

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054069.D
 Acq On : 4 Mar 2019 16:53
 Operator : JC/SP
 Sample : PB117549TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

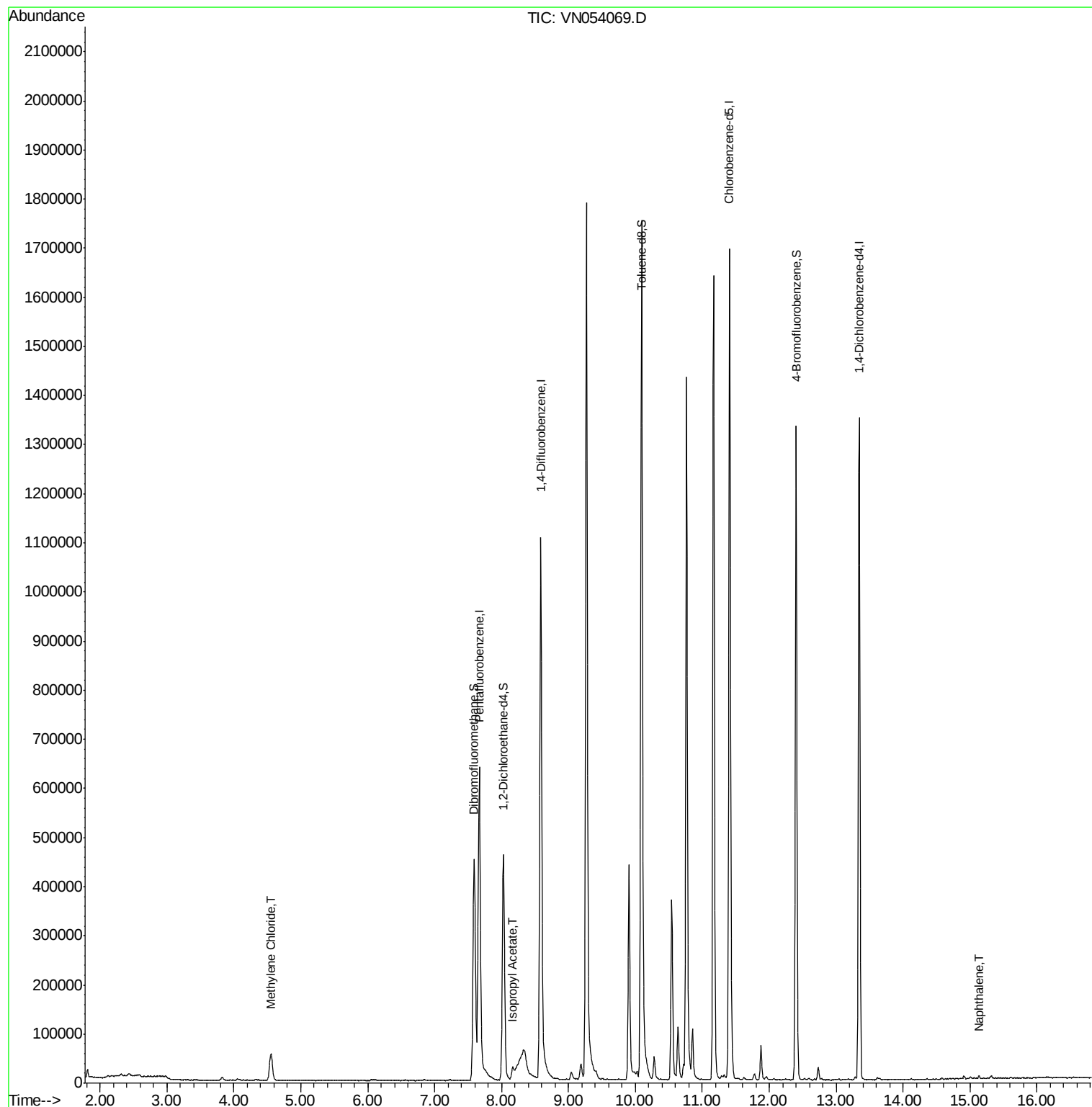
Quant Time: Mar 05 00:18:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

