

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054084.D
 Acq On : 4 Mar 2019 23:35
 Operator : JC/SP
 Sample : K1712-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 29 Sample Multiplier: 1

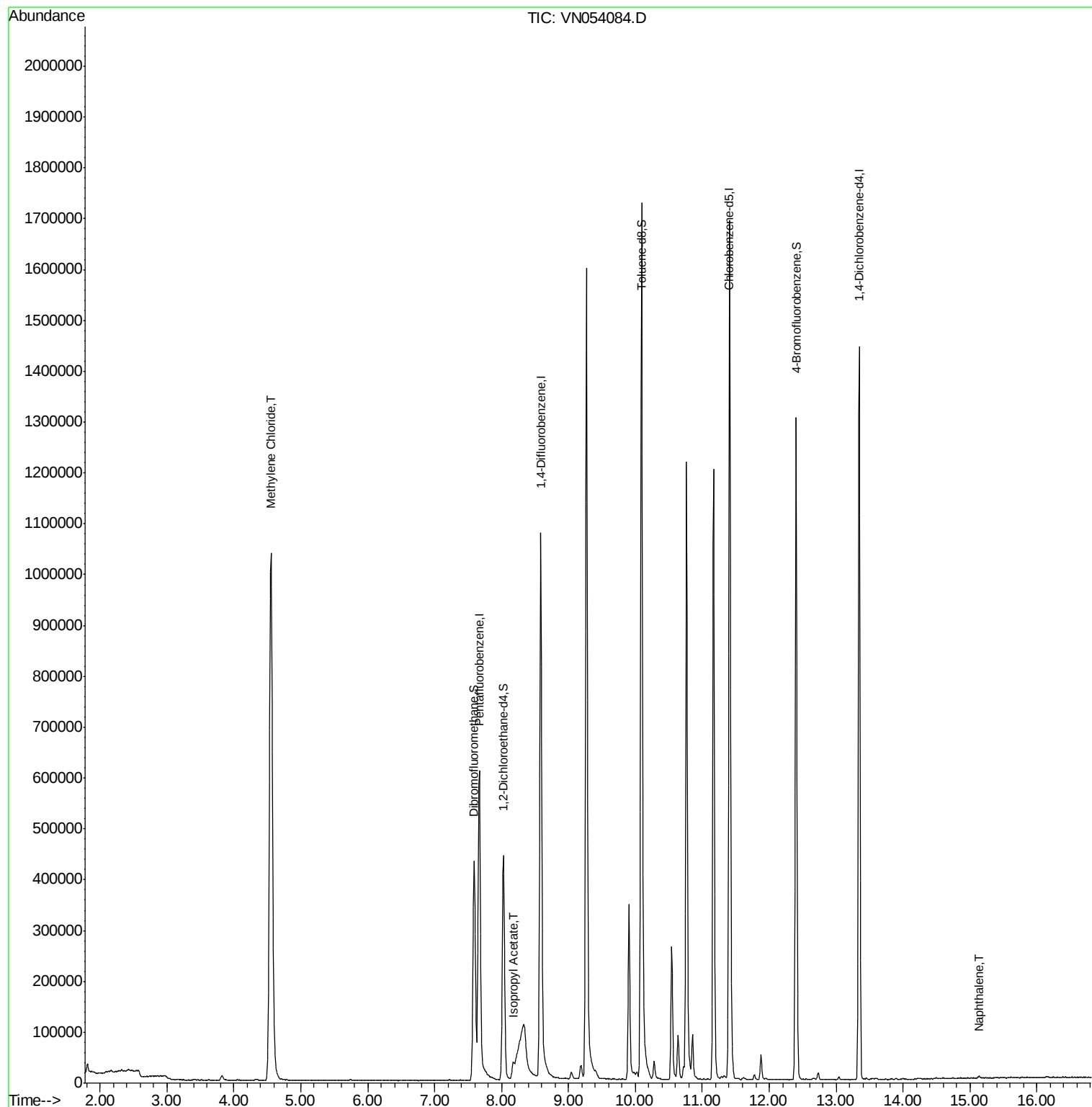
Quant Time: Mar 05 01:01:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

