

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054067.D
 Acq On : 4 Mar 2019 16:00
 Operator : JC/SP
 Sample : PB117557TB
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

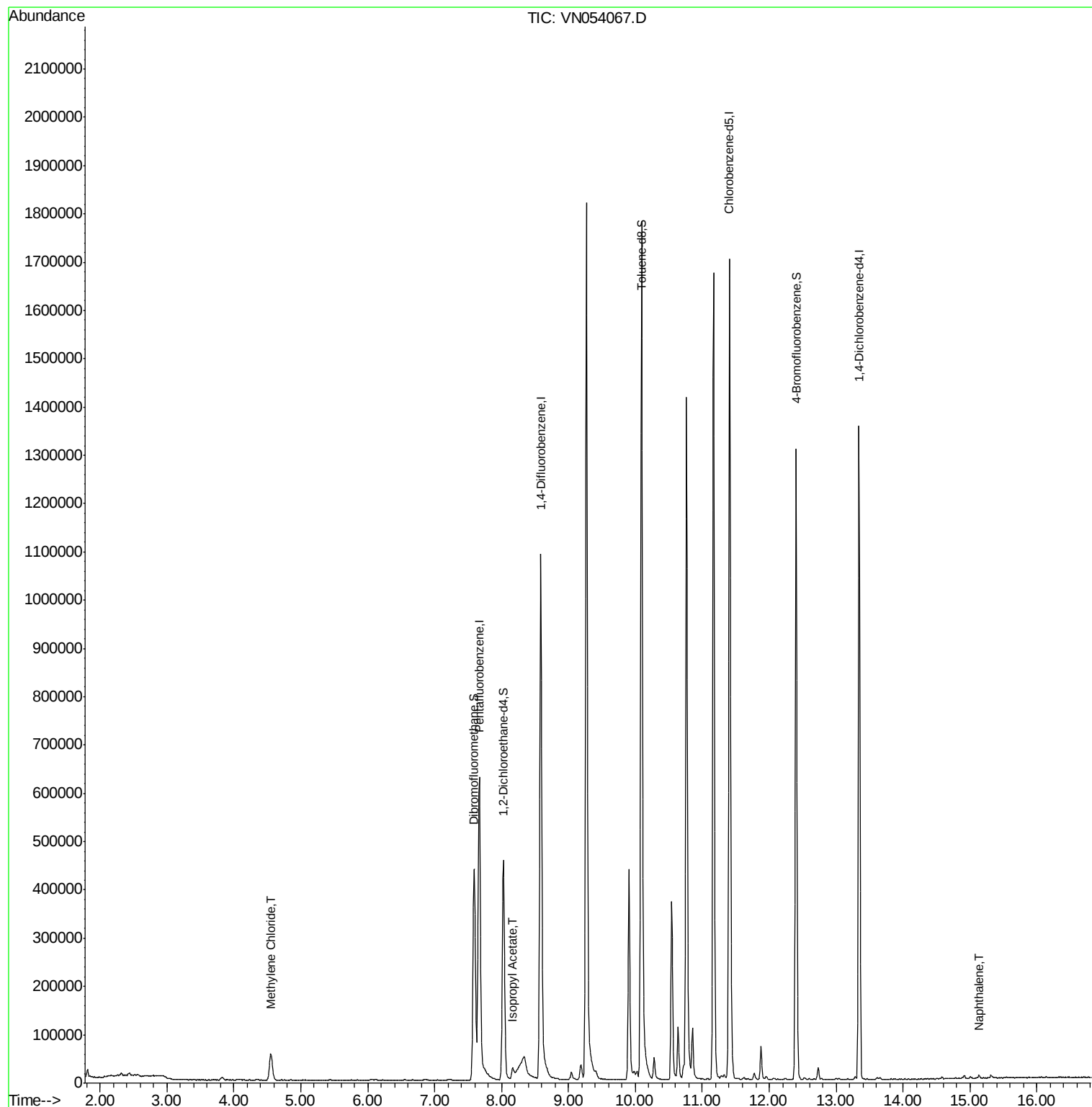
Quant Time: Mar 05 00:14:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

