

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054075.D
 Acq On : 4 Mar 2019 19:34
 Operator : JC/SP
 Sample : K1688-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

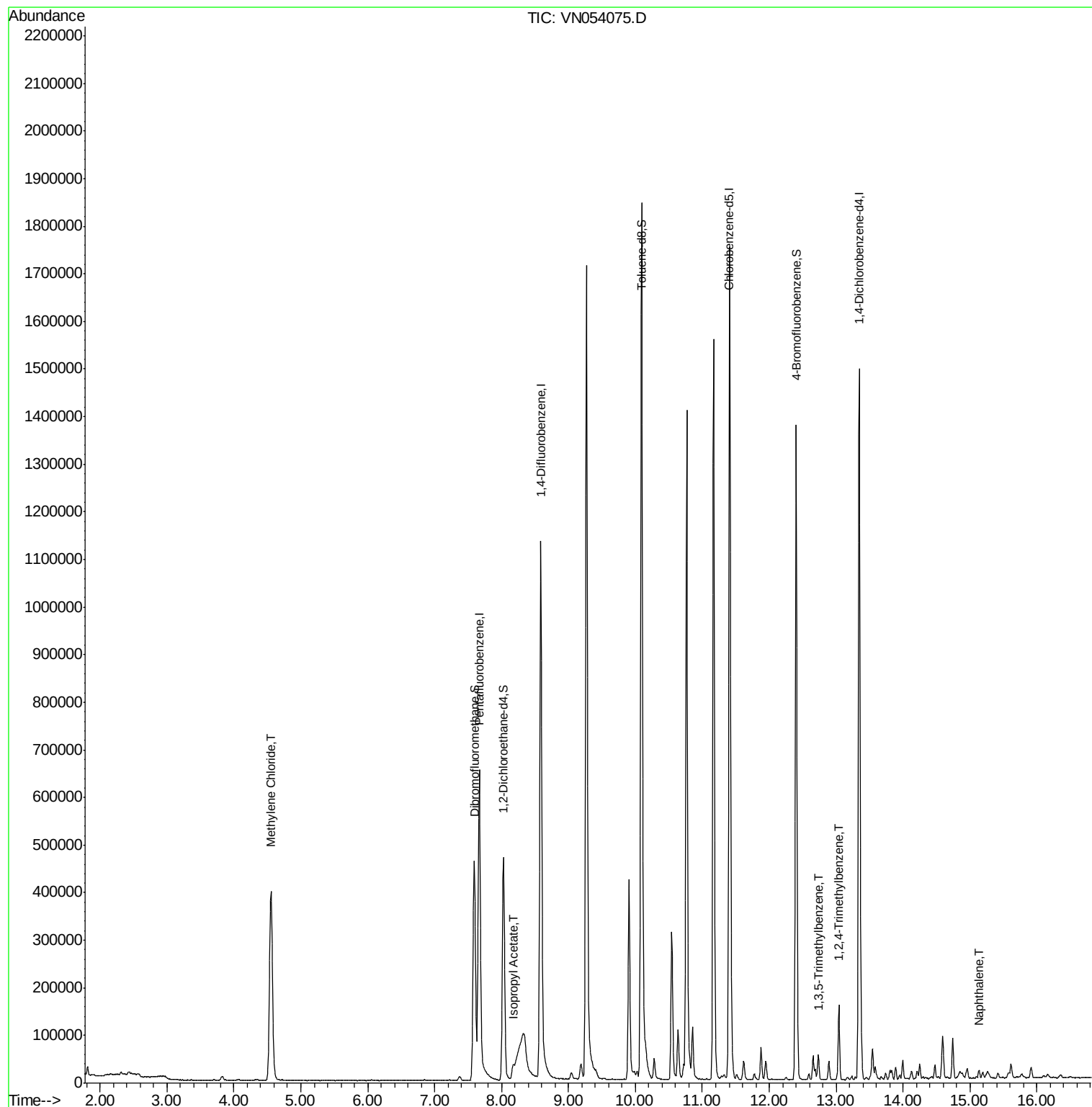
Quant Time: Mar 05 00:37:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

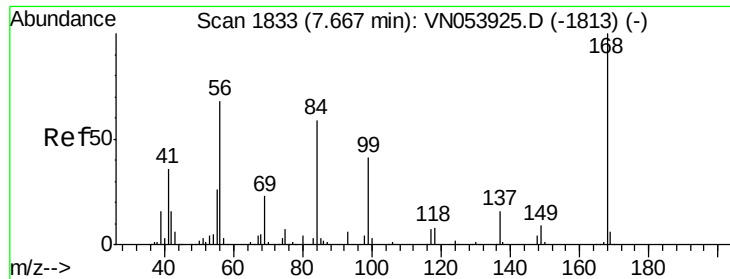
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	608815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1099792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	413520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	401287	56.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.46%	
35) Dibromofluoromethane	7.59	113	359486	49.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.16%	
50) Toluene-d8	10.09	98	1434671	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.40	95	478697	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
Target Compounds						
20) Methylene Chloride	4.55	84	302767	42.864	ug/l	89
43) Isopropyl Acetate	8.17	43	41924	3.335	ug/l #	86
80) 1,3,5-Trimethylbenzene	12.73	105	26542	1.007	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	87937	3.342	ug/l	98
95) Naphthalene	15.13	128	14086	4.017	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054075.D