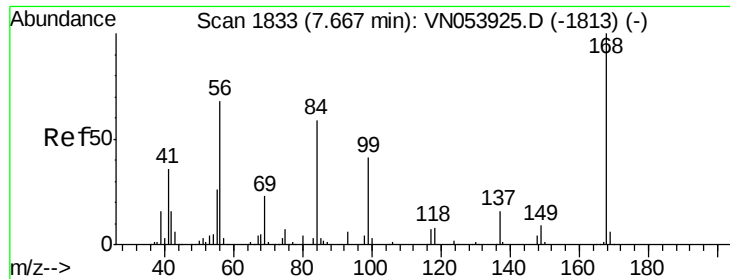
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583978	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1079569	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1071715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	380072	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394298	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
35) Dibromofluoromethane	7.59	113	351121	50.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.60%	
50) Toluene-d8	10.09	98	1393653	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
62) 4-Bromofluorobenzene	12.40	95	461120	53.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.52%	
Target Compounds						
20) Methylene Chloride	4.56	84	40368	5.958	ug/l #	89
43) Isopropyl Acetate	8.17	43	36811	3.041	ug/l #	90
95) Naphthalene	15.13	128	5294	3.541	ug/l #	93

(#) = 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: VN054069.D

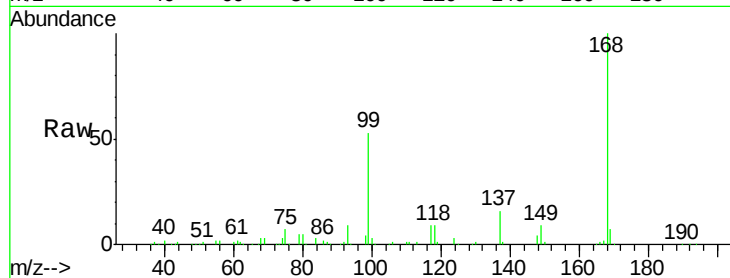
Acq: 4 Mar 2019 16:53

Tot Ion:168 Resp: 583978

Ion Ratio Lower Upper

168 100

99 52.9 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)

7.67

250000

200000

150000

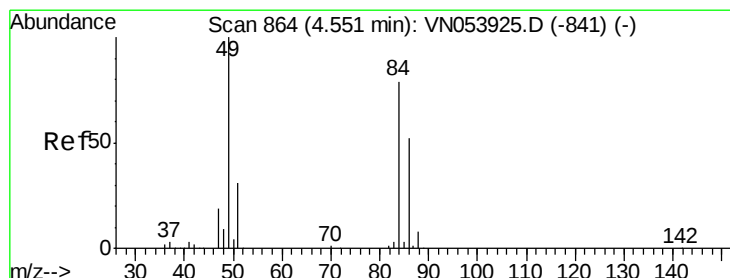
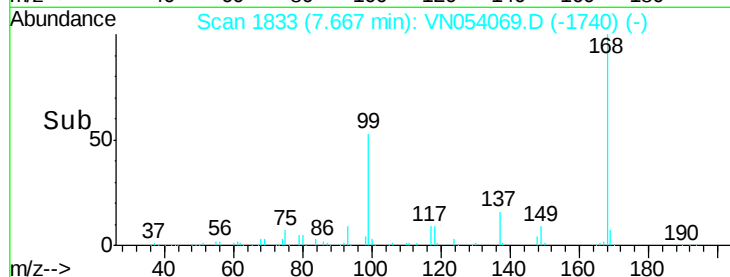
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 5.958 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN054069.D

