

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092218\
 Data File : VN051370.D
 Acq On : 21 Sep 2018 15:46
 Operator : MD\SY
 Sample : PB113086ZHE#01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

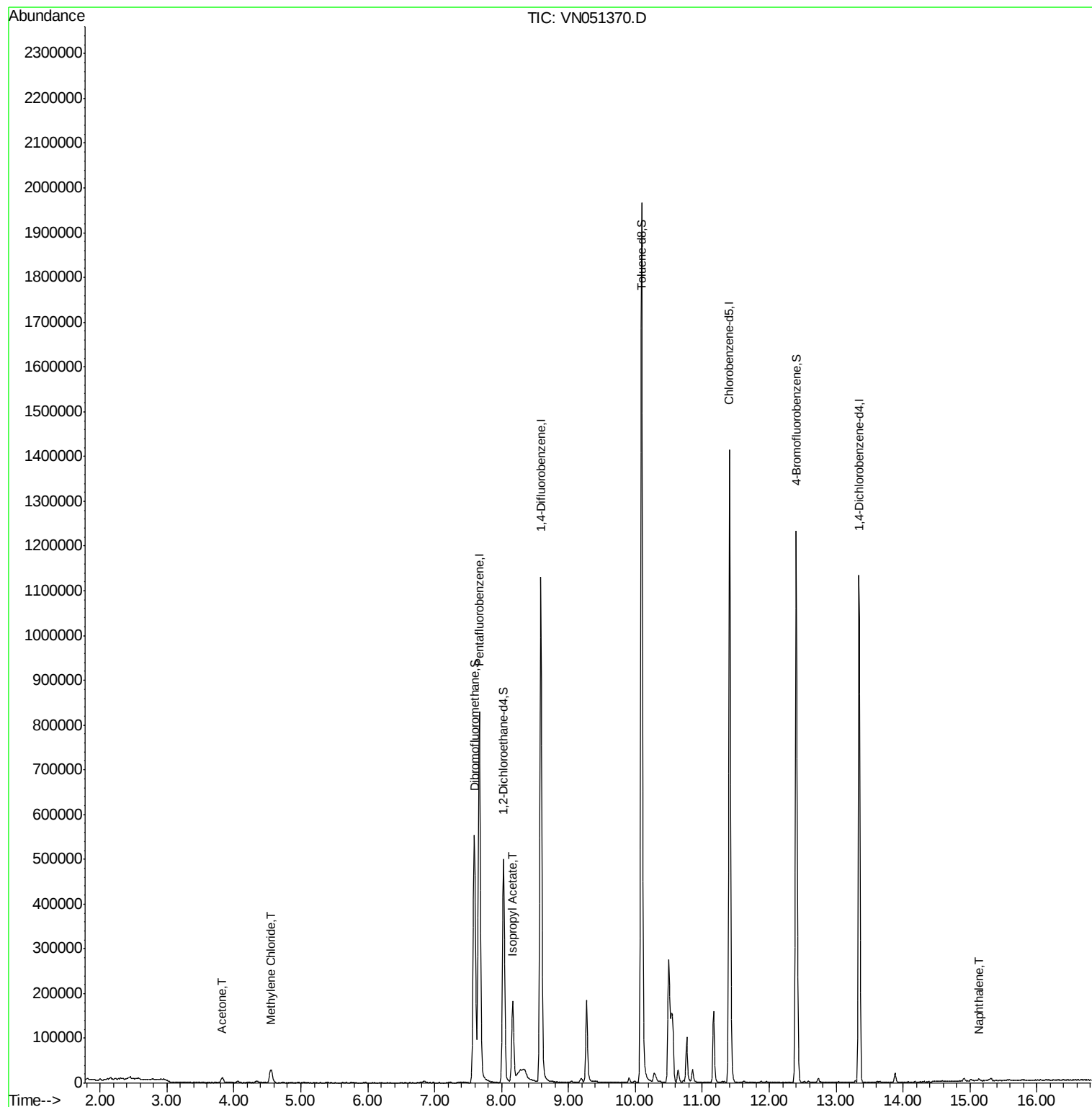
Quant Time: Sep 21 23:37:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092018W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 04:23:57 2018
 Response via : Initial Calibration

