

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054072.D
 Acq On : 4 Mar 2019 18:14
 Operator : JC/SP
 Sample : K1688-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

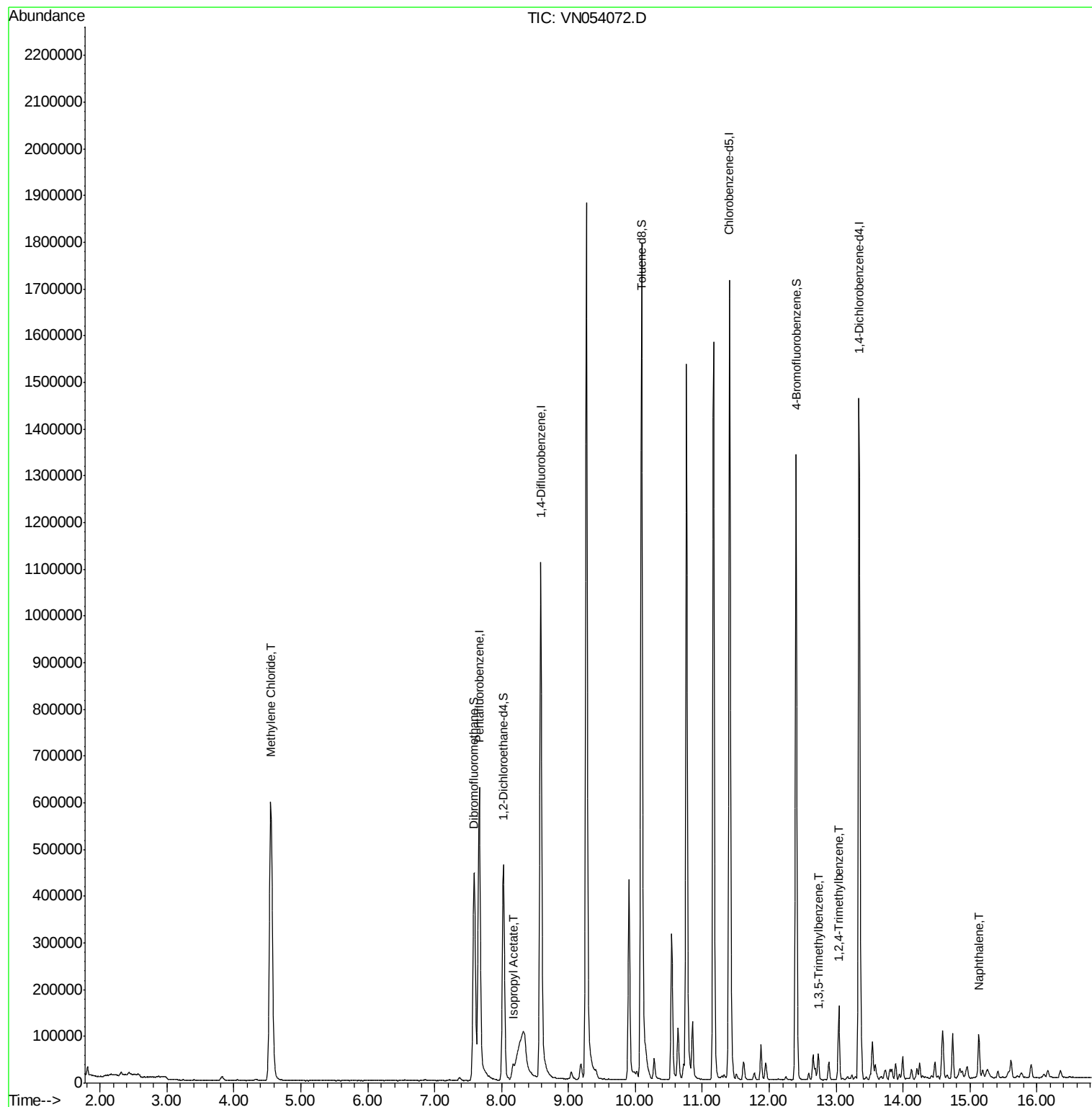
Quant Time: Mar 05 00:25:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