Acq: 4 Mar 2019 16:53

Tgt Ion: 84 Resp: 40368

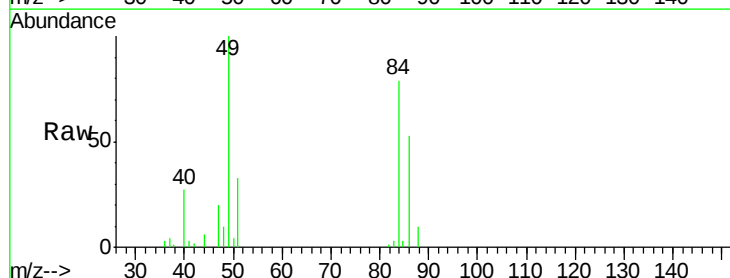
Ion Ratio Lower Upper

84 100

49 127.1 89.7 134.5

51 41.9 27.8 41.8#

86 68.0 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN053925.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN053925.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN053925.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN053925.D (-841) (-)

4.56

25000

20000

15000

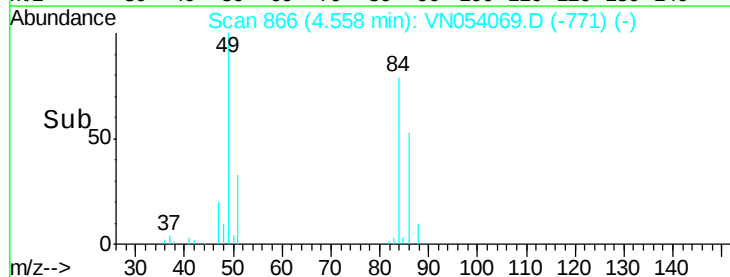
10000

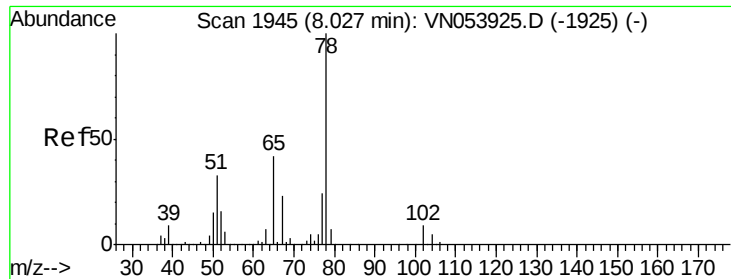
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0

Time-->

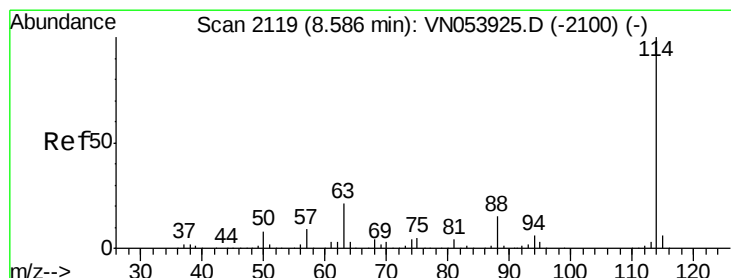
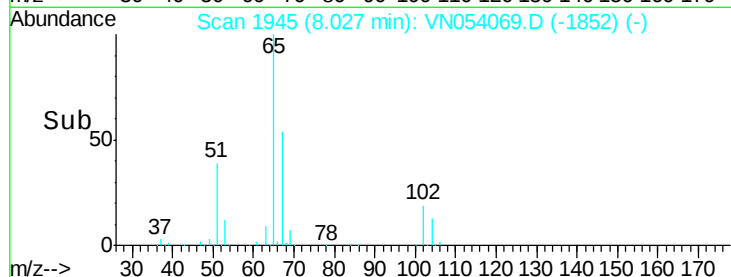
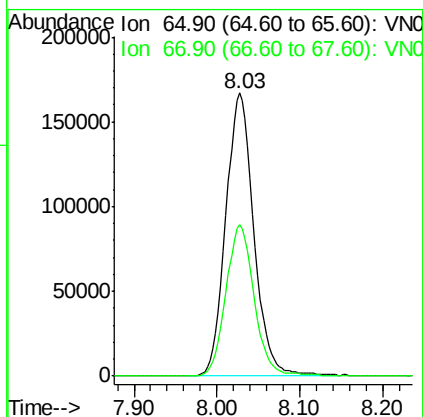
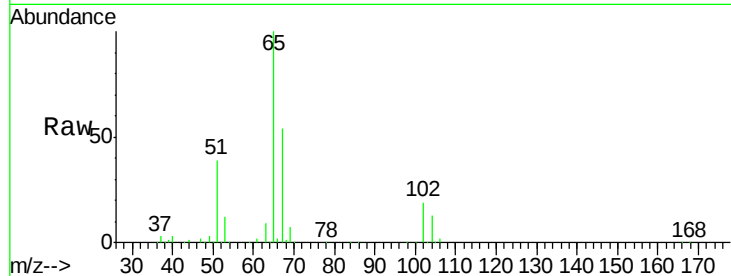
4.50 4.60