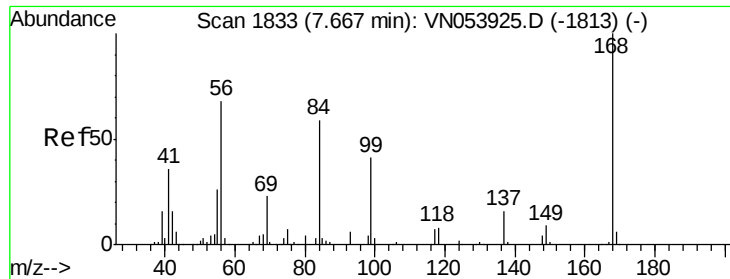
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	552619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1043687	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1056456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	394001	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	377942	58.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.68%	
35) Dibromofluoromethane	7.59	113	337582	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.09	98	1350337	53.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.50%	
62) 4-Bromofluorobenzene	12.40	95	459000	54.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.68%	
Target Compounds						
20) Methylene Chloride	4.55	84	810553	126.424	ug/l	89
43) Isopropyl Acetate	8.17	43	42529	3.635	ug/l #	84
95) Naphthalene	15.14	128	3952	3.449	ug/l #	95

(#) = 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: VN054084.D

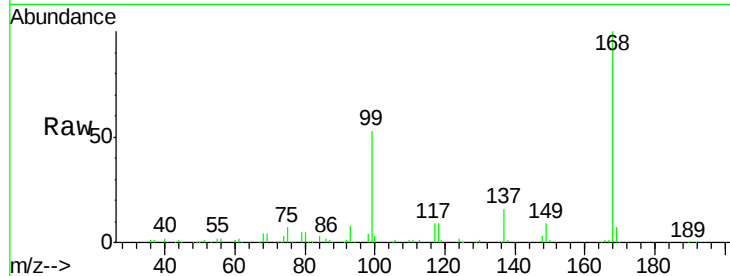
Acq: 4 Mar 2019 23:35

Tot Ion:168 Resp: 552619

Ion Ratio Lower Upper

168 100

99 52.8 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

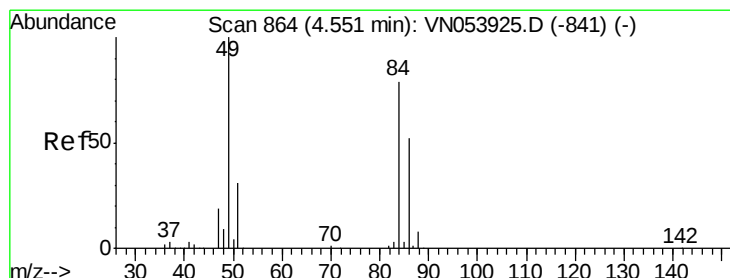
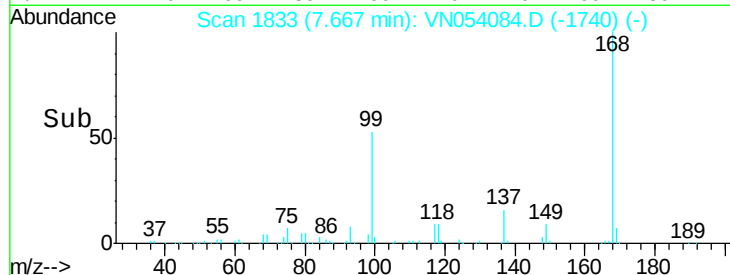
100000