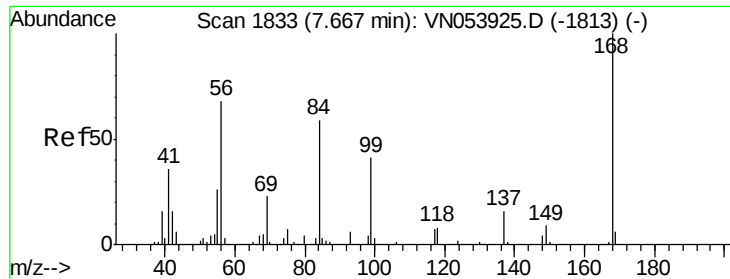
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	583996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1068457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1070988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	376284	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	384533	56.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.34%	
35) Dibromofluoromethane	7.59	113	347896	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	10.09	98	1387217	53.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.88%	
62) 4-Bromofluorobenzene	12.40	95	455245	53.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.26%	
Target Compounds						
20) Methylene Chloride	4.55	84	40955	6.045	ug/l	90
43) Isopropyl Acetate	8.17	43	37770	3.153	ug/l #	90
95) Naphthalene	15.14	128	4921	3.521	ug/l #	94

(#) = 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: VN054067.D

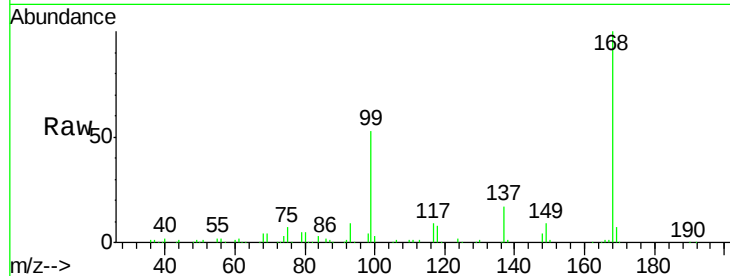
Acq: 4 Mar 2019 16:00

Tot Ion:168 Resp: 583996

Ion Ratio Lower Upper

168 100

99 52.9 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

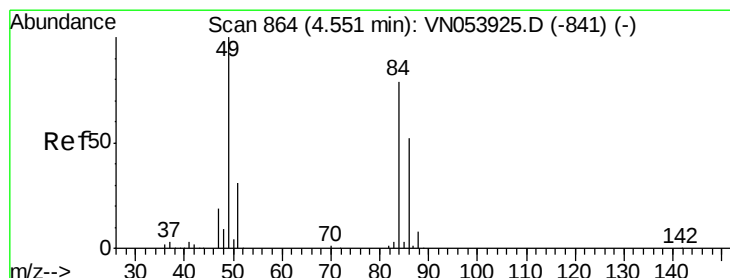
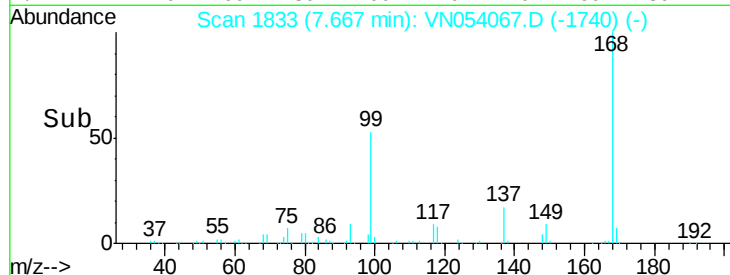
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#20