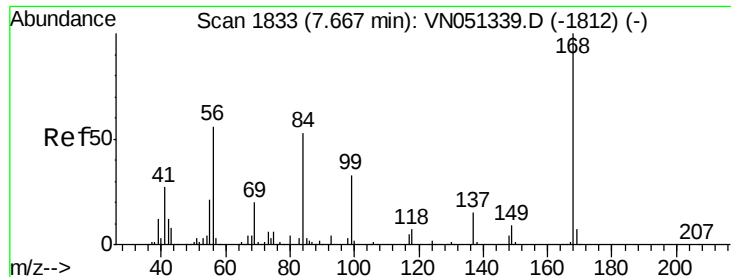
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	770546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1112664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	938289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	344947	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	426577	51.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.16%	
35) Dibromofluoromethane	7.59	113	425813	47.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.72%	
50) Toluene-d8	10.09	98	1519978	43.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.94%	
62) 4-Bromofluorobenzene	12.40	95	406438	36.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.28%	
Target Compounds						
16) Acetone	3.82	43	20189	10.955	ug/l	94
20) Methylene Chloride	4.55	84	24079	2.805	ug/l	97
43) Isopropyl Acetate	8.17	43	213429	21.629	ug/l	100
95) Naphthalene	15.13	128	3988	5.625	ug/l #	90

(#) = 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# 1834

Delta R.T. 0.00 min

Lab File: VN051370.D

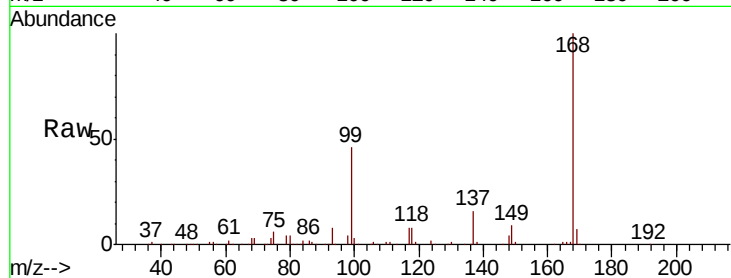
Acq: 21 Sep 2018 15:46

Tot Ion:168 Resp: 770546

Ion Ratio Lower Upper

168 100

99 46.3 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): VN051370.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN051370.D (-1740) (-)

7.67

300000

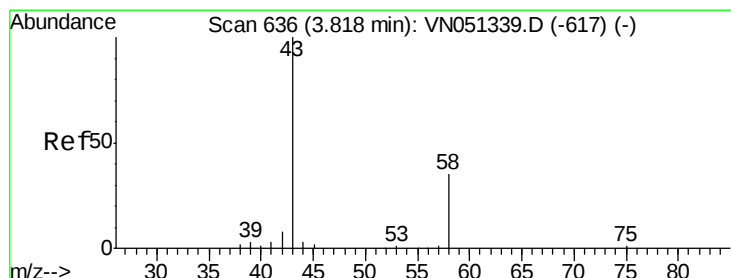
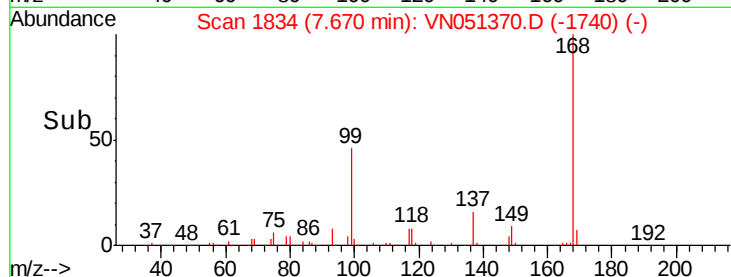
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 10.955 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN051370.D

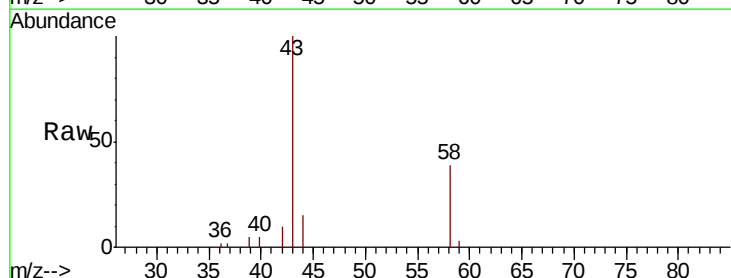
Acq: 21 Sep 2018 15:46

Tgt Ion: 43 Resp: 20189

Ion Ratio Lower Upper

43 100

58 38.7 28.3 42.5



Abundance Ion 43.00 (42.70 to 43.70): VN051370.D (-544) (-)

Ion 58.00 (57.70 to 58.70): VN051370.D (-544) (-)

