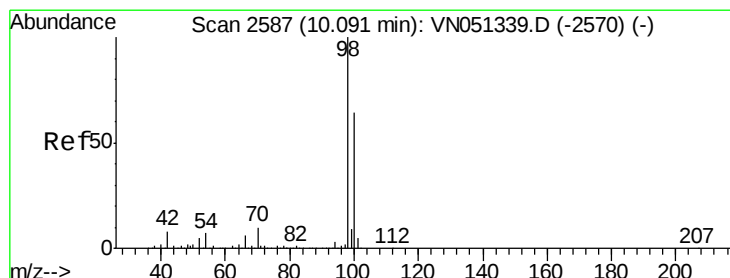
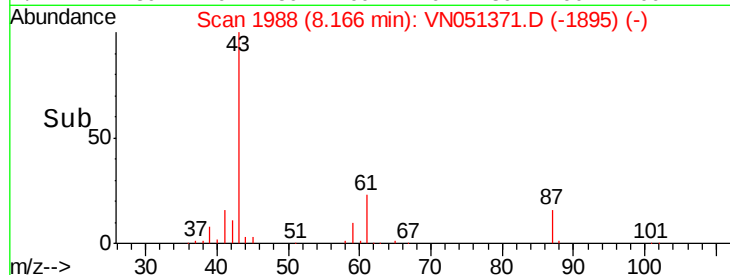
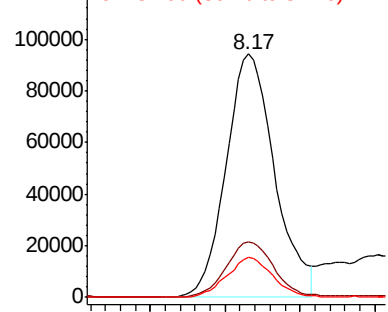
#43

Isopropyl Acetate
 Concen: 21.353 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. -0.00 min
 Lab File: VN051371.D
 Acq: 21 Sep 2018 16:10

Tot Ion	43	61	87
Resp	212593		
Ratio	100	22.7	15.5
Lower		18.1	12.8
Upper		27.1	19.2



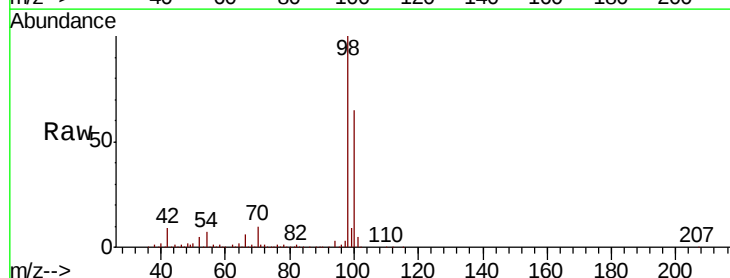
Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 61.00 (60.70 to 61.70): VN0
 Ion 87.00 (86.70 to 87.70): VN0



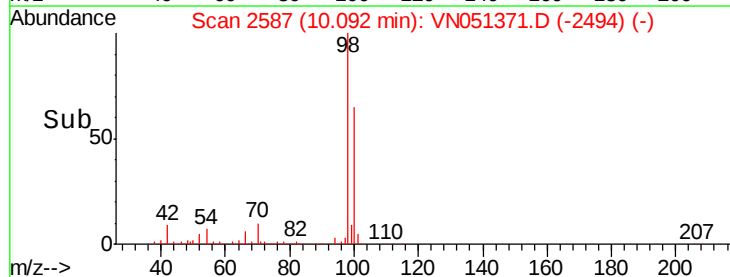
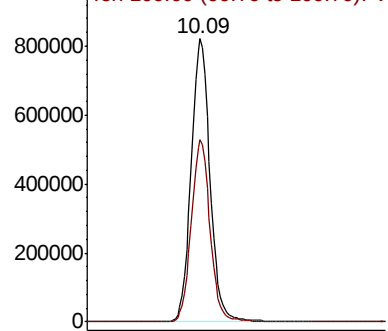
#50