Methylene Chloride

Concen: 6.045 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054067.D

Acq: 4 Mar 2019 16:00

Tgt Ion: 84 Resp: 40955

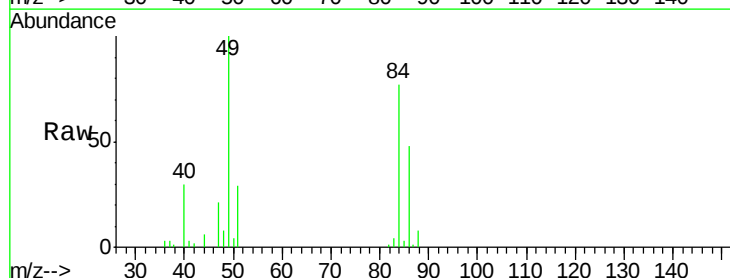
Ion Ratio Lower Upper

84 100

49 130.2 89.7 134.5

51 38.0 27.8 41.8

86 62.7 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

25000

20000

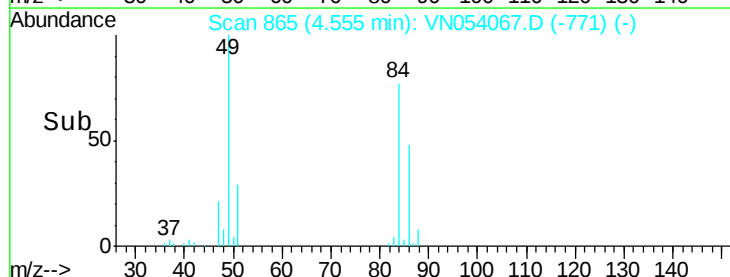
15000

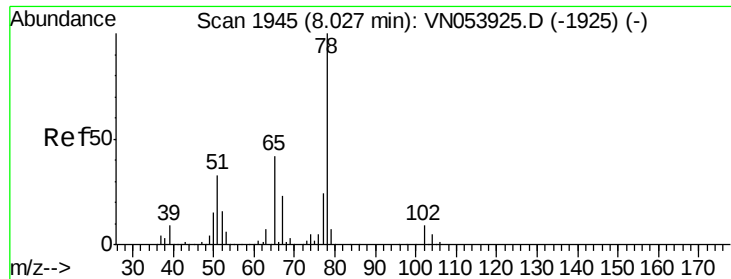
10000

5000

0

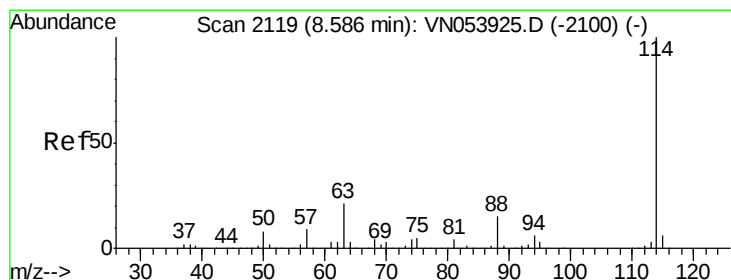
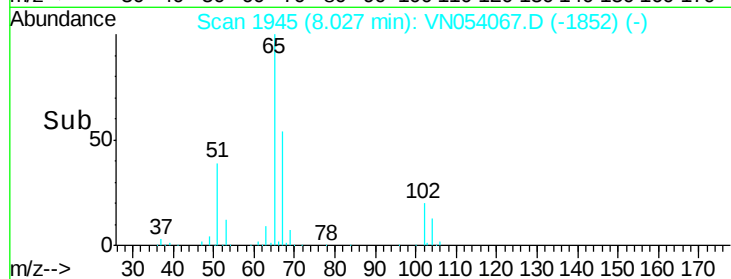
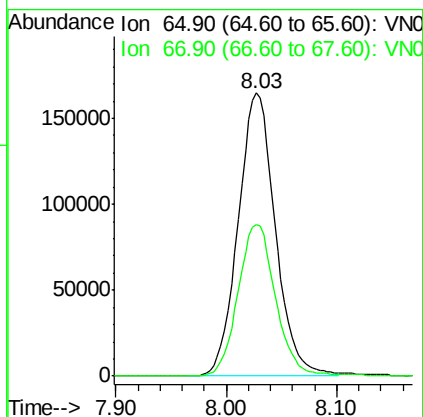
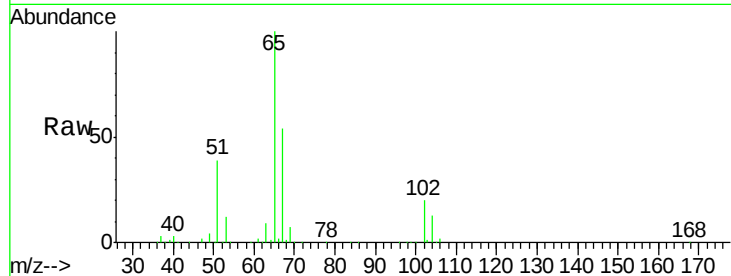
Time--> 4.50 4.60 4.70