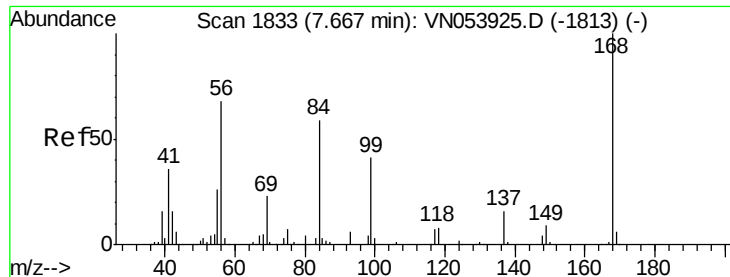
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	587396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1074288	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1068825	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	402020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	393325	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
35) Dibromofluoromethane	7.59	113	347182	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	10.09	98	1385208	53.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.12%	
62) 4-Bromofluorobenzene	12.40	95	465525	54.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.06%	
Target Compounds						
20) Methylene Chloride	4.55	84	465412	68.294	ug/l	90
43) Isopropyl Acetate	8.17	43	41796	3.470	ug/l #	87
80) 1,3,5-Trimethylbenzene	12.73	105	28146	1.099	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	89329	3.493	ug/l	97
95) Naphthalene	15.13	128	79519	7.886	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: VN054072.D

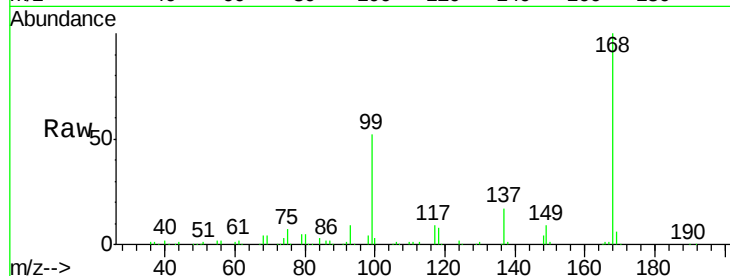
Acq: 4 Mar 2019 18:14

Tot Ion:168 Resp: 587396

Ion Ratio Lower Upper

168 100

99 52.3 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

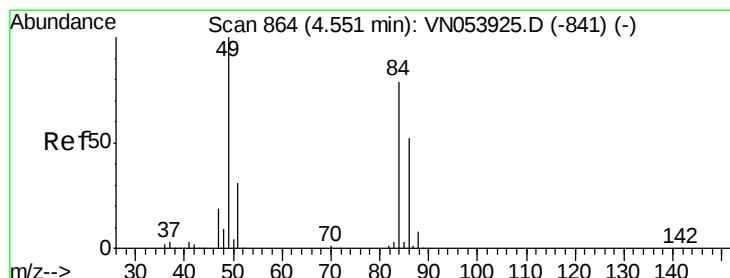
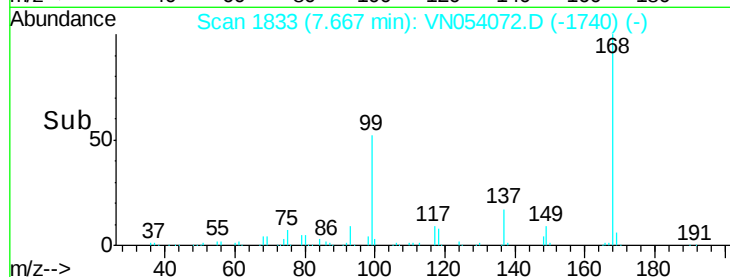
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 68.294 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