3.82

8000

6000

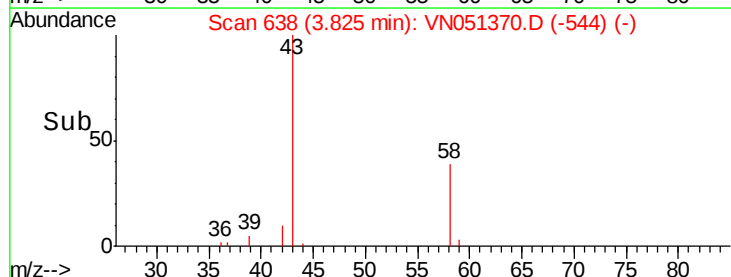
4000

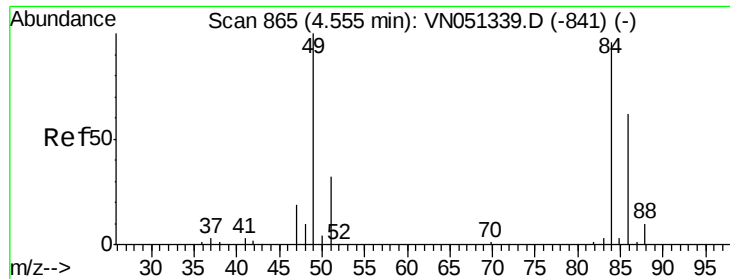
2000

0

3.75 3.80 3.85 3.90

Time-->

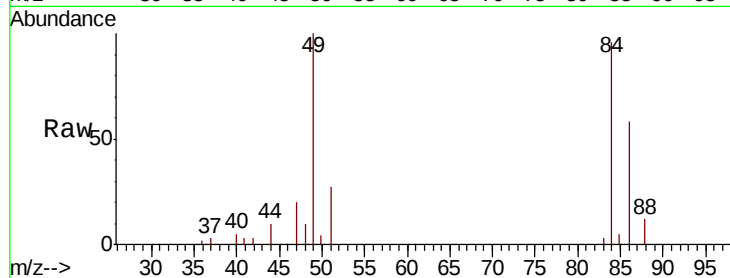




#20
Methvlene Chloride
Concen: 2.805 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051370.D
Acq: 21 Sep 2018 15:46

Tot Ion: 84 Resp: 24079

Ion	Ratio	Lower	Upper
84	100		
49	104.0	83.2	124.8
51	28.0	26.4	39.6
86	60.8	51.4	77.0



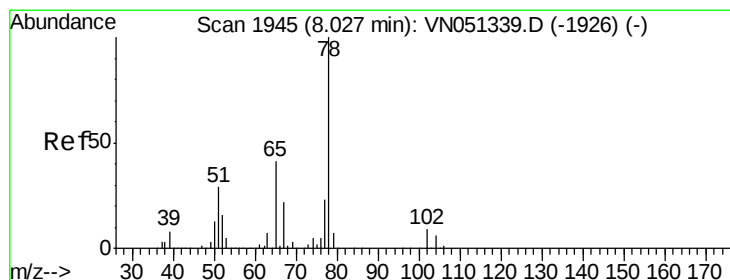
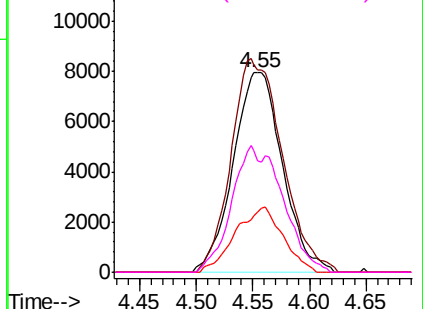
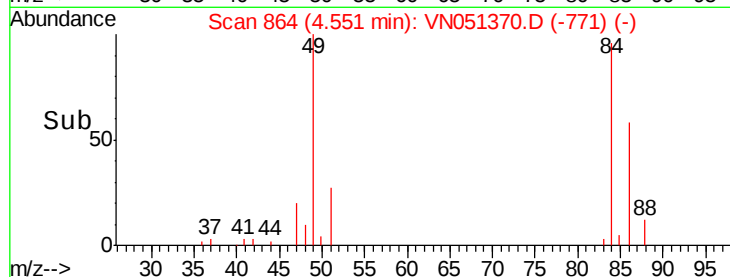
Abundance

Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

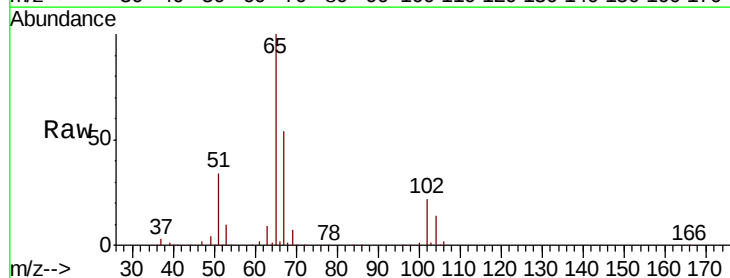
Ion 85.90 (85.60 to 86.60): VNO



#33
1,2-Dichloroethane-d4
Concen: 51.077 ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN051370.D
Acq: 21 Sep 2018 15:46