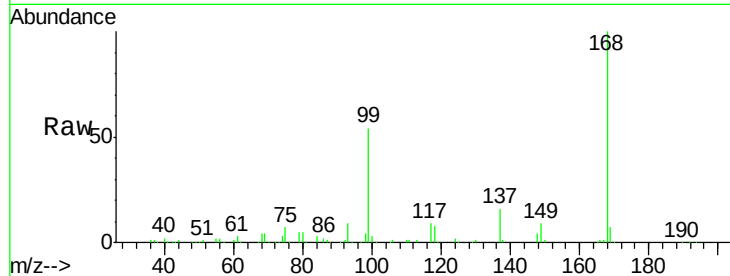
Acq: 4 Mar 2019 19:34

Tot Ion:168 Resp: 608815

Ion Ratio Lower Upper

168 100

99 53.8 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

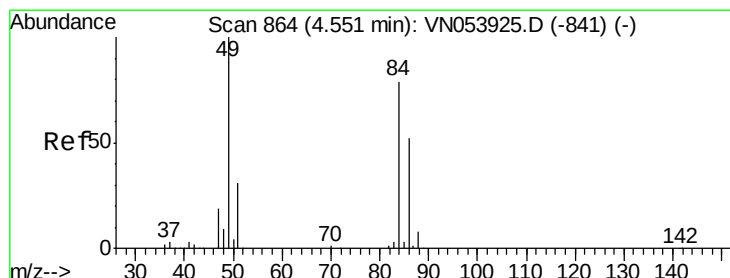
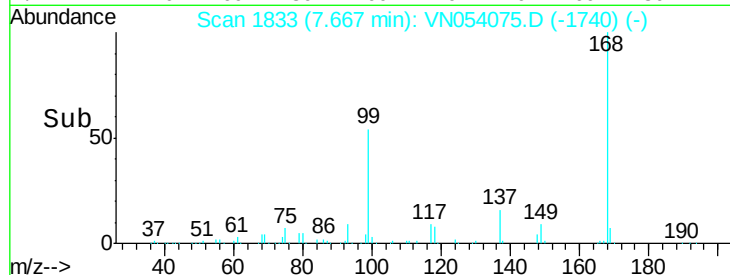
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 42.864 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054075.D

Acq: 4 Mar 2019 19:34

Tgt Ion: 84 Resp: 302767

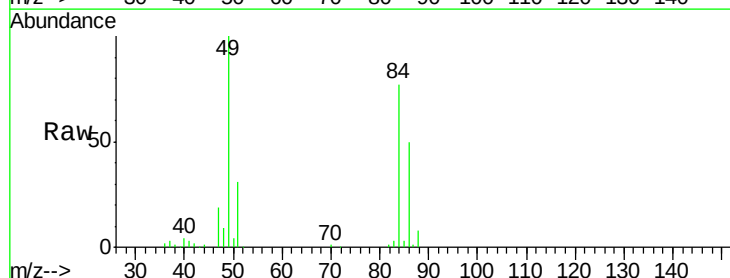
Ion Ratio Lower Upper

84 100

49 129.7 89.7 134.5

51 40.3 27.8 41.8

86 65.5 51.3 76.9



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

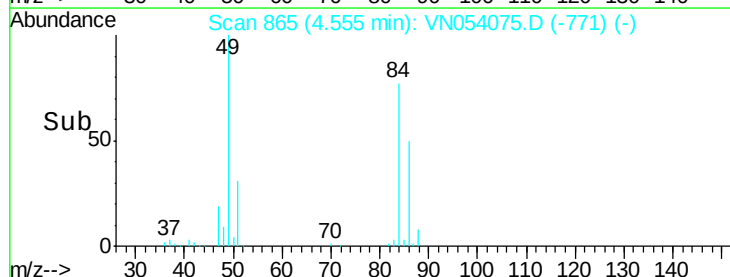
150000

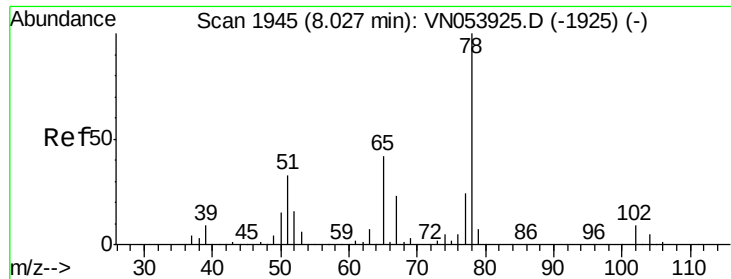
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50000