Tgt Ion: 84 Resp: 465412

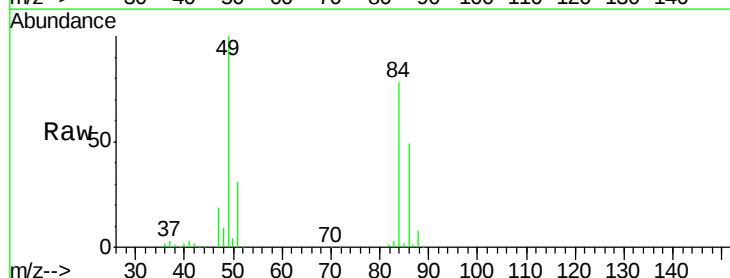
Ion Ratio Lower Upper

84 100

49 128.0 89.7 134.5

51 39.4 27.8 41.8

86 63.0 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

300000

250000

200000

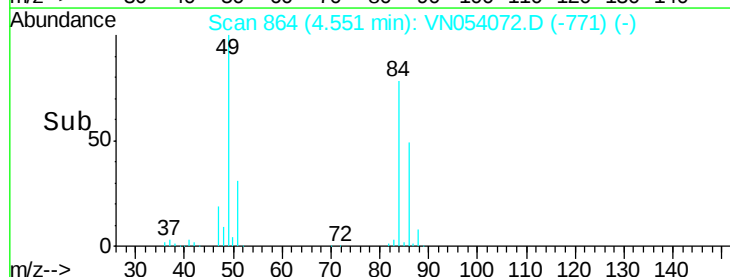
150000

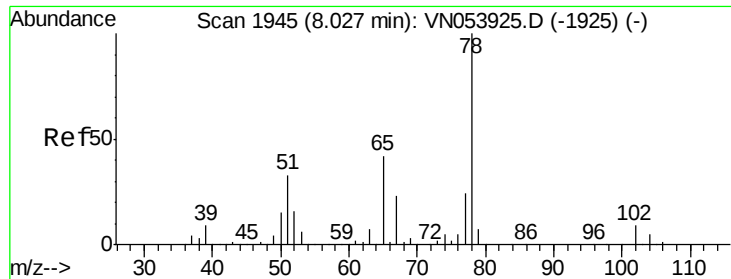
100000

50000

0

Time--> 4.40 4.50 4.60 4.70 4.80





#33

1,2-Dichloroethane-d4

Concen: 57.123 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054072.D

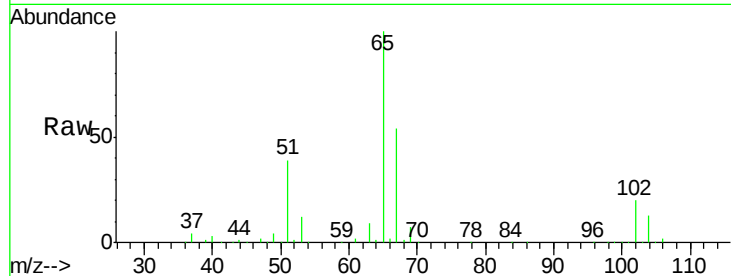
Acq: 4 Mar 2019 18:14

Tot Ion: 65 Resp: 393325

Ion Ratio Lower Upper

65 100

67 54.4 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

150000

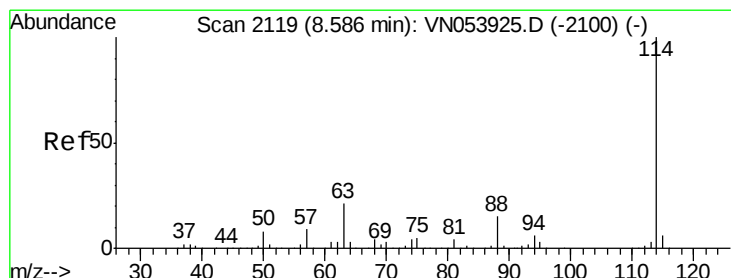
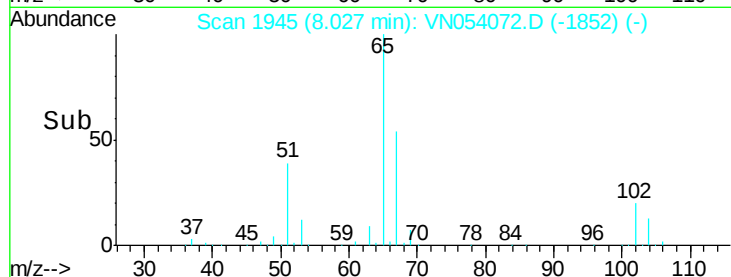
100000