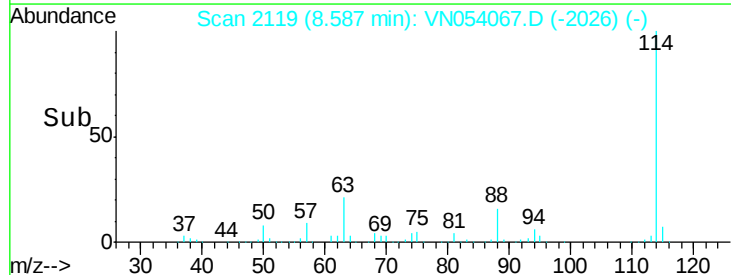
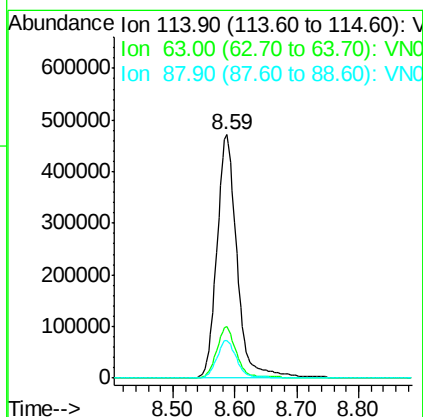
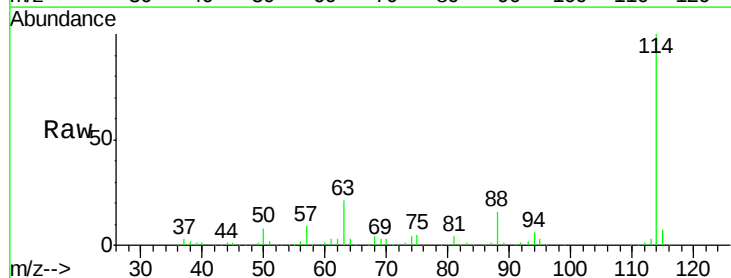
#33
 1,2-Dichloroethane-d4
 Concen: 56.171 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054067.D
 Acq: 4 Mar 2019 16:00

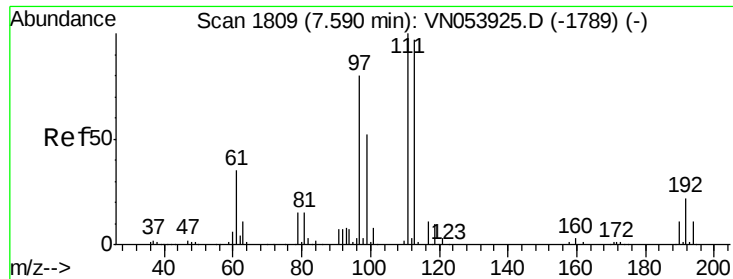
Tot Ion: 65 Resp: 384533
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054067.D
 Acq: 4 Mar 2019 16:00