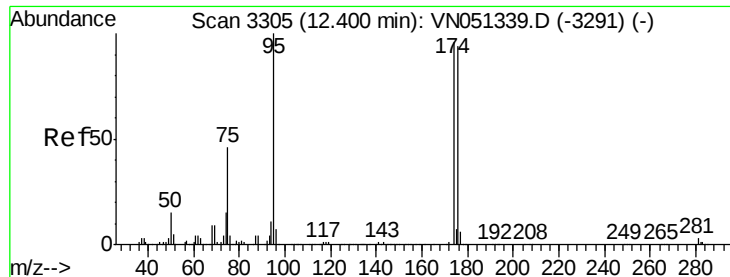
Toluene-d8
 Concen: 43.800 ug/l
 RT: 10.09 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN051371.D
 Acq: 21 Sep 2018 16:10

Tgt Ion	98	100
Resp	1527603	
Ratio	100	64.3
Lower		51.3
Upper		76.9



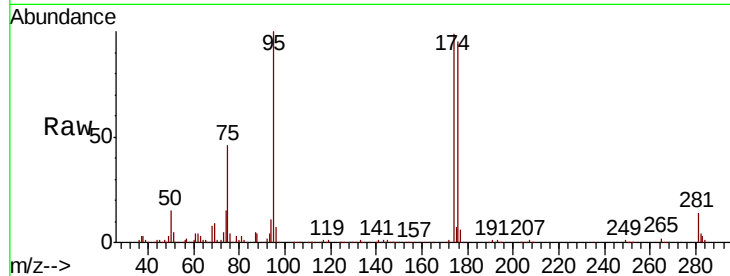
Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0





#62
4-Bromofluorobenzene
Concen: 36.627 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051371.D
Acq: 21 Sep 2018 16:10

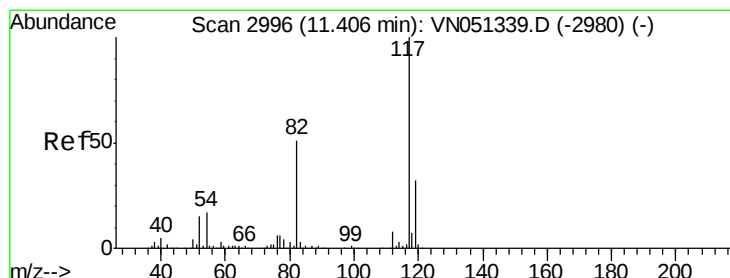
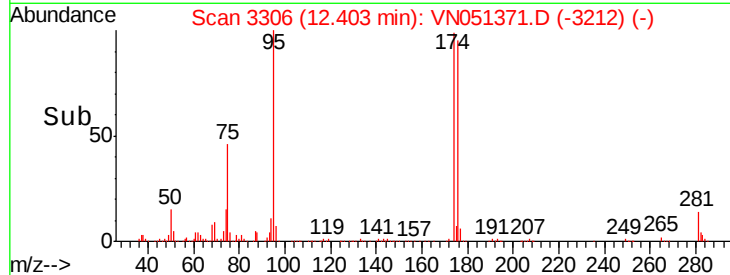
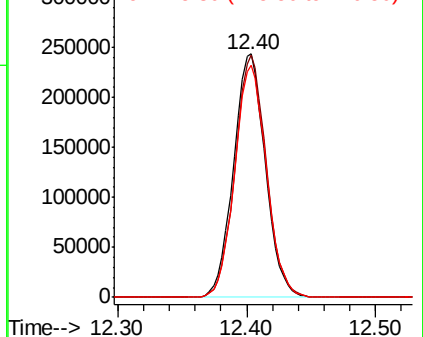
Tot Ion	95	Resp	415586
Ion Ratio	100		
Lower		0.0	194.6
Upper		0.0	189.6