0

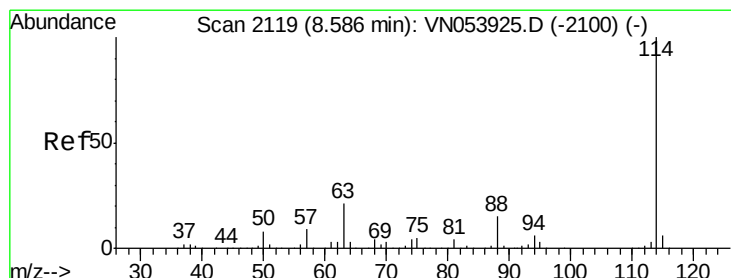
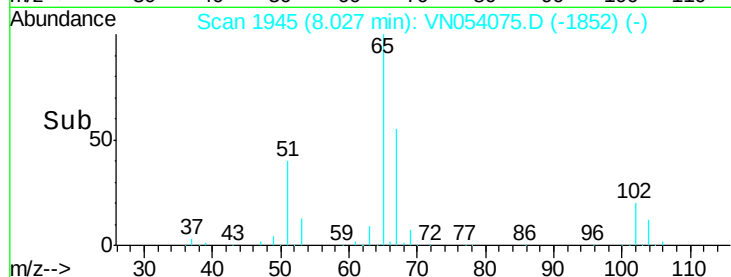
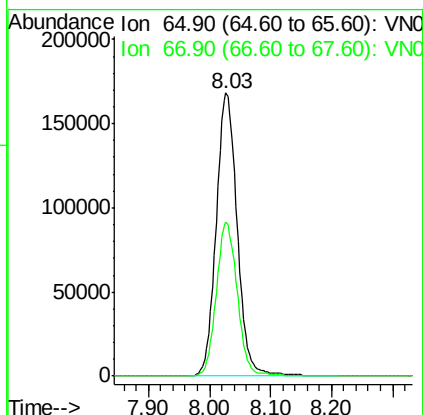
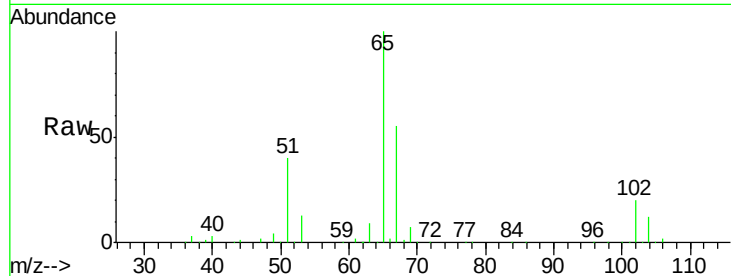
Time--> 4.40 4.50 4.60 4.70





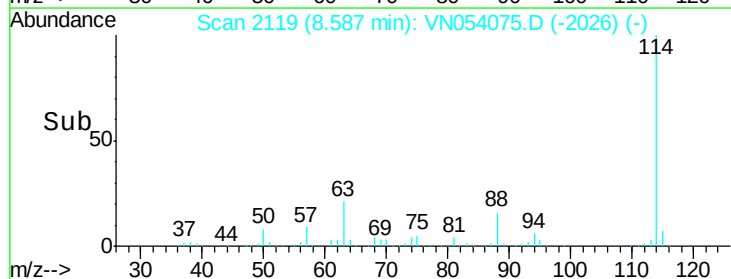
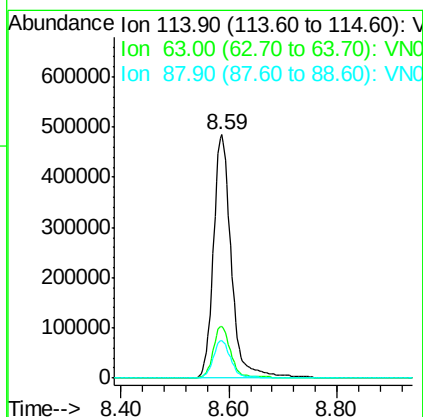
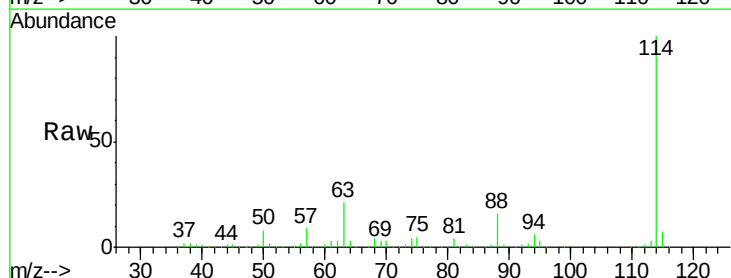
#33
 1,2-Dichloroethane-d4
 Concen: 56.229 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