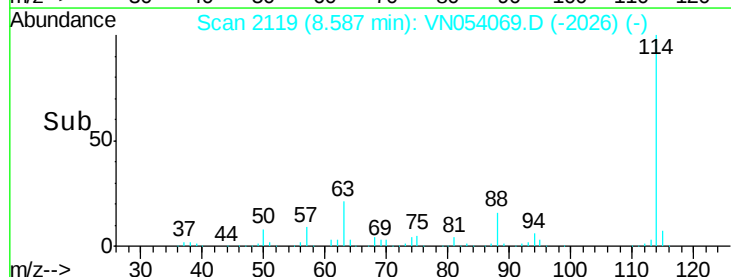
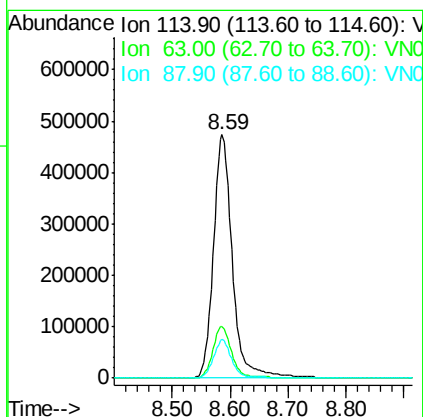
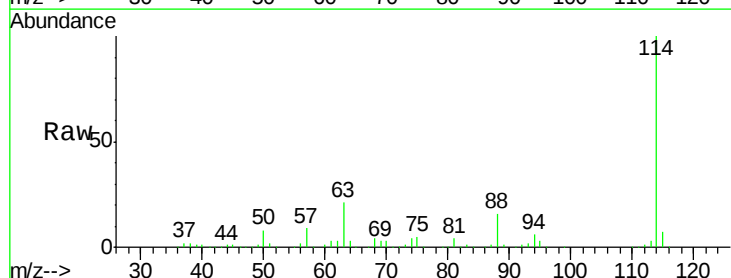
#33
 1,2-Dichloroethane-d4
 Concen: 57.599 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054069.D
 Acq: 4 Mar 2019 16:53

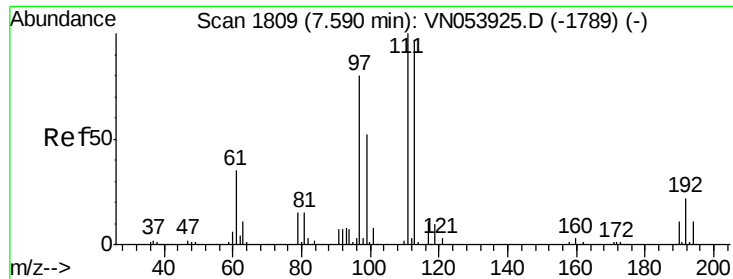
Tot Ion: 65 Resp: 394298
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054069.D
 Acq: 4 Mar 2019 16:53

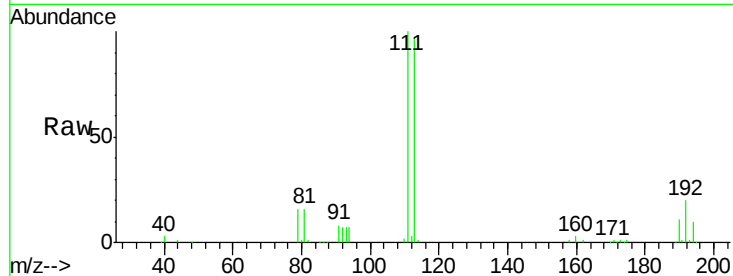
Tgt Ion: 114 Resp: 1079569
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 37.4
 88 15.8 0.0 30.4