Abundance Ion 94.90 (94.60 to 95.60): VN051339.D (-3291) (-)

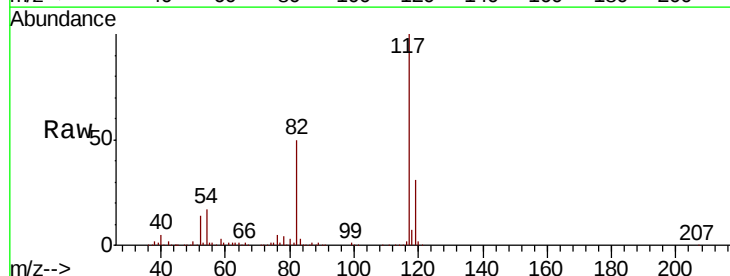
Ion 173.80 (173.50 to 174.50): VN051339.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN051339.D (-3291) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051371.D
Acq: 21 Sep 2018 16:10

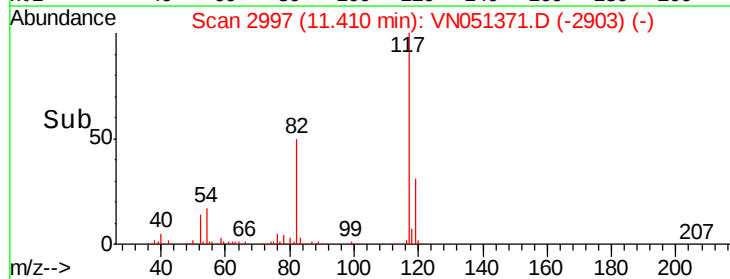
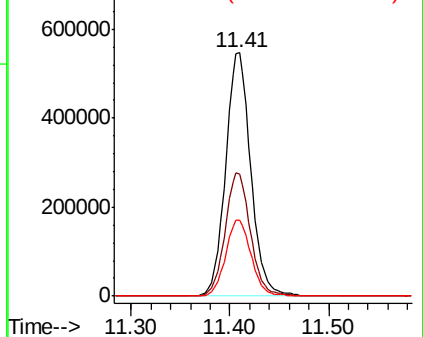
Tgt Ion	117	Resp	969097
Ion Ratio	100		
Lower		40.7	61.1
Upper		25.3	37.9

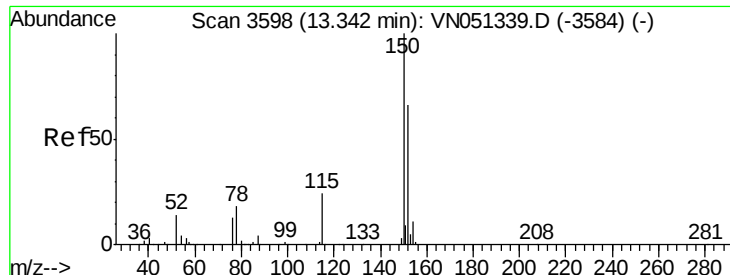


Abundance Ion 116.90 (116.60 to 117.60): VN051339.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN051339.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN051339.D (-2980) (-)

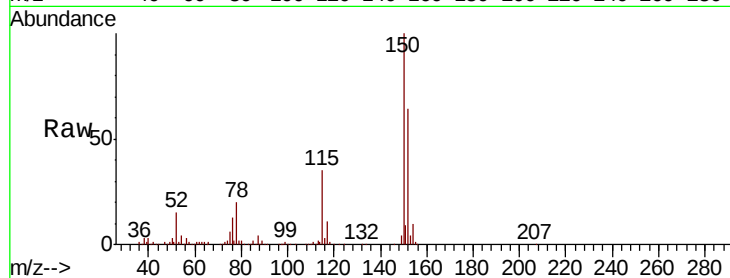




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051371.D
 Acq: 21 Sep 2018 16:10

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.3	26.9	80.7
150	158.3	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