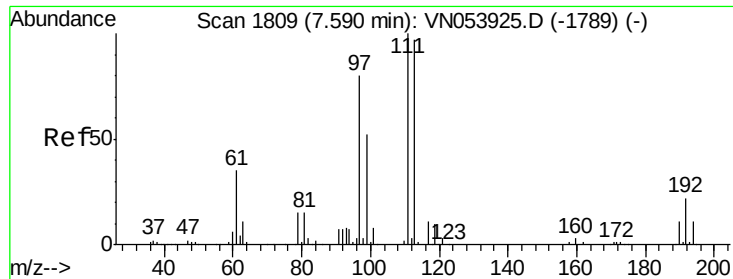
Tot Ion: 65 Resp: 401287
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

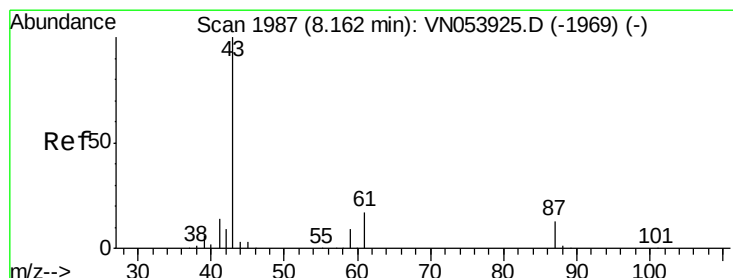
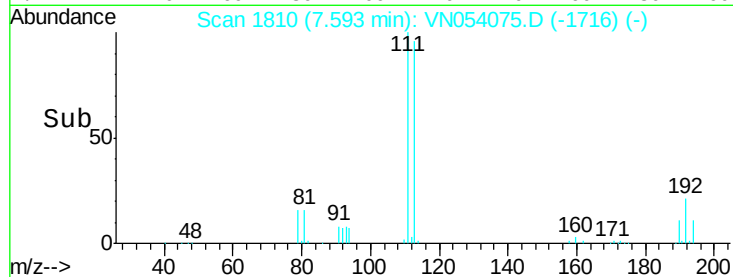
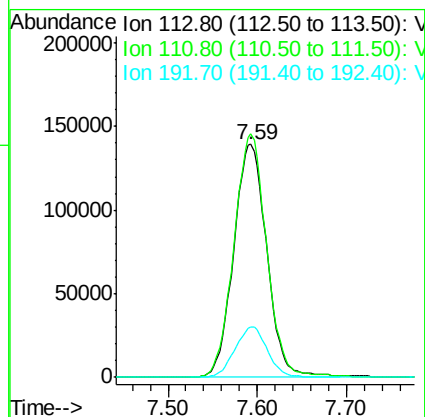
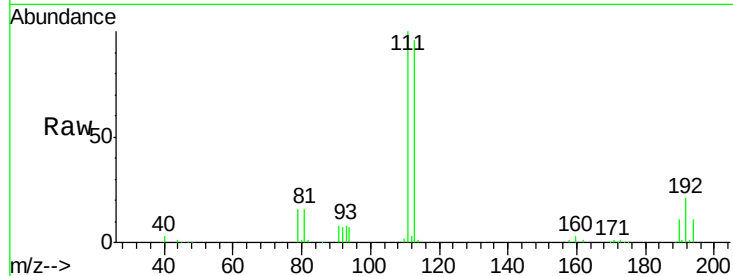
Tgt Ion: 114 Resp: 1121173
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 15.6 0.0 30.4





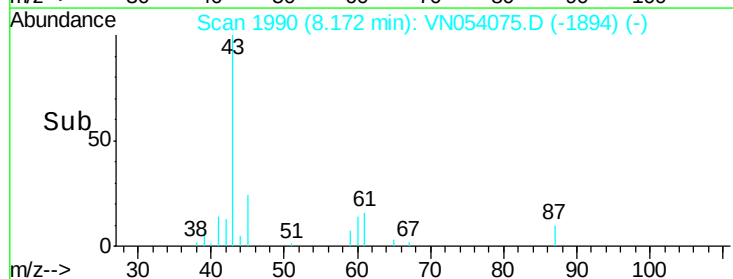
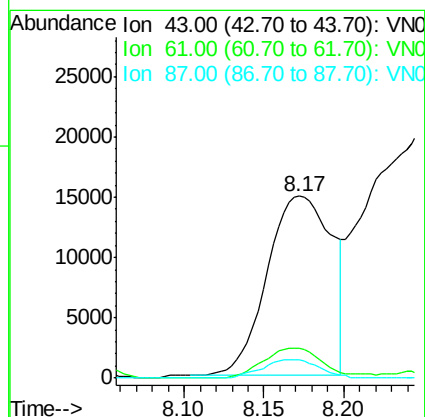
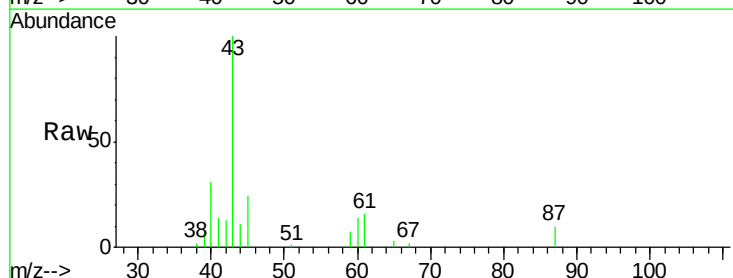
#35
 Dibromofluoromethane
 Concen: 49.583 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