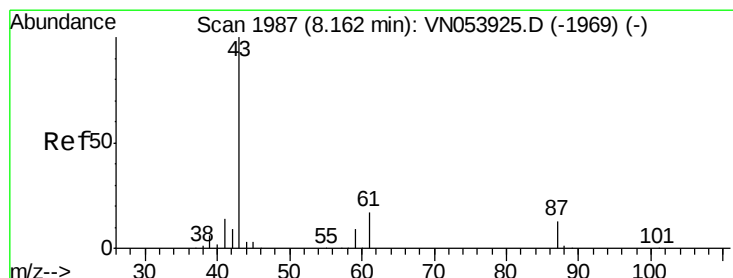
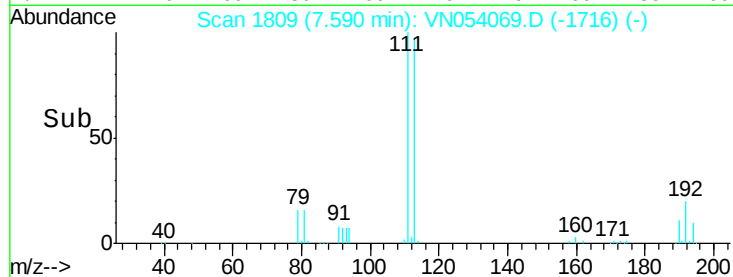
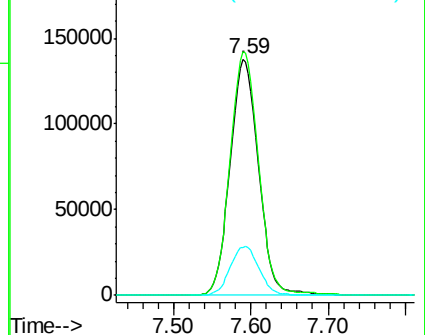


#35
 Dibromofluoromethane
 Concen: 50.296 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054069.D
 Acq: 4 Mar 2019 16:53

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

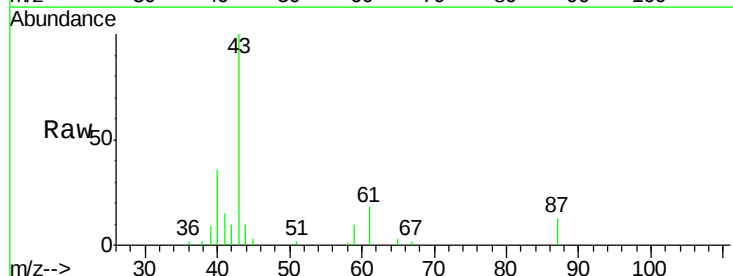


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

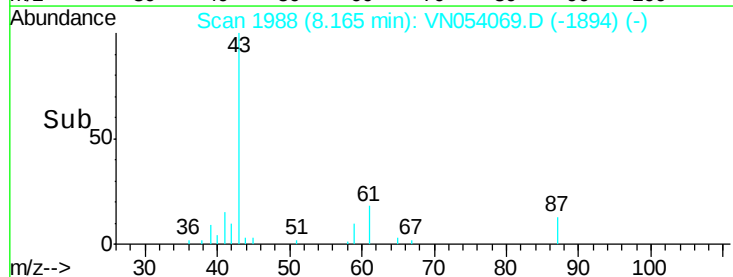
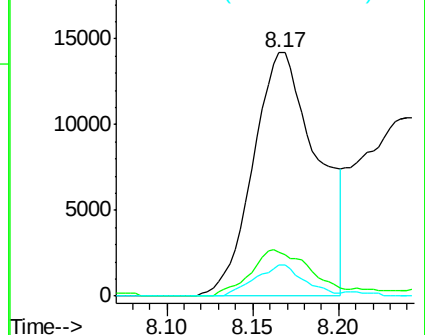