Tgt Ion: 65 Resp: 426577

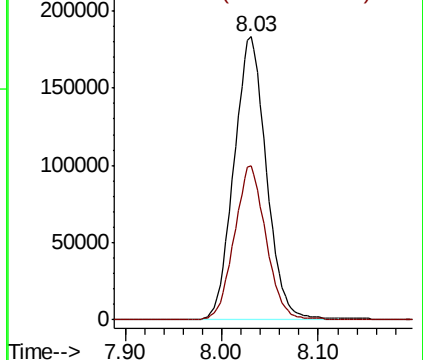
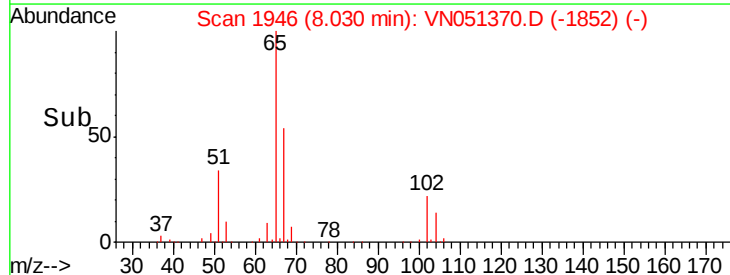
Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	108.8

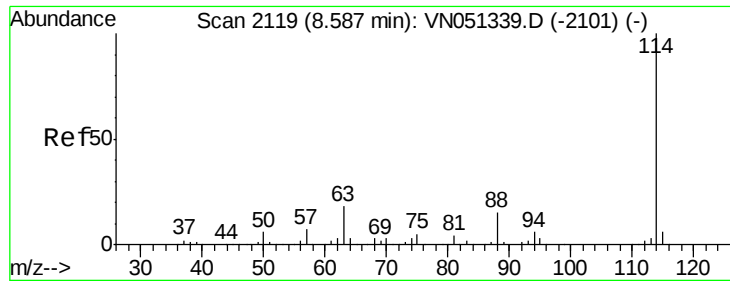


Abundance

Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

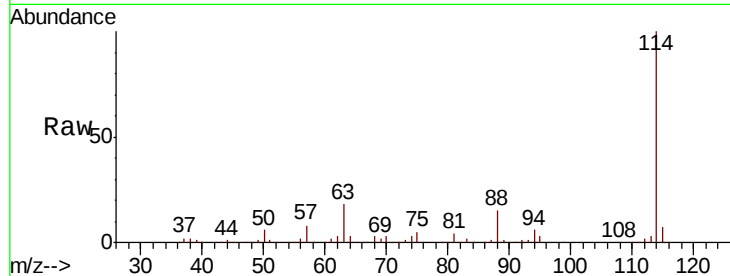




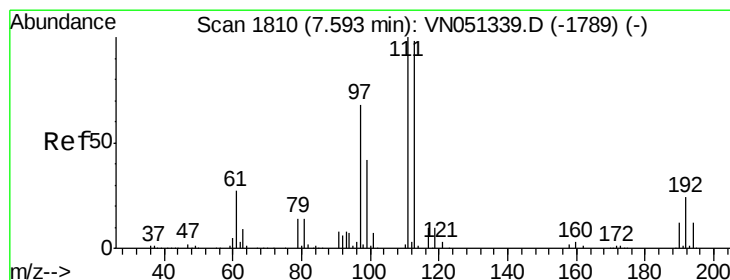
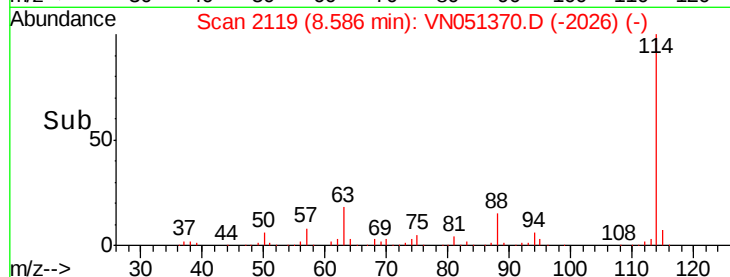
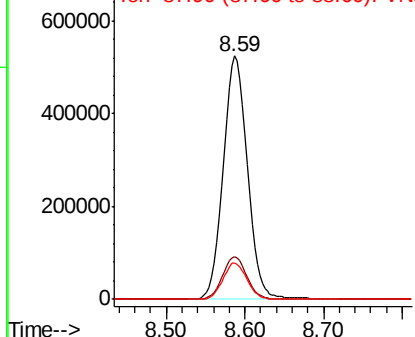
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VN051370.D
Acq: 21 Sep 2018 15:46