50000

0

Time-->

7.90 8.00 8.10 8.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

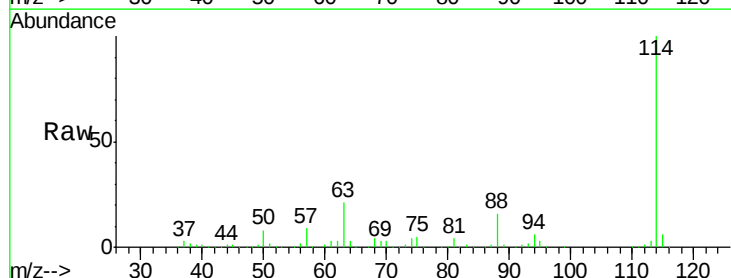
Tgt Ion: 114 Resp: 1074288

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.4

88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0

600000

500000

400000

300000

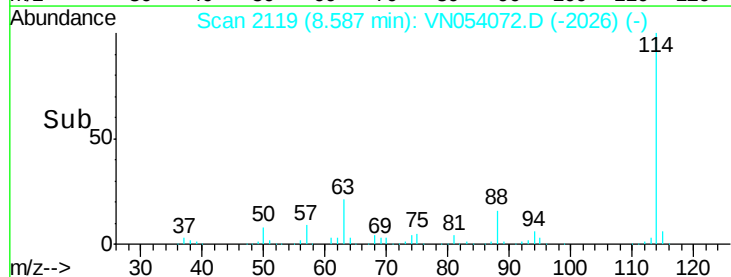
200000

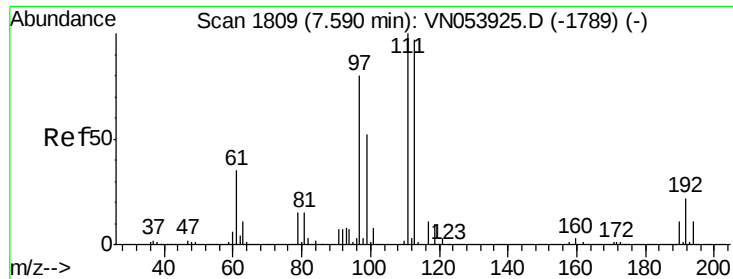
100000

0

Time-->

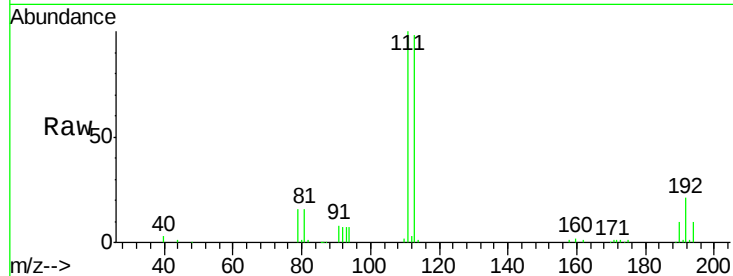
8.40 8.50 8.60 8.70 8.80



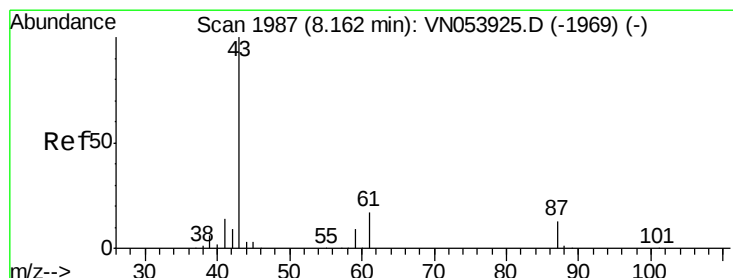
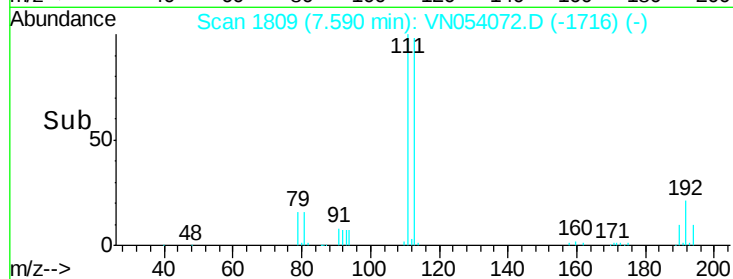
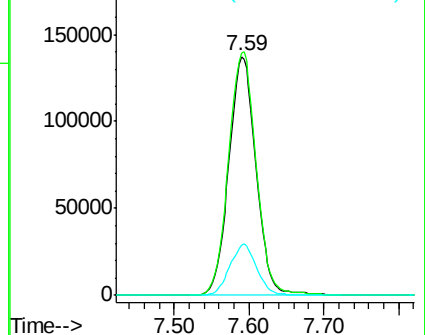


#35
 Dibromofluoromethane
 Concen: 49.976 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.1	121.7
192	21.1	18.8	28.2

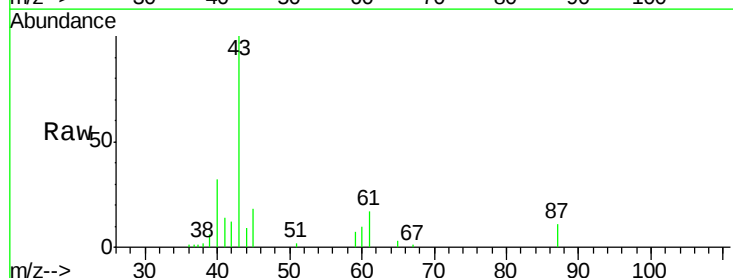


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

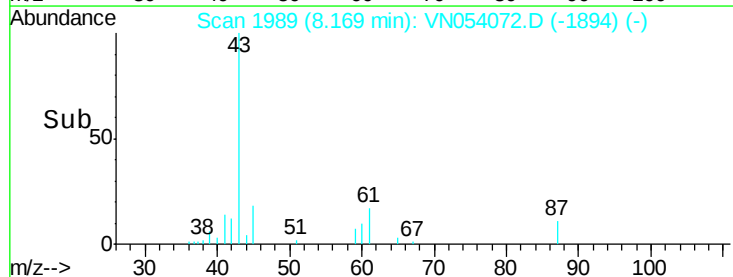
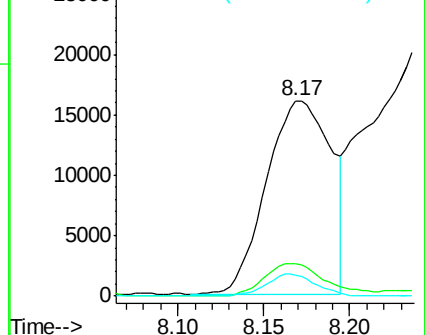