50000

0

Time-->

7.60 7.70 7.80



#20

Methylene Chloride

Concen: 126.424 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054084.D

Acq: 4 Mar 2019 23:35

Tgt Ion: 84 Resp: 810553

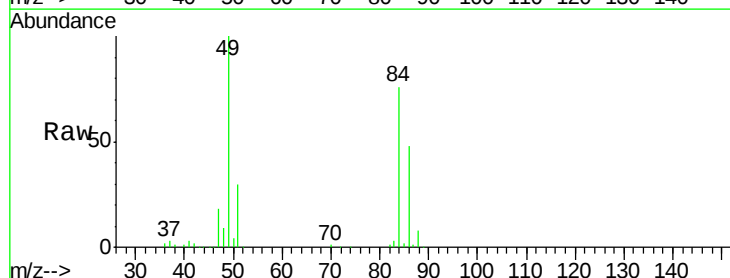
Ion Ratio Lower Upper

84 100

49 130.9 89.7 134.5

51 39.7 27.8 41.8

86 63.3 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

500000

400000

300000

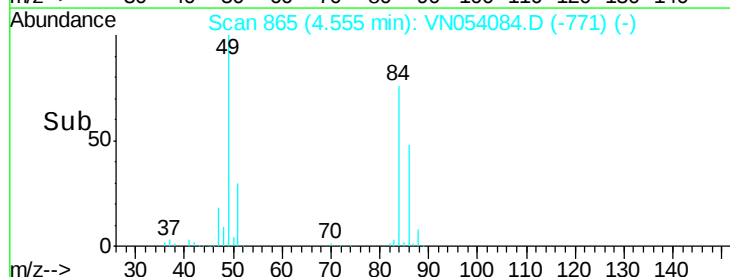
200000

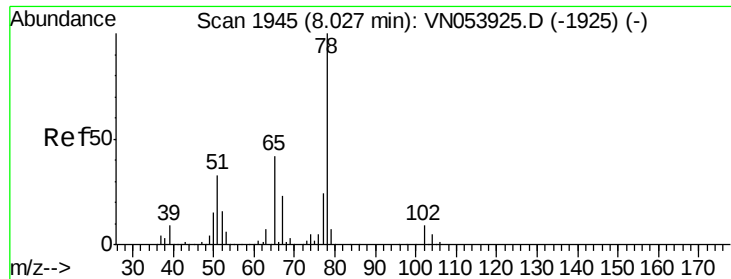
100000

0

Time-->

4.40 4.50 4.60 4.70





#33

1,2-Dichloroethane-d4

Concen: 58.343 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054084.D

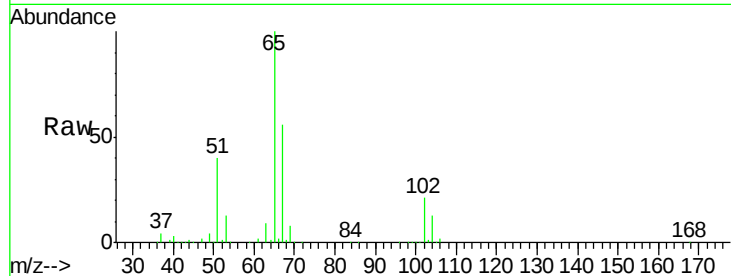
Acq: 4 Mar 2019 23:35

Tot Ion: 65 Resp: 377942

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN053925.D (-1925) (-)

Ion 66.90 (66.60 to 67.60): VN053925.D (-1925) (-)

8.03

150000

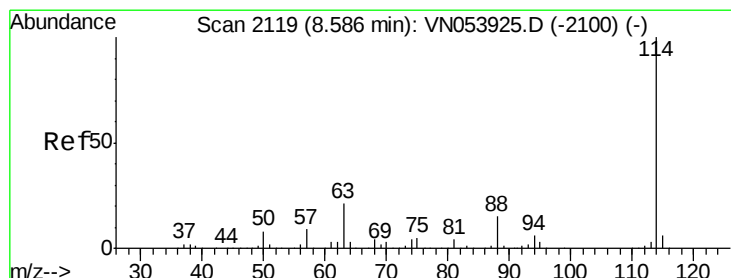
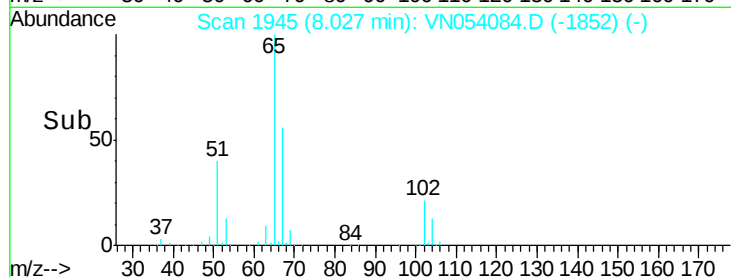
100000