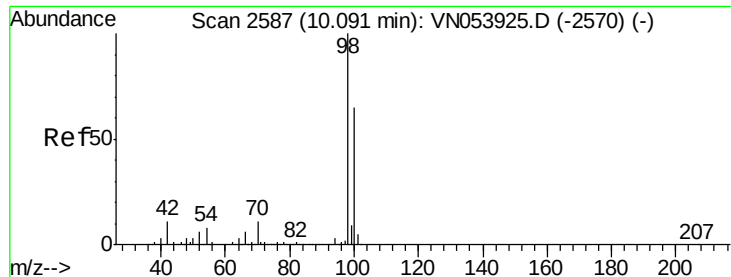
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	21.2	18.8	28.2



#43
 Isopropyl Acetate
 Concen: 3.335 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054075.D
 Acq: 4 Mar 2019 19:34

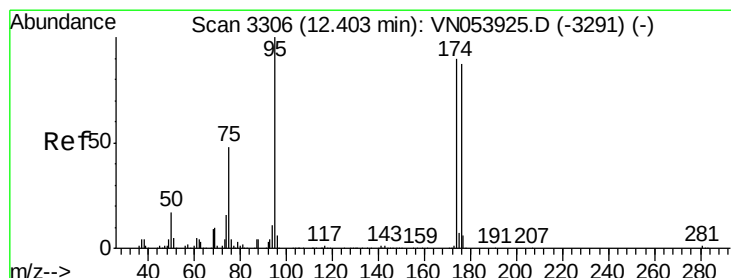
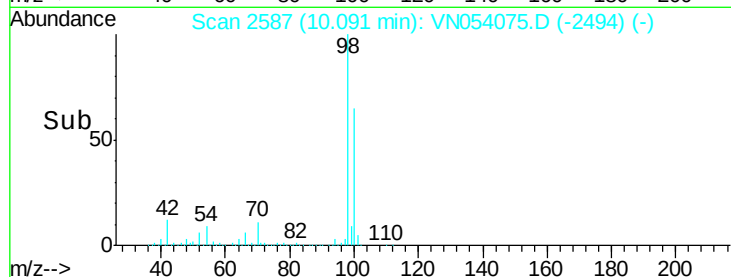
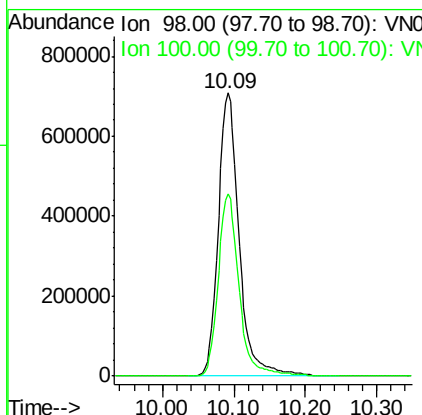
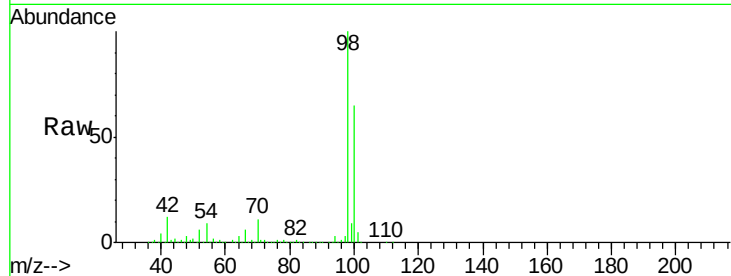
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.9	17.4	26.0#
87	9.0	11.5	17.3#