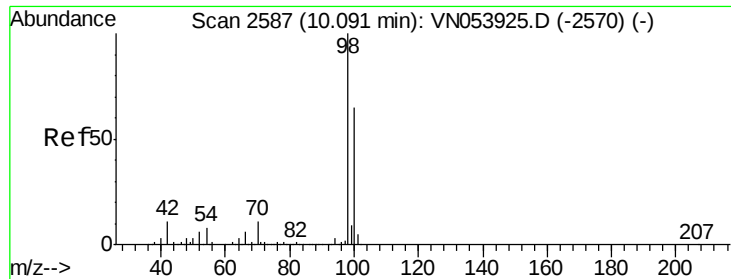
#43
 Isopropyl Acetate
 Concen: 3.470 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.0	17.4	26.0#
87	8.8	11.5	17.3#



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





#50

Toluene-d8

Concen: 53.565 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054072.D

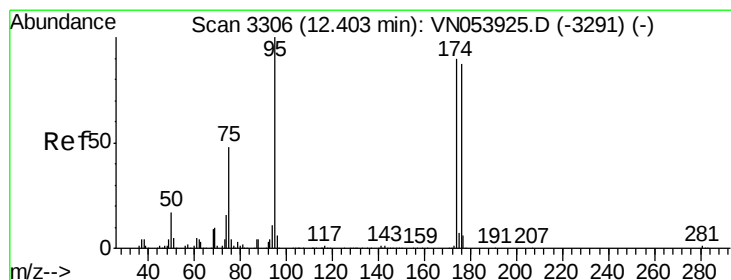
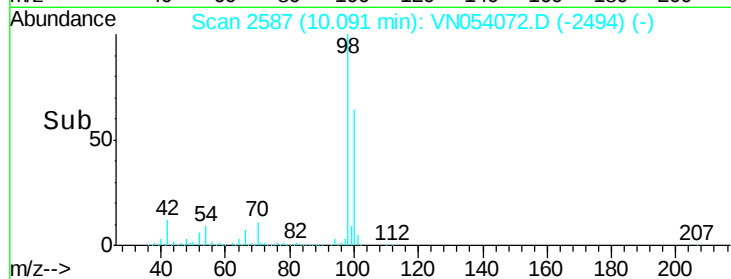
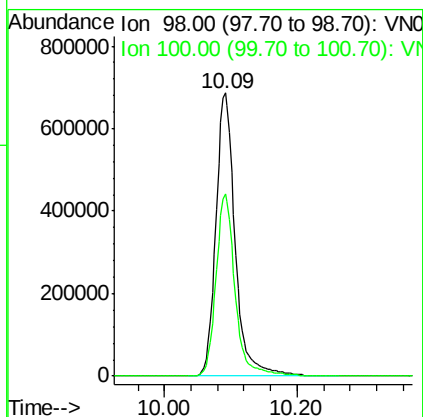
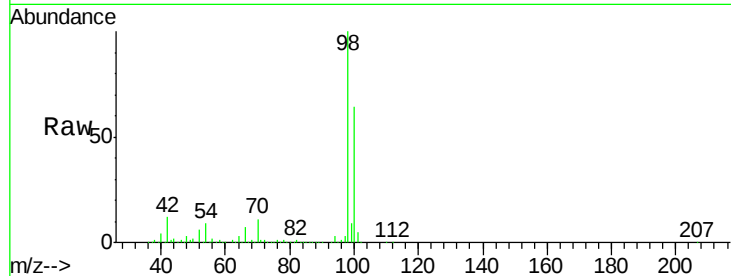
Acq: 4 Mar 2019 18:14

Tot Ion: 98 Resp: 1385208

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 54.031 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054072.D