Tot Ion:114 Resp: 1112664

Ion	Ratio	Lower	Upper
114	100		
63	17.6	0.0	36.6
88	15.0	0.0	29.8



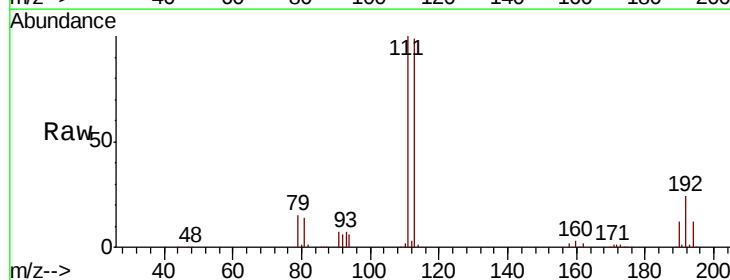
Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN



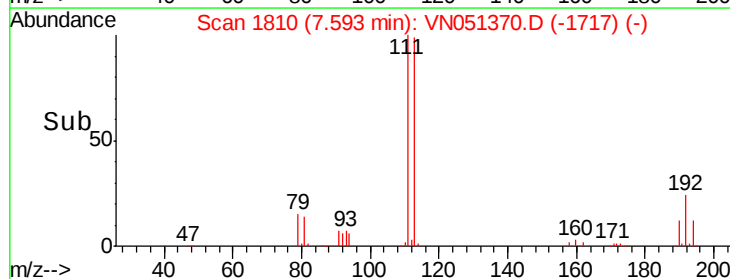
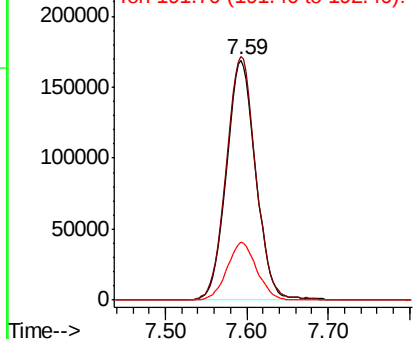
#35
Dibromofluoromethane
Concen: 47.356 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051370.D
Acq: 21 Sep 2018 15:46

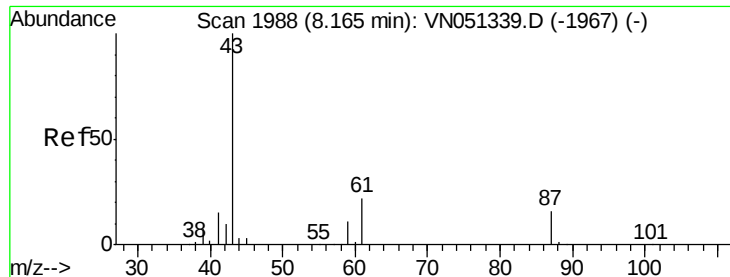
Tgt Ion:113 Resp: 425813

Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	24.4	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: 21.629 ug/l