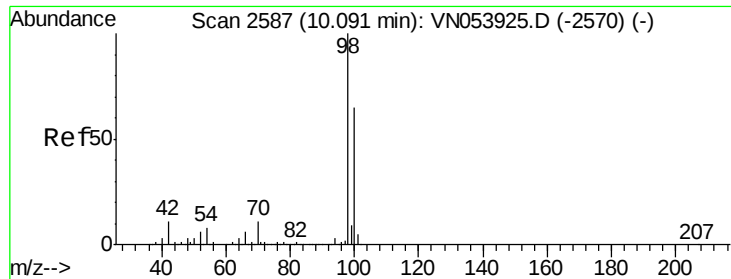
#43
 Isopropyl Acetate
 Concen: 3.041 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN054069.D
 Acq: 4 Mar 2019 16:53

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.5	17.4	26.0
87	9.9	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: 53.628 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054069.D

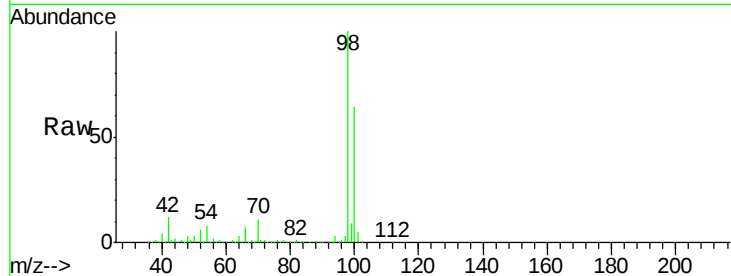
Acq: 4 Mar 2019 16:53

Tot Ion: 98 Resp: 1393653

Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN054069.D (-2494) (-)

Ion 100.00 (99.70 to 100.70): VN054069.D (-2494) (-)

10.09

600000

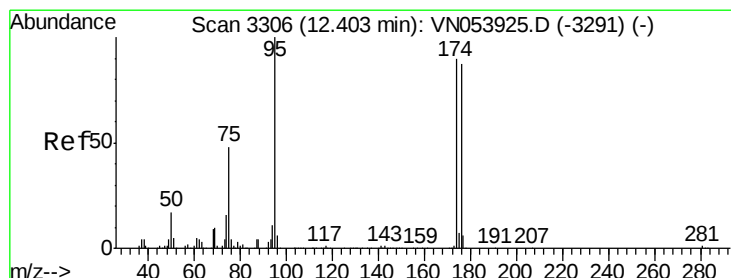
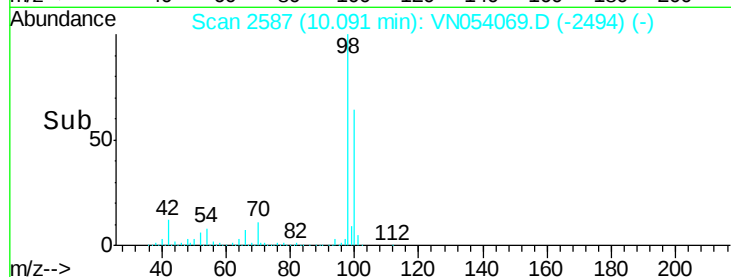
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 53.257 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054069.D

Acq: 4 Mar 2019 16:53

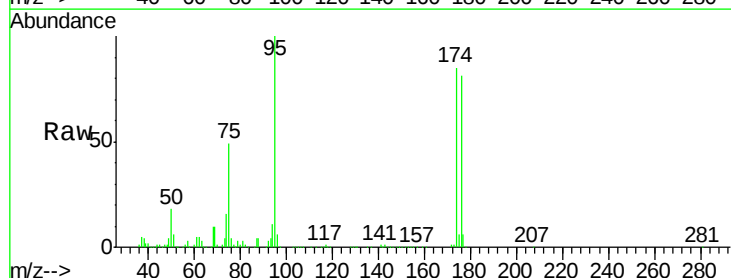
Tgt Ion: 95 Resp: 461120

Ion Ratio Lower Upper

95 100

174 86.7 0.0 188.8

176 83.1 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN054069.D (-3213) (-)