Acq: 4 Mar 2019 18:14

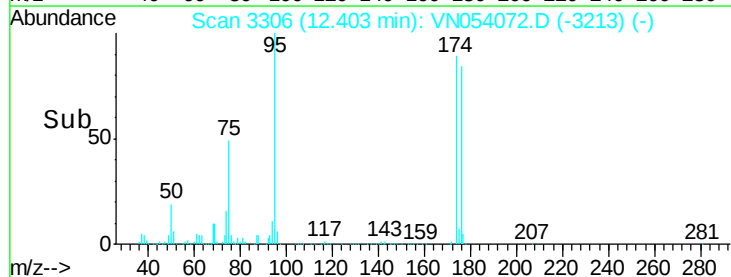
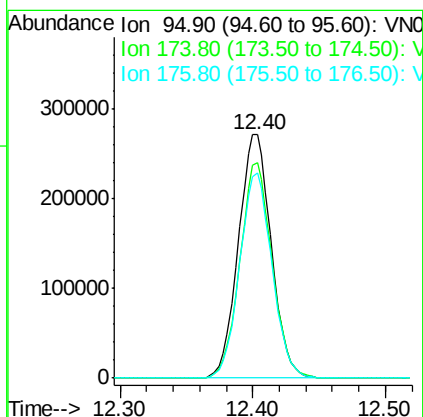
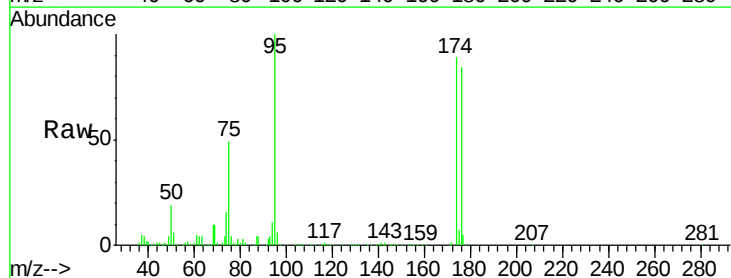
Tgt Ion: 95 Resp: 465525

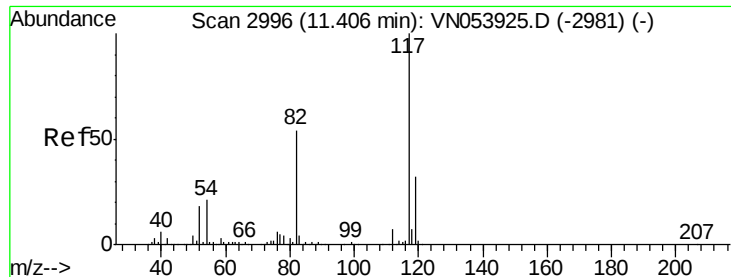
Ion Ratio Lower Upper

95 100

174 86.7 0.0 188.8

176 83.1 0.0 182.6

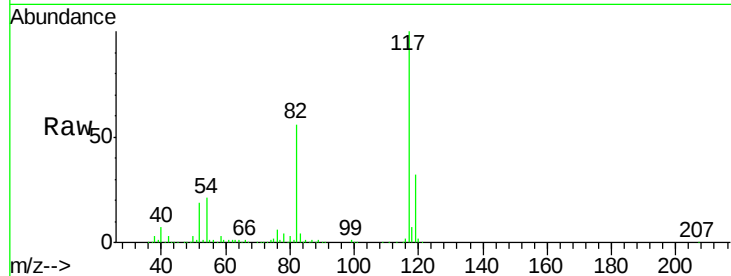




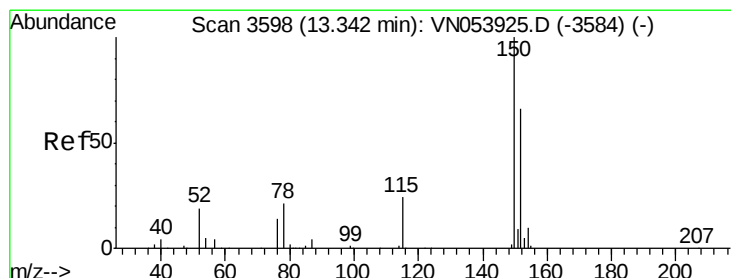
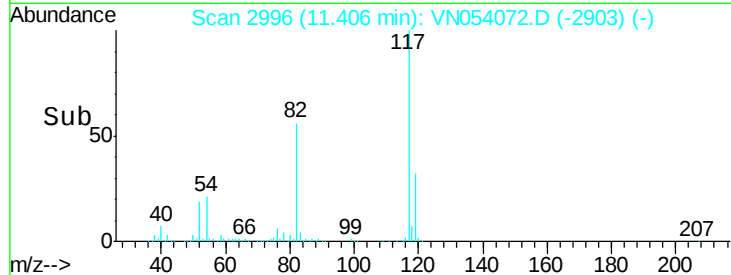
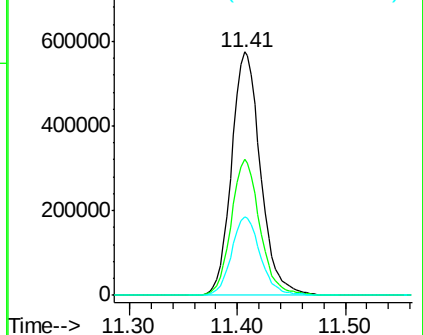
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion:117 Resp: 1068825