RT: 8.17 min Scan# 1988

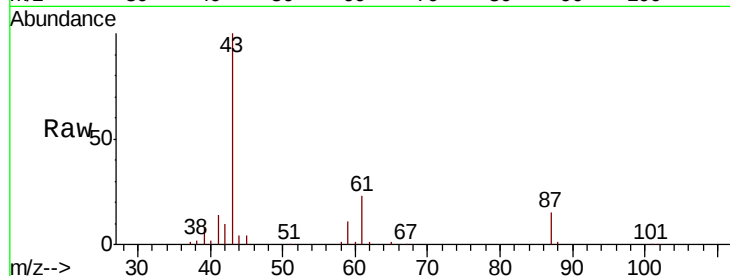
Delta R.T. -0.00 min

Lab File: VN051370.D

Acq: 21 Sep 2018 15:46

Tot Ion: 43 Resp: 213429

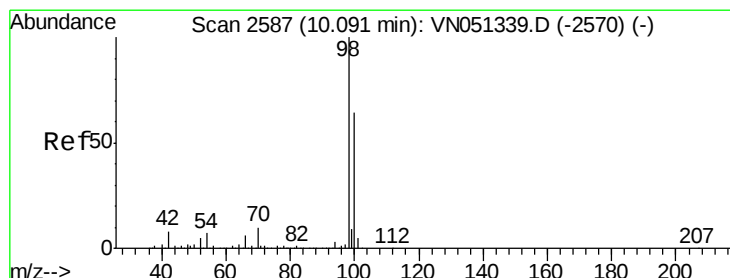
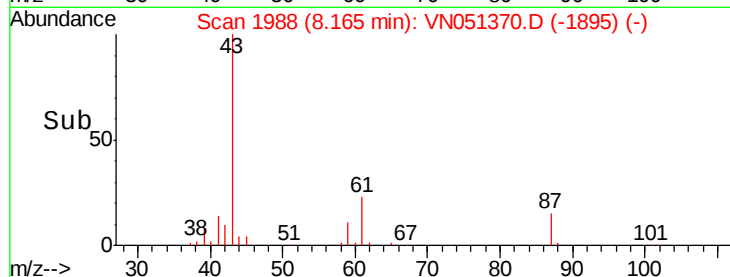
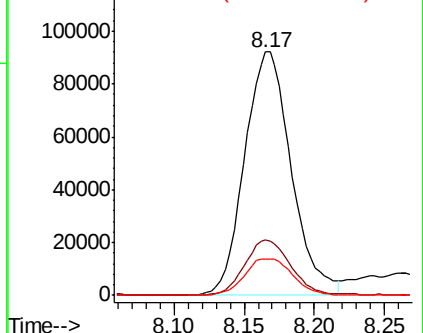
Ion	Ratio	Lower	Upper
43	100		
61	22.6	18.1	27.1
87	15.6	12.8	19.2



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: 43.972 ug/l

RT: 10.09 min Scan# 2587

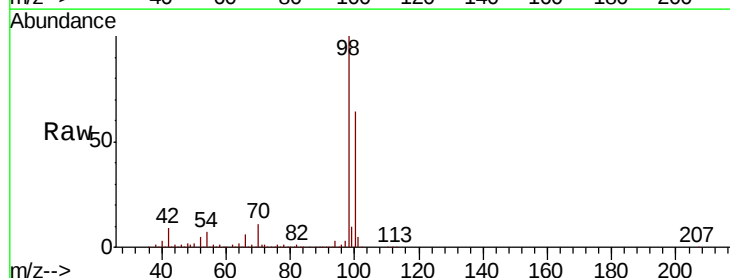
Delta R.T. -0.00 min

Lab File: VN051370.D

Acq: 21 Sep 2018 15:46

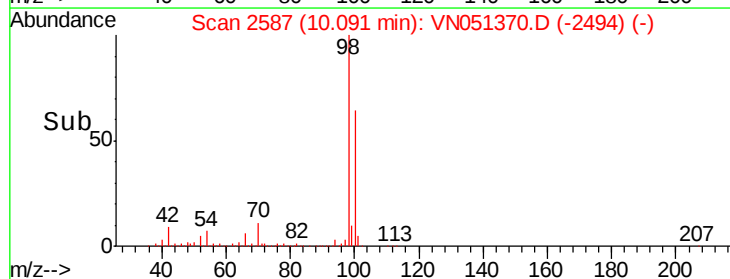
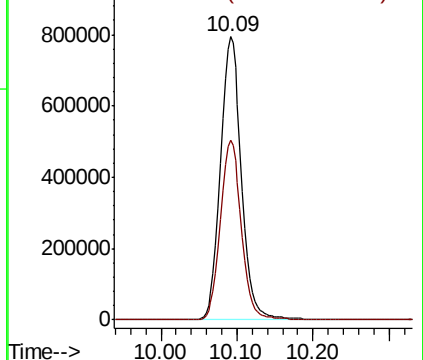
Tgt Ion: 98 Resp: 1519978

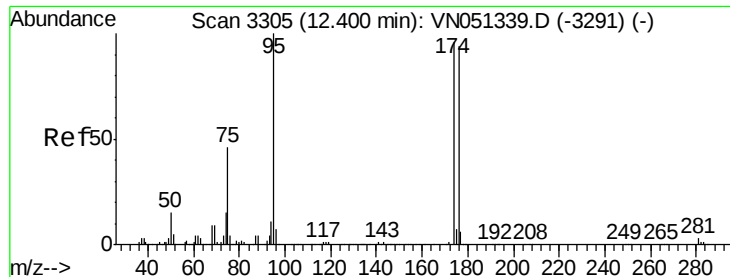
Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9