Ion 173.80 (173.50 to 174.50): VN054069.D (-3213) (-)

Ion 175.80 (175.50 to 176.50): VN054069.D (-3213) (-)

12.40

300000

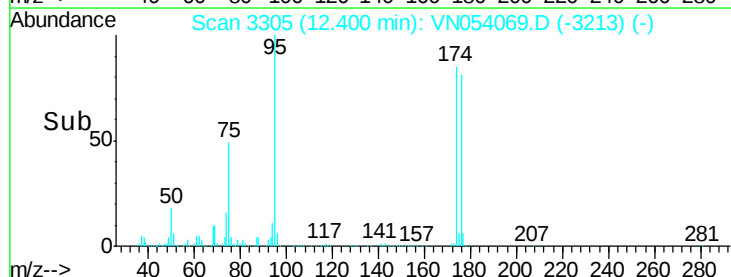
200000

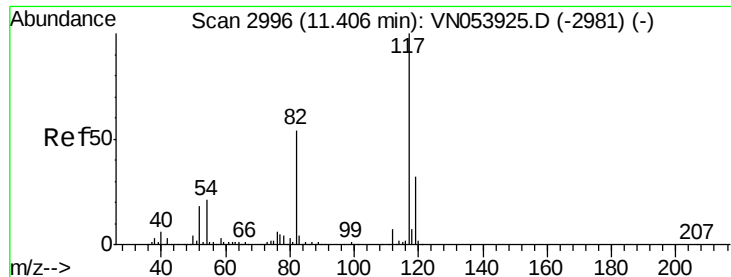
100000

0

Time-->

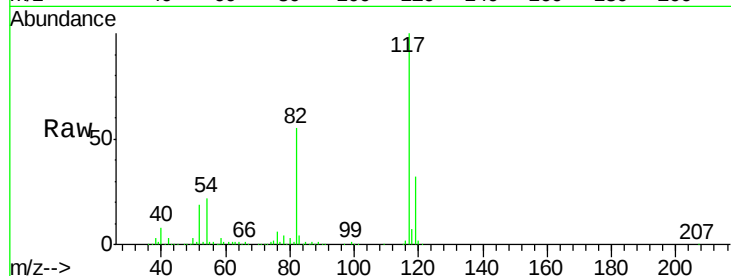
12.30 12.40 12.50



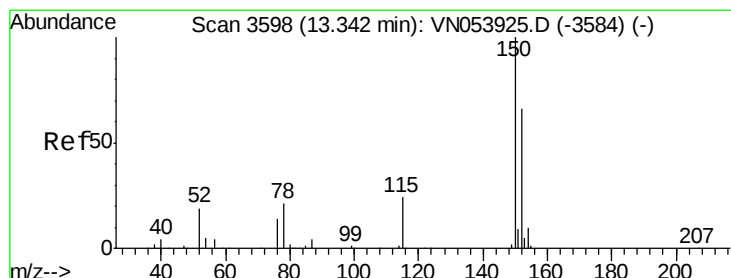
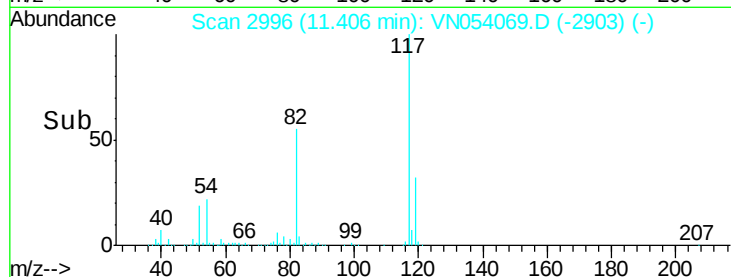
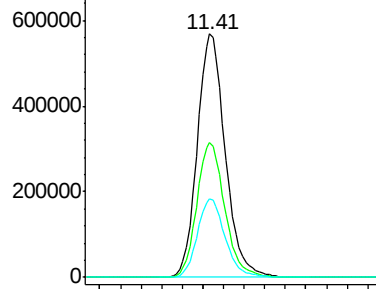