50000

0

7.90 8.00 8.10 8.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN054084.D

Acq: 4 Mar 2019 23:35

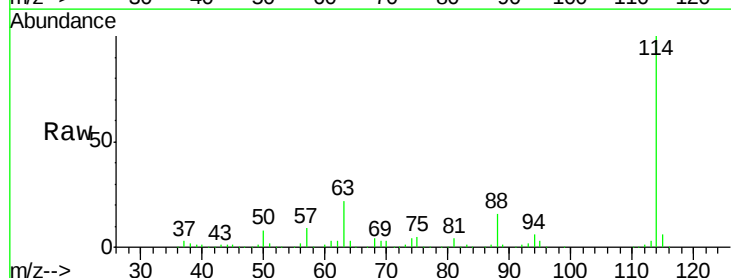
Tgt Ion: 114 Resp: 1043687

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 16.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): VN053925.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN053925.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN053925.D (-2100) (-)

8.59

600000

500000

400000

300000

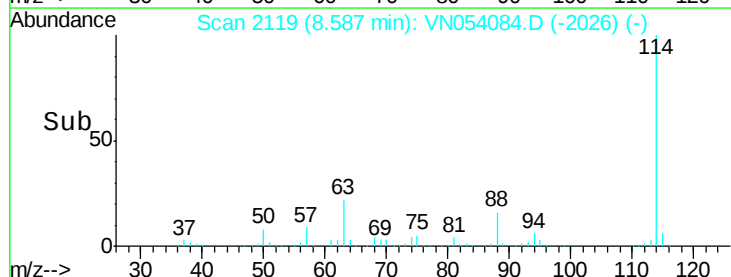