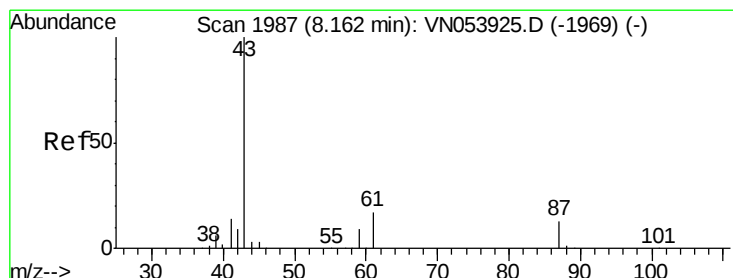
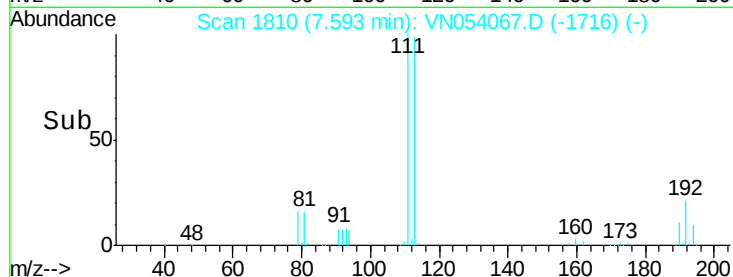
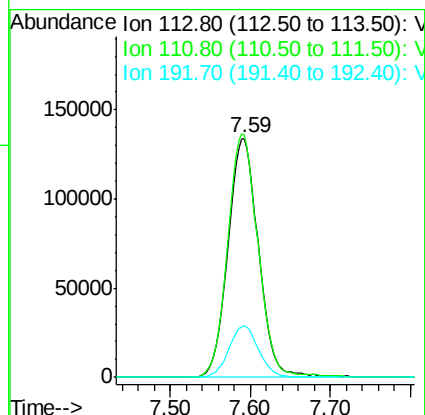
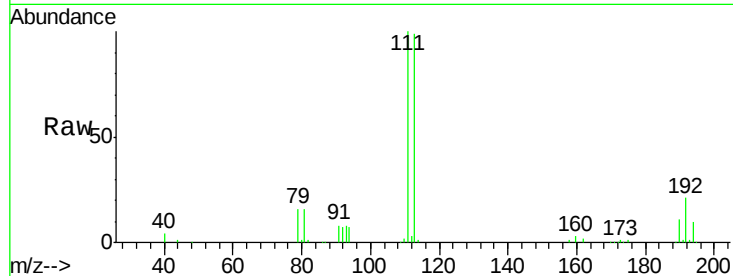
Tgt Ion: 114 Resp: 1068457
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.6 0.0 30.4





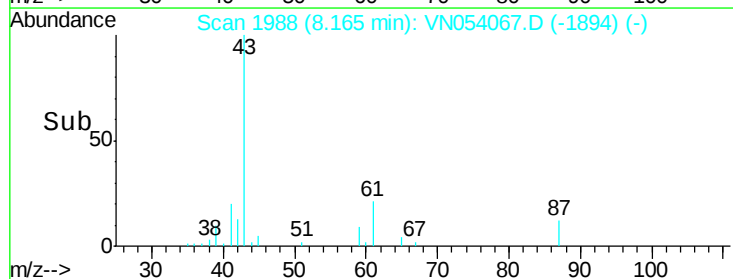
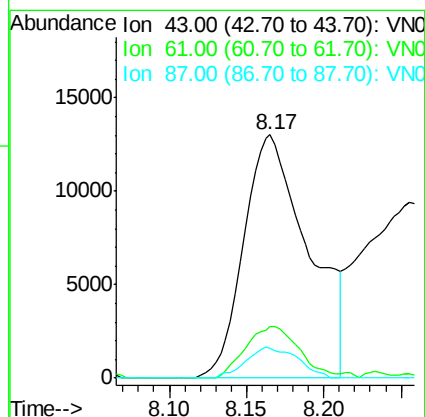
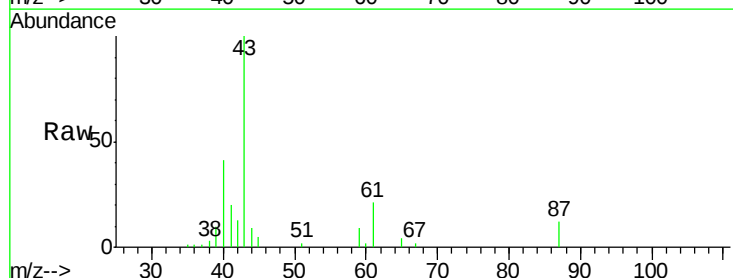
#35
 Dibromofluoromethane
 Concen: 50.352 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054067.D
 Acq: 4 Mar 2019 16:00