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054069.D
Acq: 4 Mar 2019 16:53

Tot Ion:117 Resp: 1071715
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 32.2 25.3 37.9

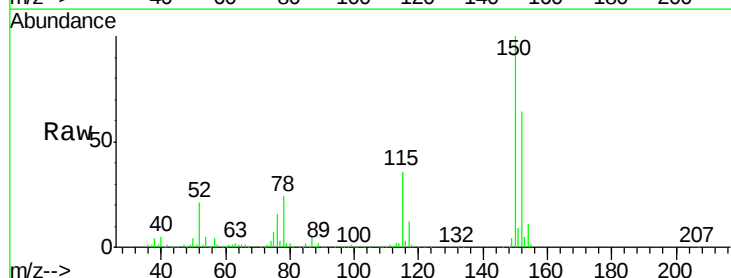


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

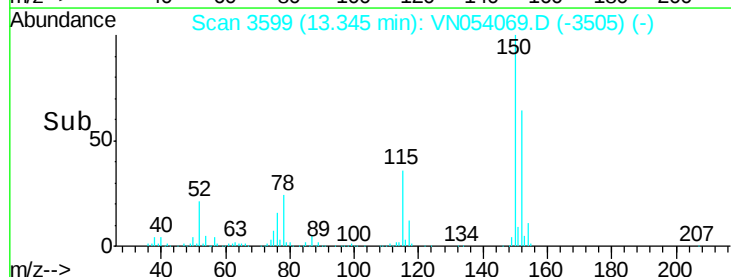
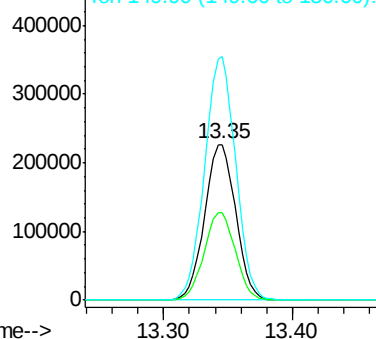


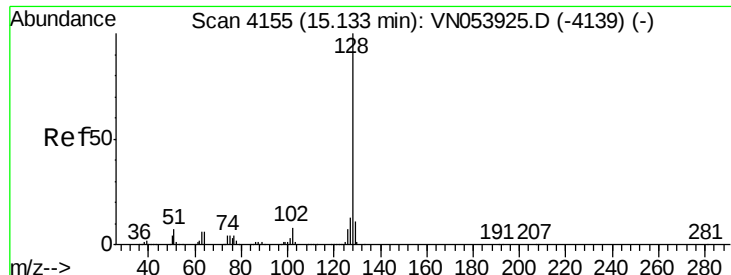
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054069.D
Acq: 4 Mar 2019 16:53

Tgt Ion:152 Resp: 380072
Ion Ratio Lower Upper
152 100
115 56.5 27.2 81.6
150 156.4 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





#95

Naphthalene

Concen: 3.541 ug/l

RT: 15.13 min Scan# 4154

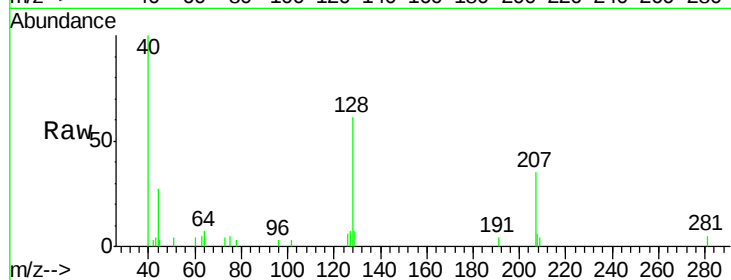
Delta R.T. -0.00 min

Lab File: VN054069.D

Acq: 4 Mar 2019 16:53

Tot Ion:128 Resp: 5294

Ion	Ratio	Lower	Upper
128	100		
127	8.4	10.2	15.2#
129	9.4	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