200000

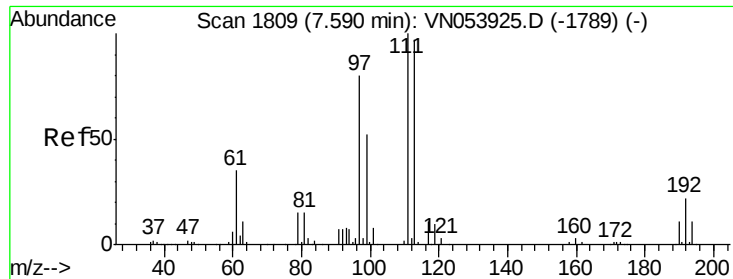
100000

0

8.50 8.60 8.70 8.80

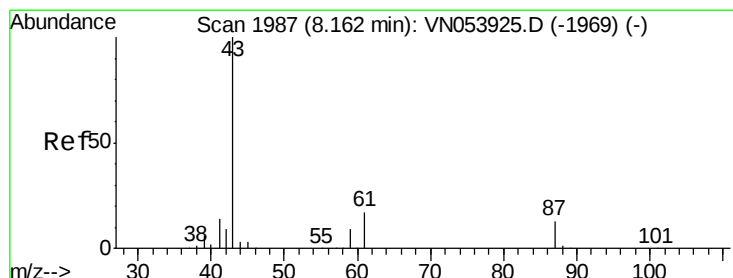
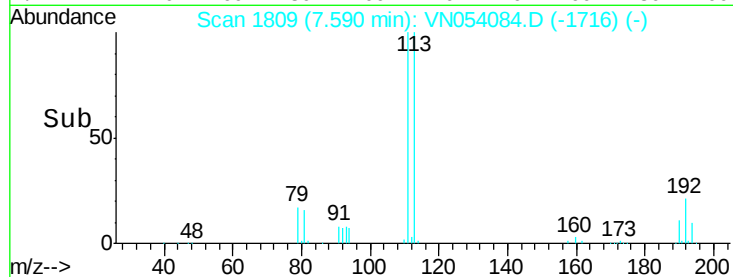
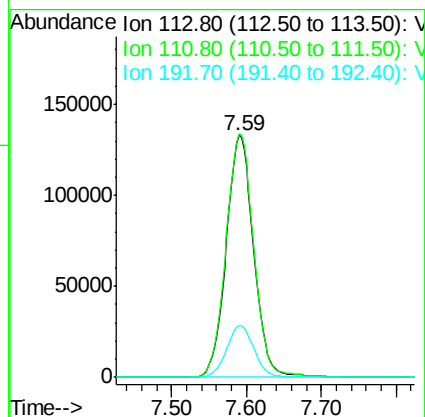
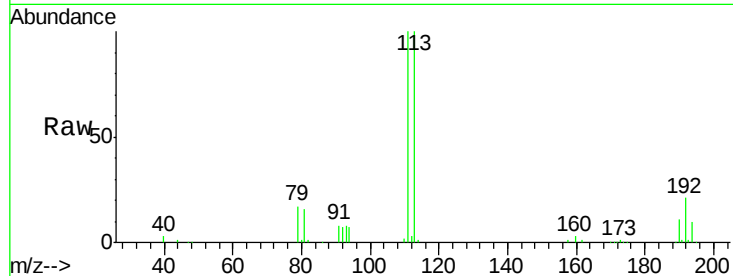
Time-->





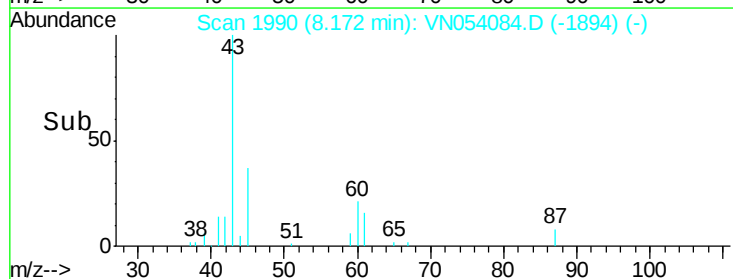
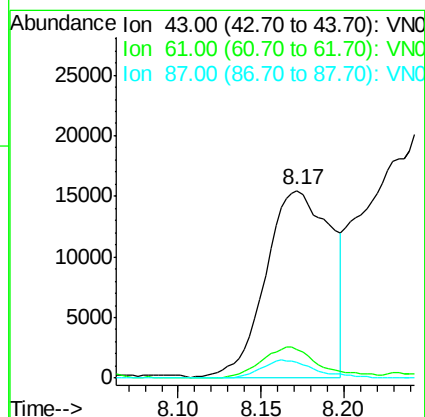
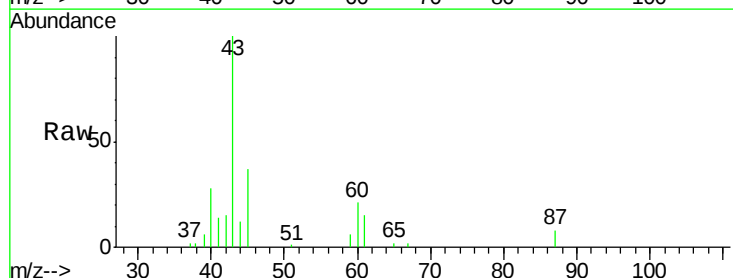
#35
 Dibromofluoromethane
 Concen: 50.019 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054084.D
 Acq: 4 Mar 2019 23:35