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

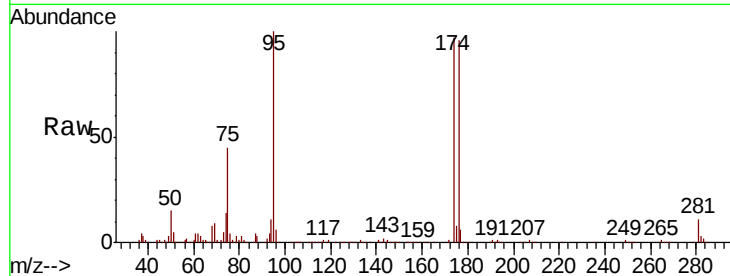
Ion 100.00 (99.70 to 100.70): VN051339.D (-2570) (-)





#62
4-Bromofluorobenzene
Concen: 36.142 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051370.D
Acq: 21 Sep 2018 15:46

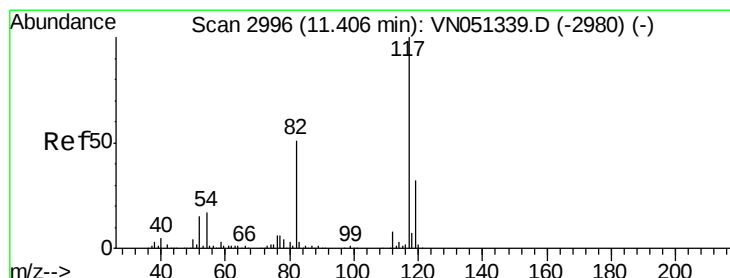
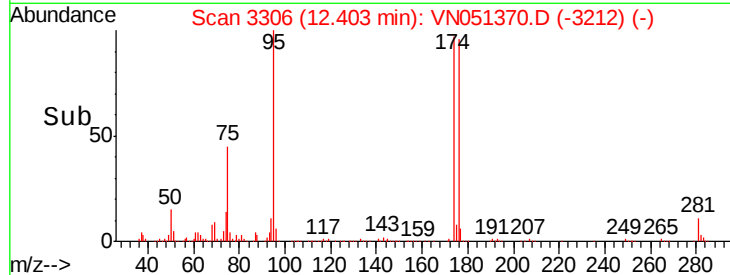
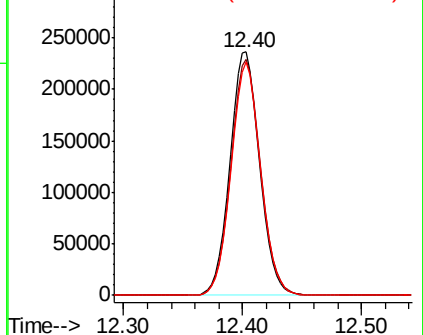
Tot Ion	95	Resp	406438
Ion Ratio	100		
Lower		0.0	194.6
Upper		0.0	189.6



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

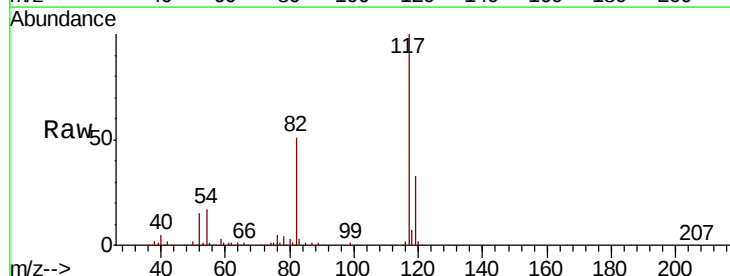
Ion 173.80 (173.50 to 174.50): VN051339.D (-3291) (-)

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



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN051370.D
Acq: 21 Sep 2018 15:46

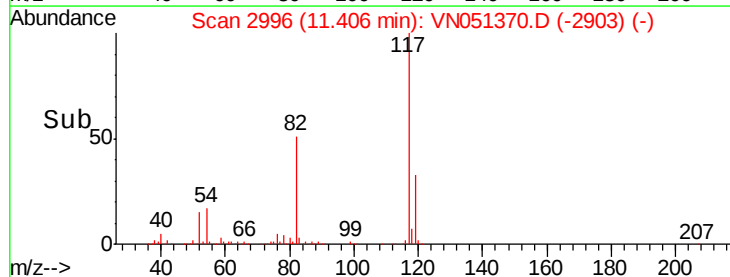
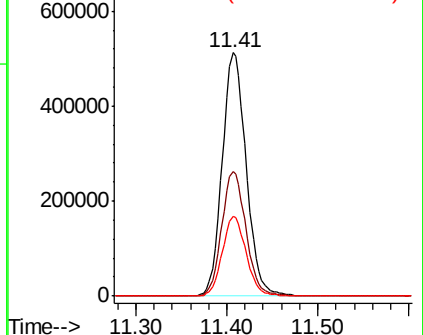
Tgt Ion	117	Resp	938289
Ion Ratio	100		
Lower		40.7	61.1
Upper		25.3	37.9