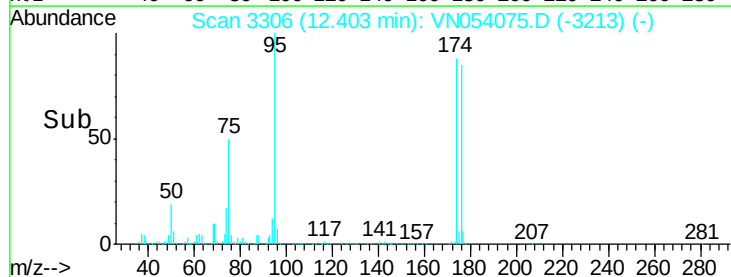
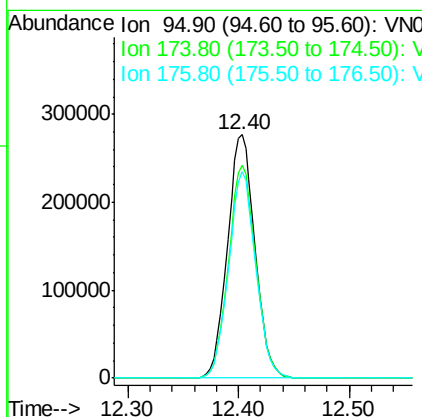
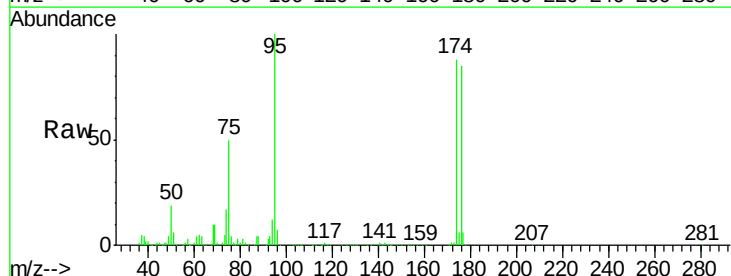
#50
Toluene-d8
Concen: 53.157 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

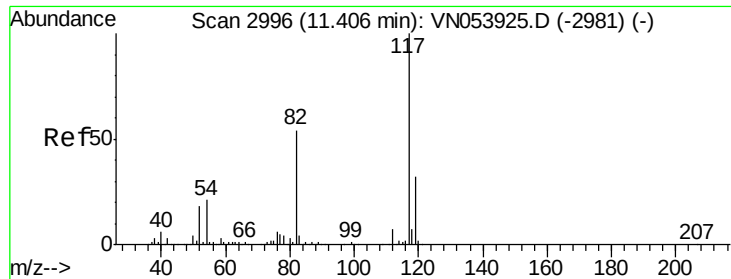
Tot Ion: 98 Resp: 1434671
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 53.236 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion: 95 Resp: 478697
Ion Ratio Lower Upper
95 100
174 87.4 0.0 188.8
176 83.5 0.0 182.6

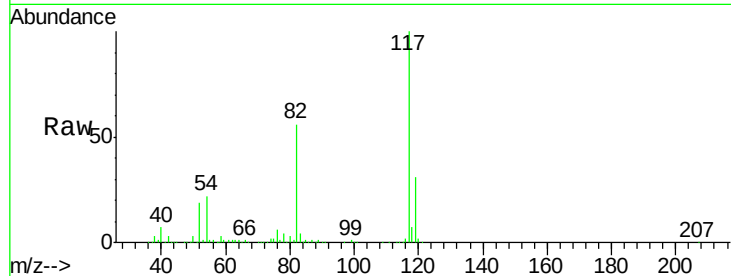




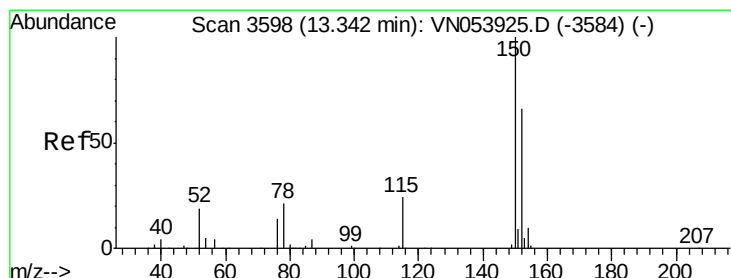
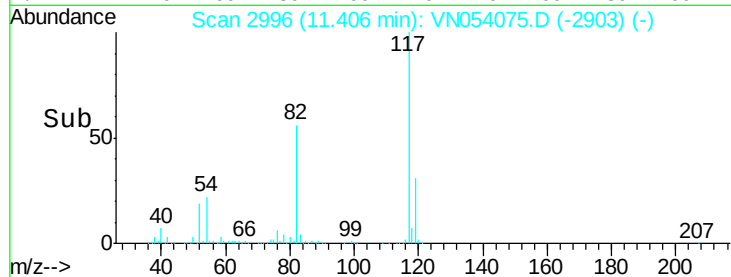
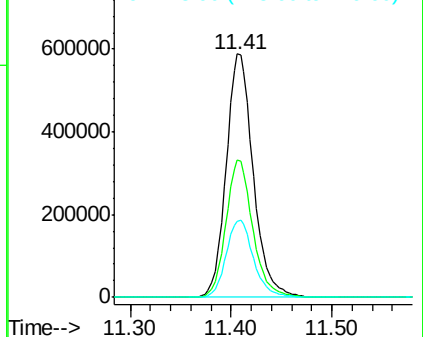
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion:117 Resp: 1099792