Ion	Ratio	Lower	Upper
117	100		
82	55.6	41.4	62.2
119	32.4	25.3	37.9



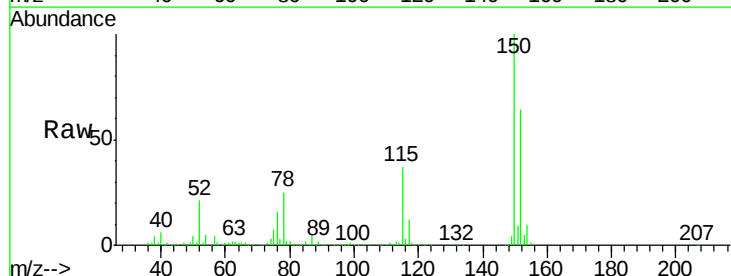
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



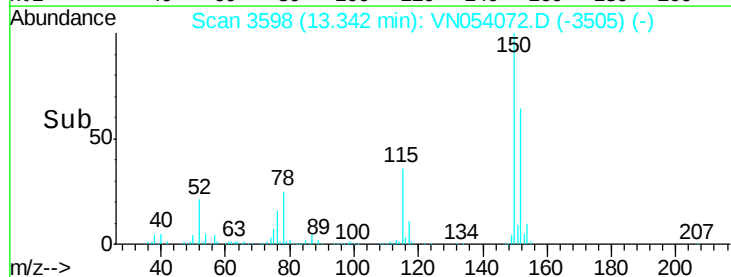
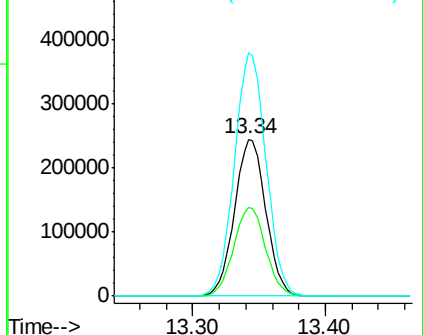
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

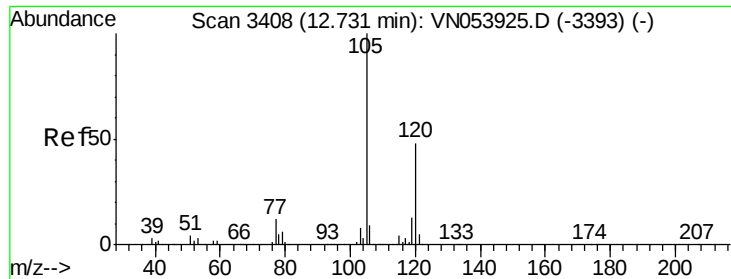
Tgt Ion:152 Resp: 402020

Ion	Ratio	Lower	Upper
152	100		
115	57.9	27.2	81.6
150	156.1	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

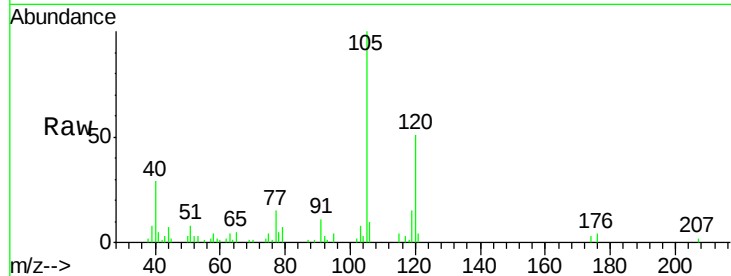




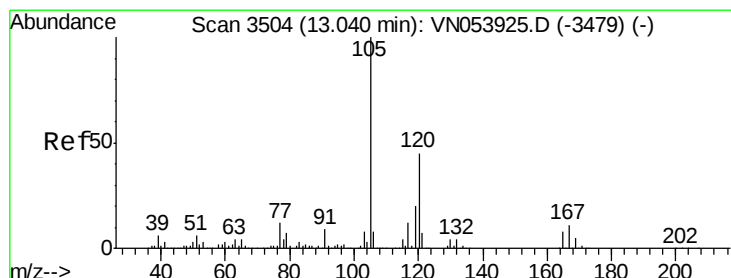
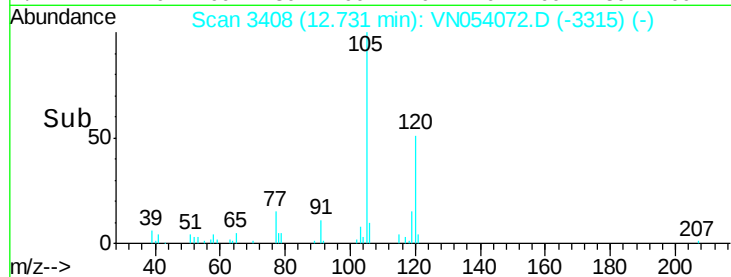
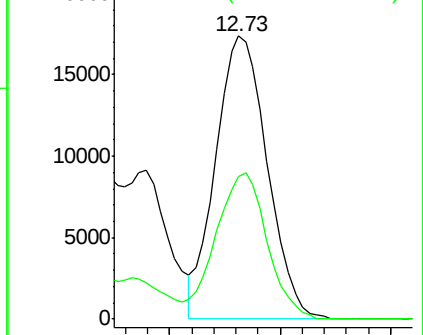
#80