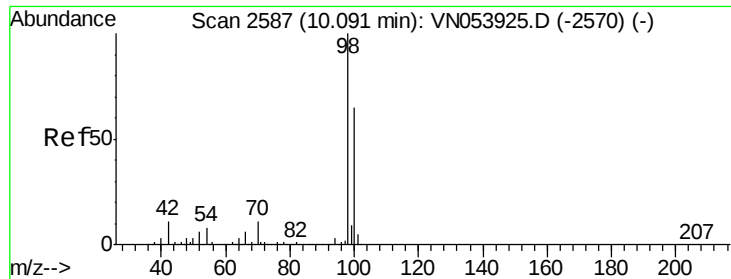
Tot Ion:113 Resp: 347896
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.1 121.7
 192 21.1 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 3.153 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN054067.D
 Acq: 4 Mar 2019 16:00

Tgt Ion: 43 Resp: 37770
 Ion Ratio Lower Upper
 43 100
 61 17.5 17.4 26.0
 87 10.1 11.5 17.3#





#50

Toluene-d8

Concen: 53.935 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054067.D

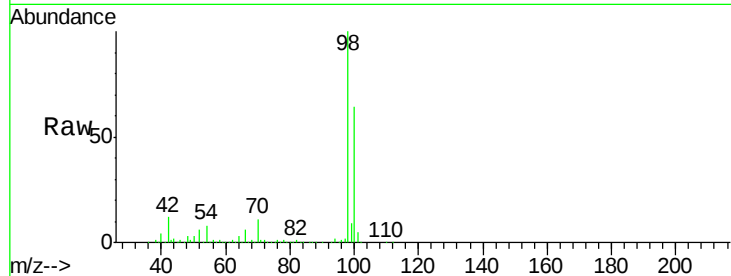
Acq: 4 Mar 2019 16:00

Tot Ion: 98 Resp: 1387217

Ion Ratio Lower Upper

98 100

100 63.3 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

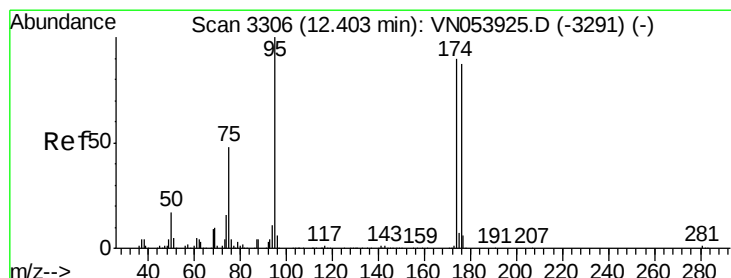
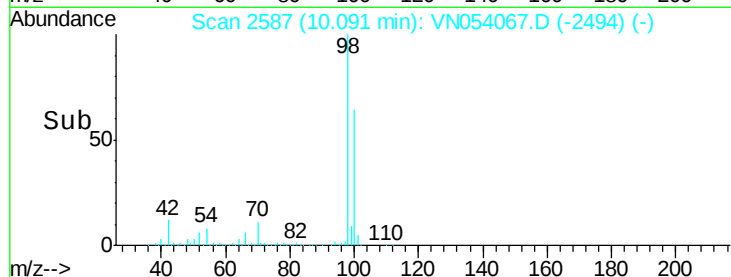
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.126 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054067.D