Ion	Ratio	Lower	Upper
117	100		
82	56.4	41.4	62.2
119	31.4	25.3	37.9



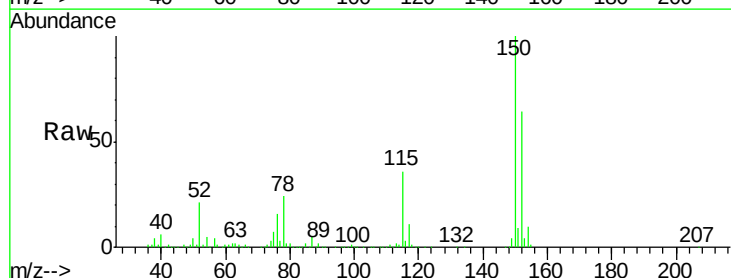
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



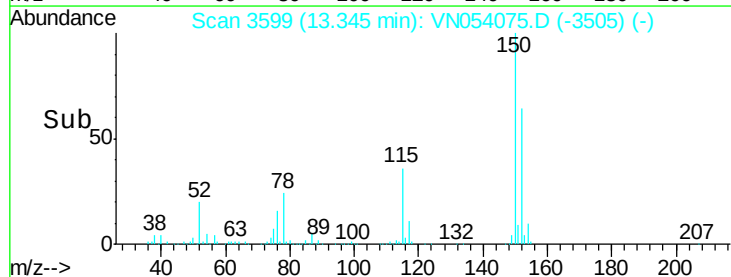
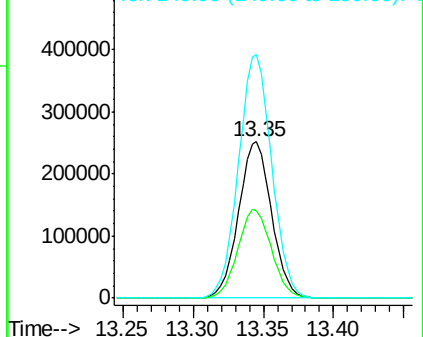
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

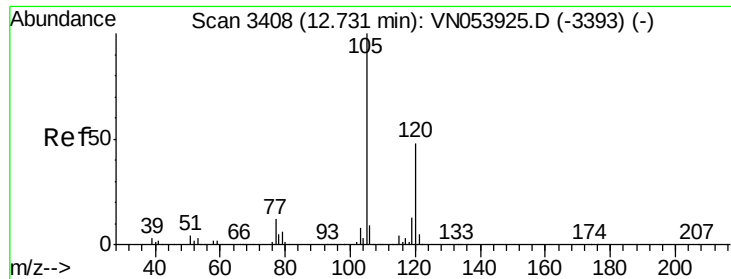
Tgt Ion:152 Resp: 413520

Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.2	81.6
150	157.1	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

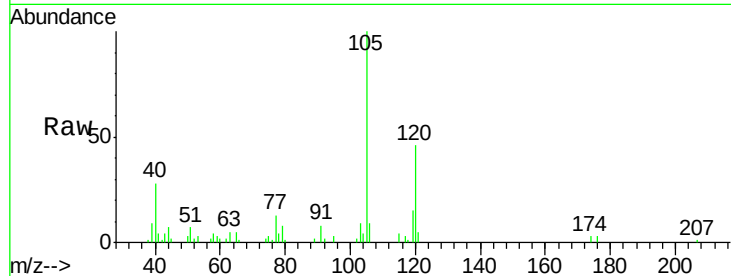




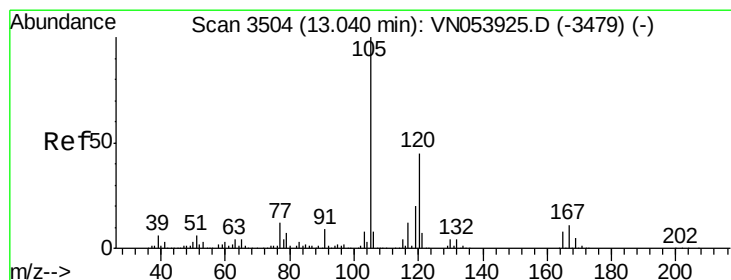
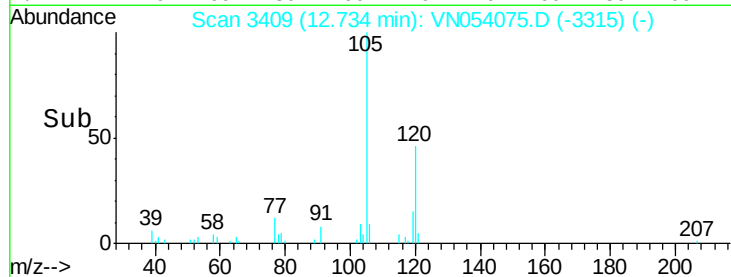
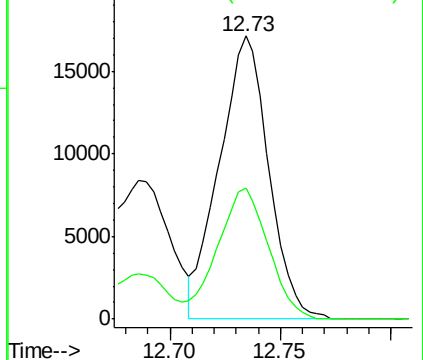
#80