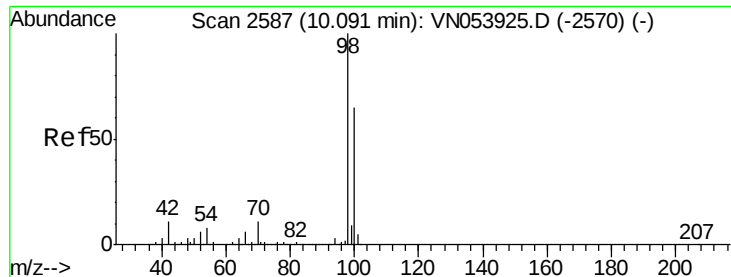
Tot Ion:113 Resp: 337582
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 21.5 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.635 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054084.D
 Acq: 4 Mar 2019 23:35

Tgt Ion: 43 Resp: 42529
 Ion Ratio Lower Upper
 43 100
 61 14.4 17.4 26.0#
 87 7.8 11.5 17.3#





#50

Toluene-d8

Concen: 53.747 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054084.D

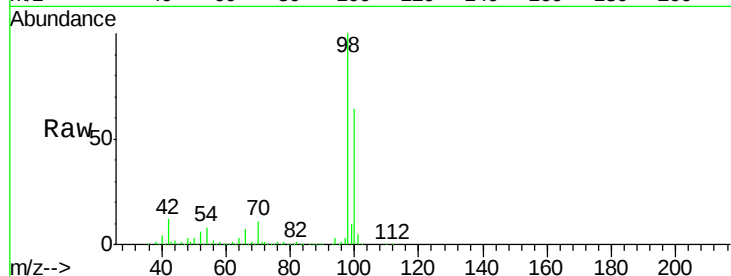
Acq: 4 Mar 2019 23:35

Tot Ion: 98 Resp: 1350337

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

10.09

600000

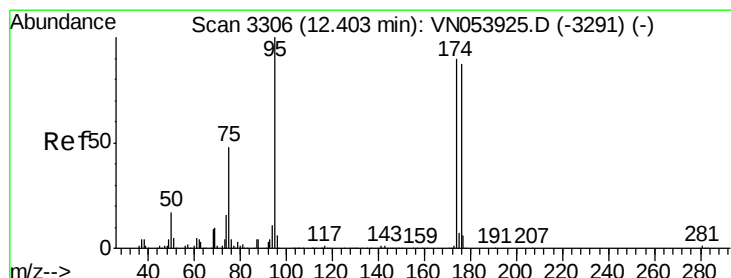
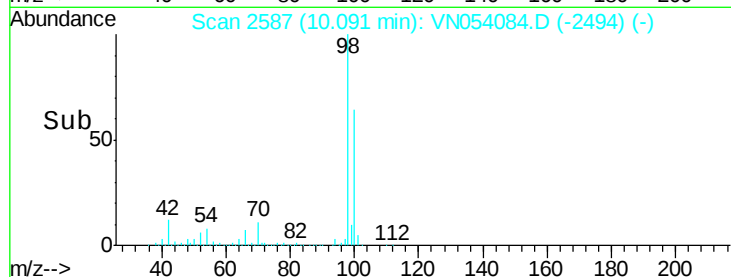
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 54.835 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054084.D

Acq: 4 Mar 2019 23:35

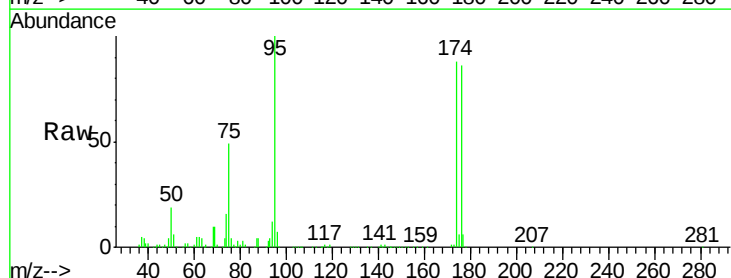
Tgt Ion: 95 Resp: 459000

Ion Ratio Lower Upper

95 100

174 87.4 0.0 188.8

176 84.0 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053925.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053925.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053925.D (-3291) (-)