1,3,5-Trimethylbenzene
Concen: 1.099 ug/l
RT: 12.73 min Scan# 3408
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tot Ion:105 Resp: 28146
Ion Ratio Lower Upper
105 100
120 51.7 25.1 75.2



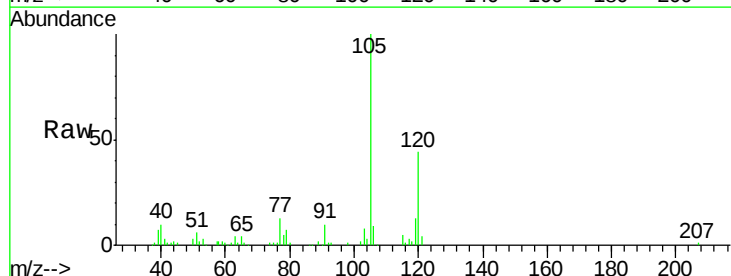
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



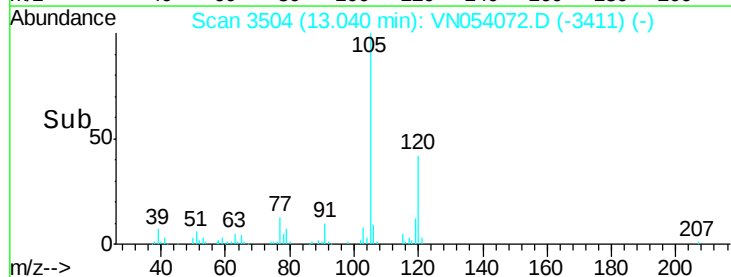
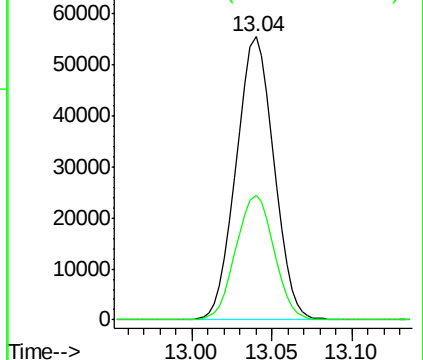
#84

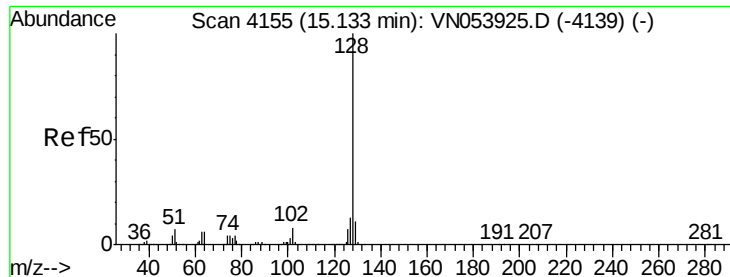
1,2,4-Trimethylbenzene
Concen: 3.493 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054072.D
Acq: 4 Mar 2019 18:14

Tgt Ion:105 Resp: 89329
Ion Ratio Lower Upper
105 100
120 44.4 23.2 69.5



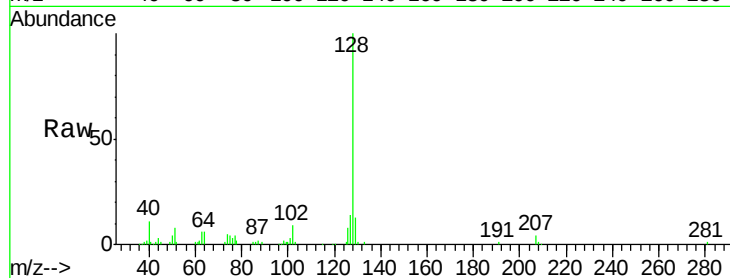
Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95
 Naphthalene
 Concen: 7.886 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN054072.D
 Acq: 4 Mar 2019 18:14

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	11.8	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