Acq: 4 Mar 2019 16:00

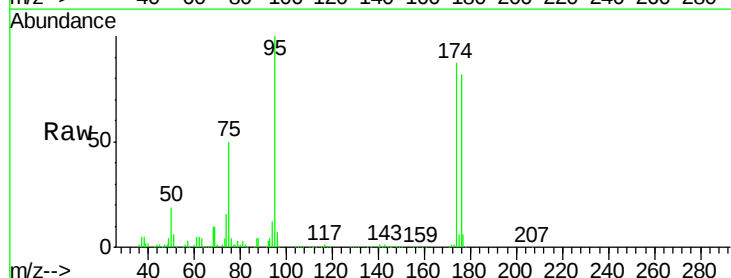
Tgt Ion: 95 Resp: 455245

Ion Ratio Lower Upper

95 100

174 86.9 0.0 188.8

176 84.8 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

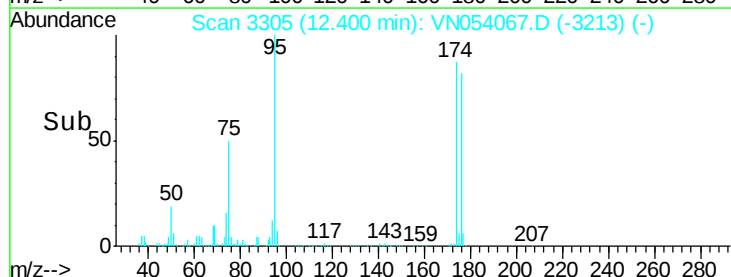
300000

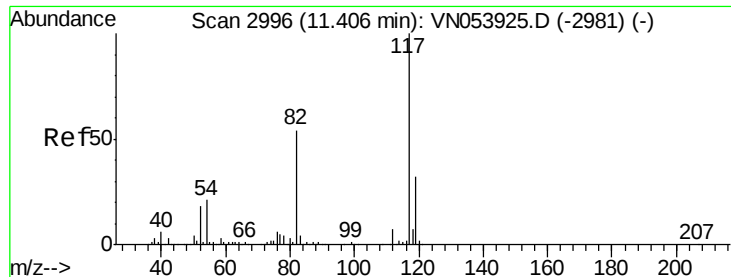
200000

100000

0

Time-->

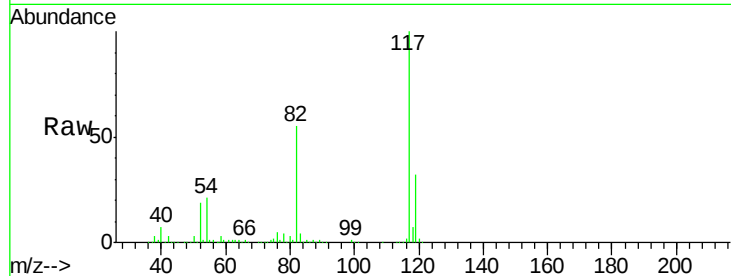




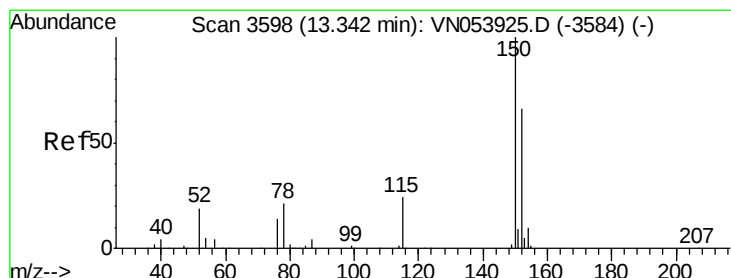
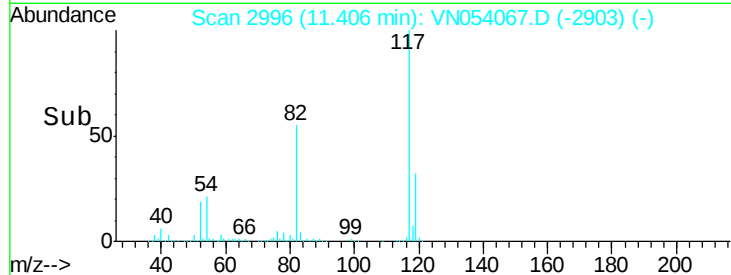
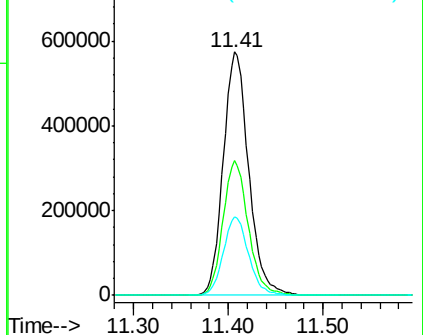
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054067.D
Acq: 4 Mar 2019 16:00