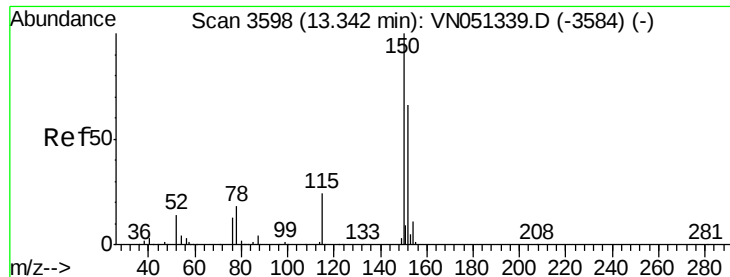


Abundance Ion 116.90 (116.60 to 117.60): VN051339.D (-2980) (-)

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

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

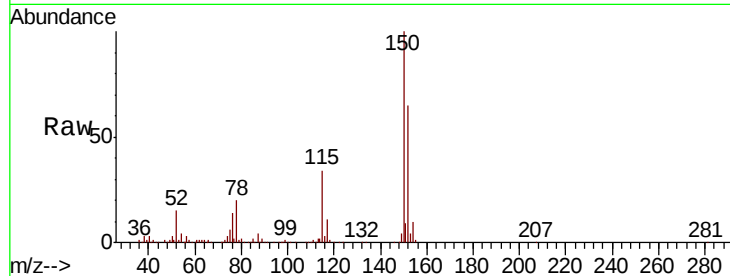




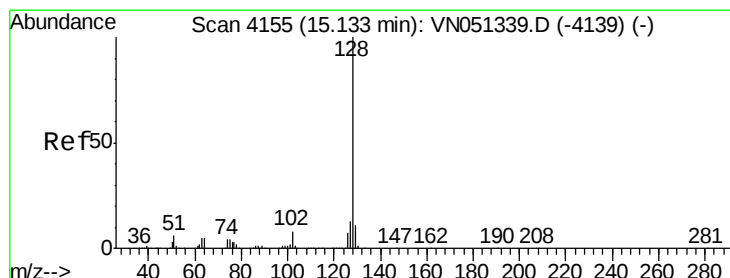
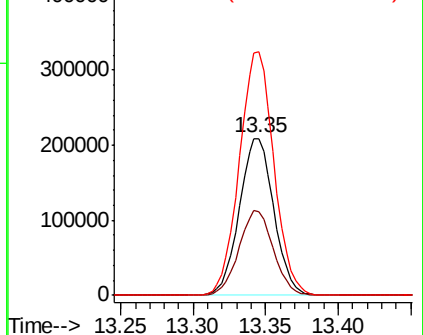
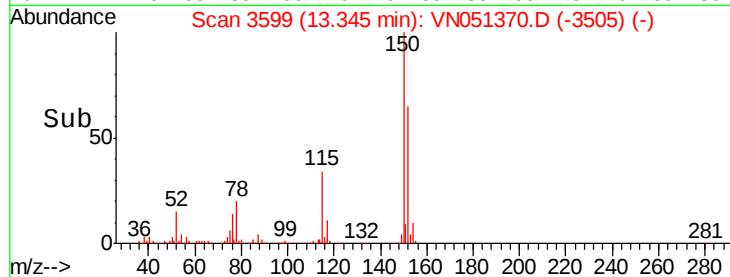
#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN051370.D
 Acq: 21 Sep 2018 15:46

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.0	26.9	80.7
150	155.6	0.0	345.0



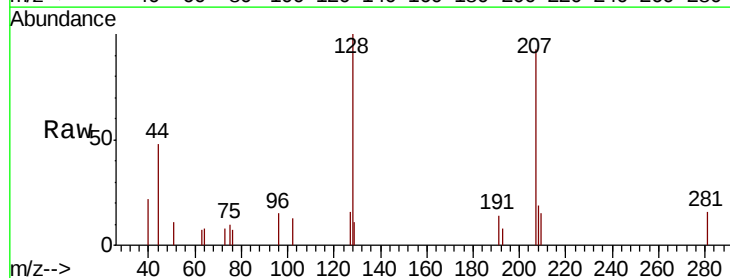
Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
 Concen: 5.625 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN051370.D
 Acq: 21 Sep 2018 15:46

Tgt Ion	Ratio	Lower	Upper
128	100		
127	9.9	10.3	15.5#
129	5.8	8.6	13.0#



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