12.40

300000

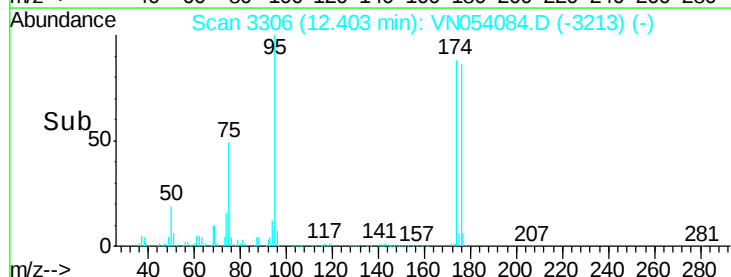
200000

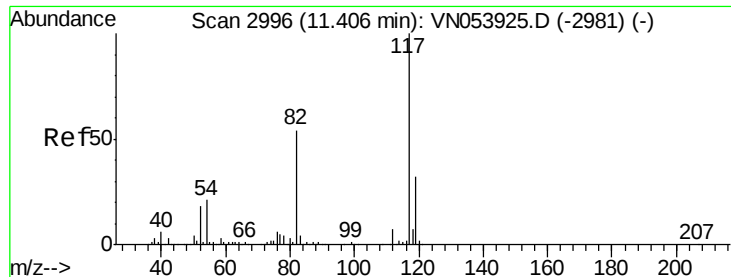
100000

0

Time-->

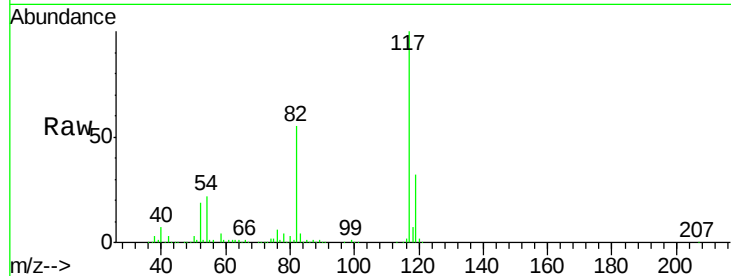
12.30 12.40 12.50



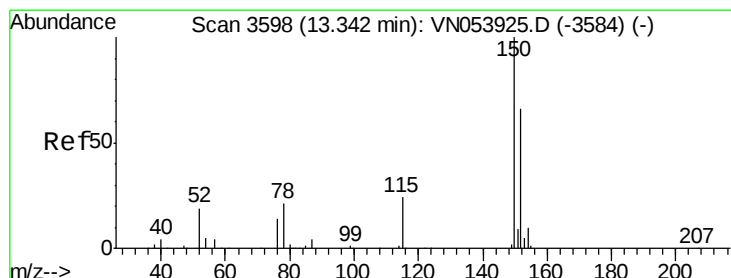
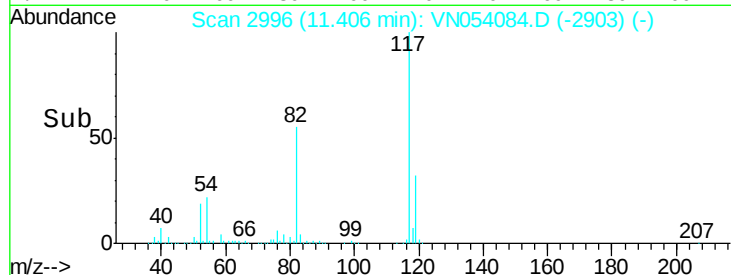
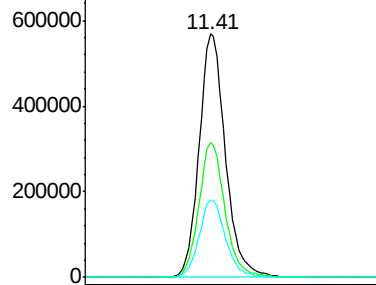