1,3,5-Trimethylbenzene
Concen: 1.007 ug/l
RT: 12.73 min Scan# 3409
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion:105 Resp: 26542
Ion Ratio Lower Upper
105 100
120 47.9 25.1 75.2



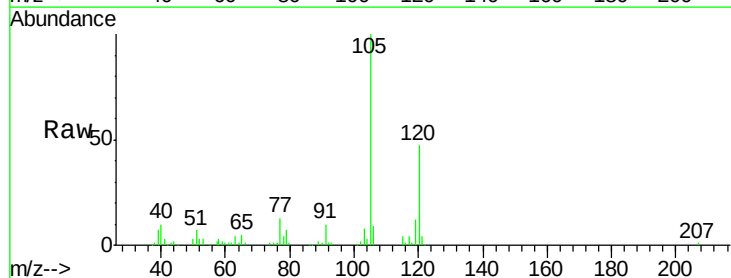
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



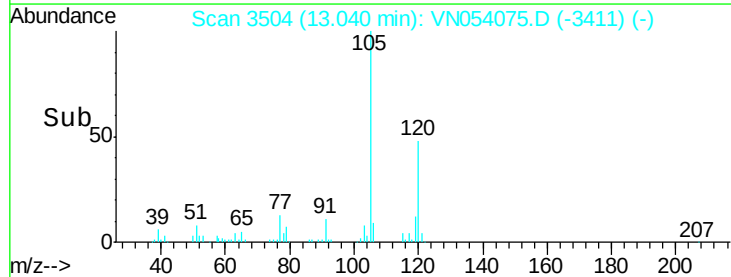
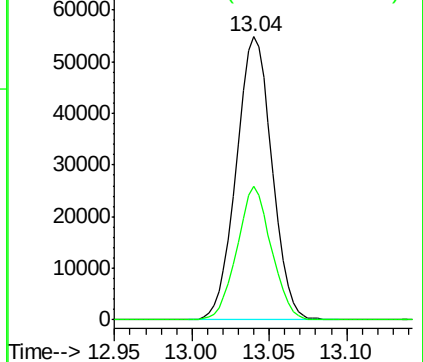
#84

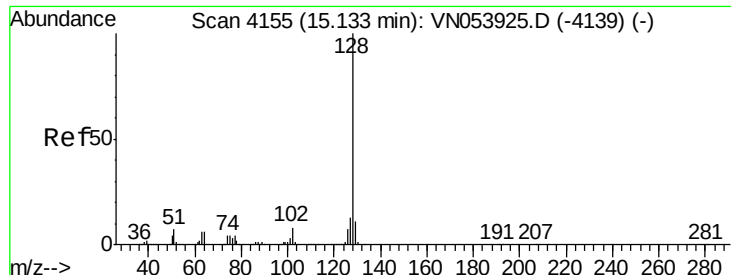
1,2,4-Trimethylbenzene
Concen: 3.342 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tgt Ion:105 Resp: 87937
Ion Ratio Lower Upper
105 100
120 45.2 23.2 69.5



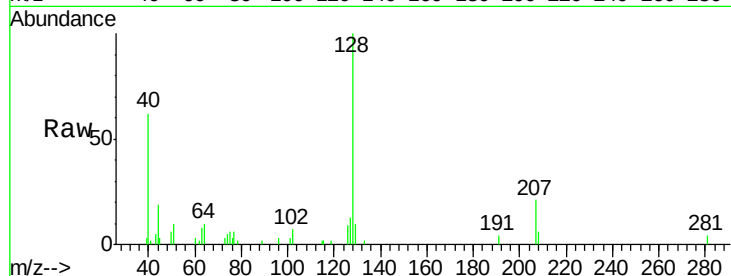
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
Naphthalene
Concen: 4.017 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN054075.D
Acq: 4 Mar 2019 19:34

Tot Ion:128 Resp: 14086
Ion Ratio Lower Upper
128 100
127 12.4 10.2 15.2
129 12.0 8.6 12.8



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