Tot Ion:117 Resp: 1070988

Ion	Ratio	Lower	Upper
117	100		
82	55.2	41.4	62.2
119	32.2	25.3	37.9



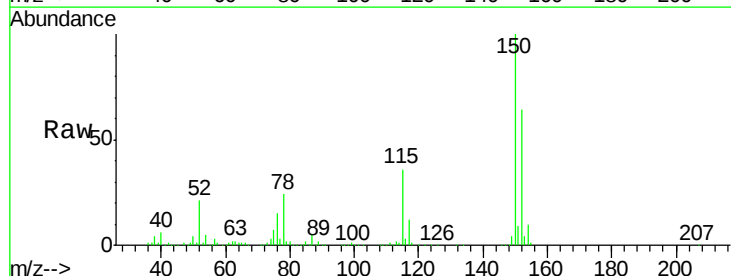
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



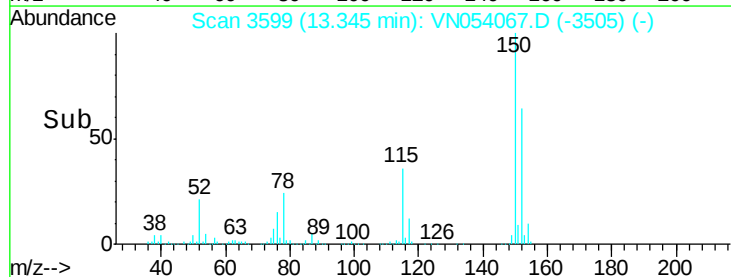
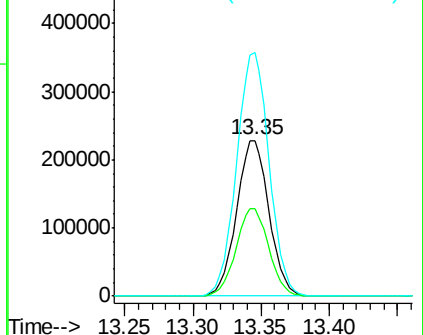
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054067.D
Acq: 4 Mar 2019 16:00

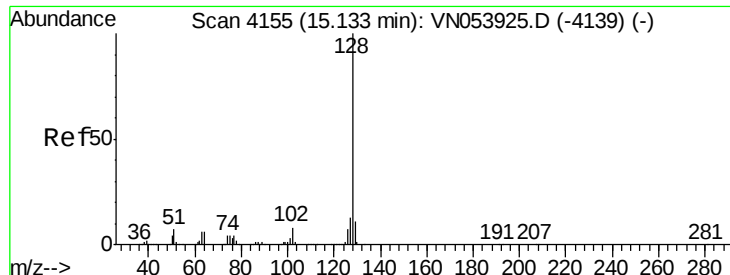
Tgt Ion:152 Resp: 376284

Ion	Ratio	Lower	Upper
152	100		
115	56.7	27.2	81.6
150	157.0	0.0	348.2



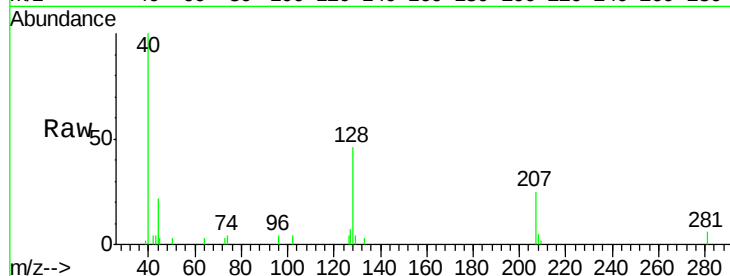
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 3.521 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN054067.D
Acq: 4 Mar 2019 16:00

Tot Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.2	15.2
129	7.7	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