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054084.D
Acq: 4 Mar 2019 23:35

Tot Ion:117 Resp: 1056456
Ion Ratio Lower Upper
117 100
82 55.4 41.4 62.2
119 31.9 25.3 37.9

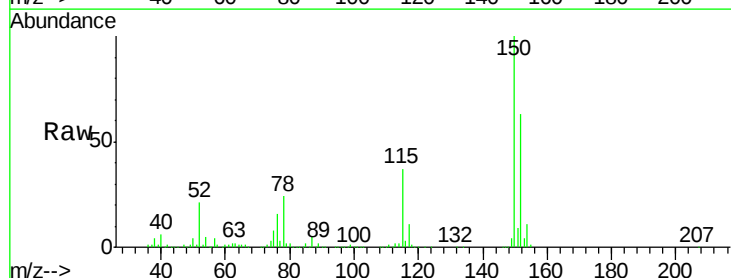


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

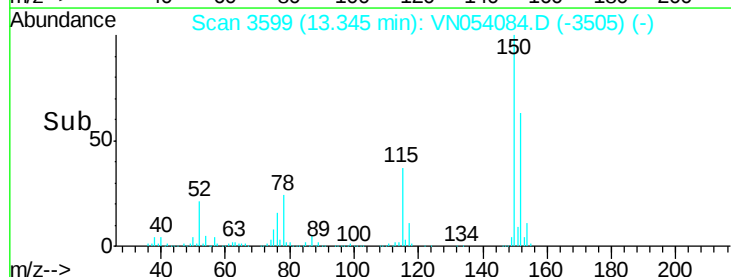
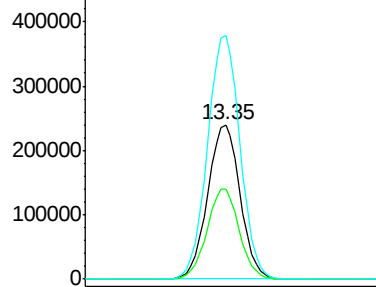


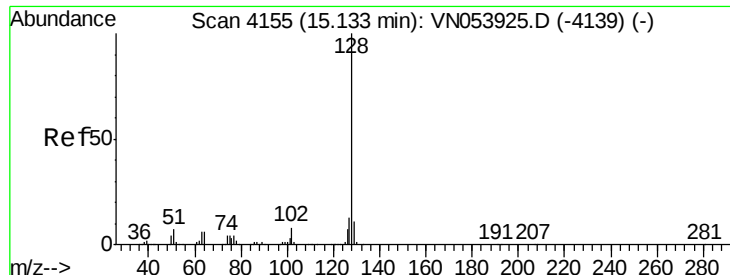
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054084.D
Acq: 4 Mar 2019 23:35

Tgt Ion:152 Resp: 394001
Ion Ratio Lower Upper
152 100
115 58.0 27.2 81.6
150 158.8 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: 3.449 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN054084.D

Acq: 4 Mar 2019 23:35

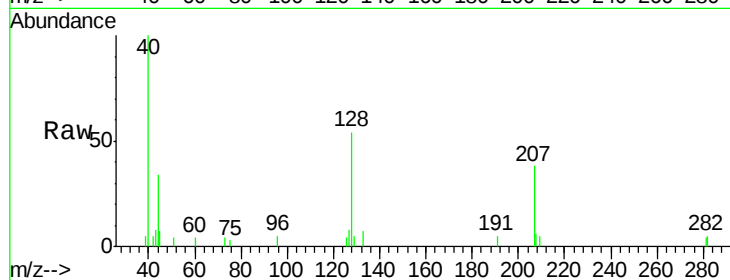
Tot Ion:128 Resp: 3952

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

129 7.3 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

