

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054080.D
 Acq On : 4 Mar 2019 21:48
 Operator : JC/SP
 Sample : K1715-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

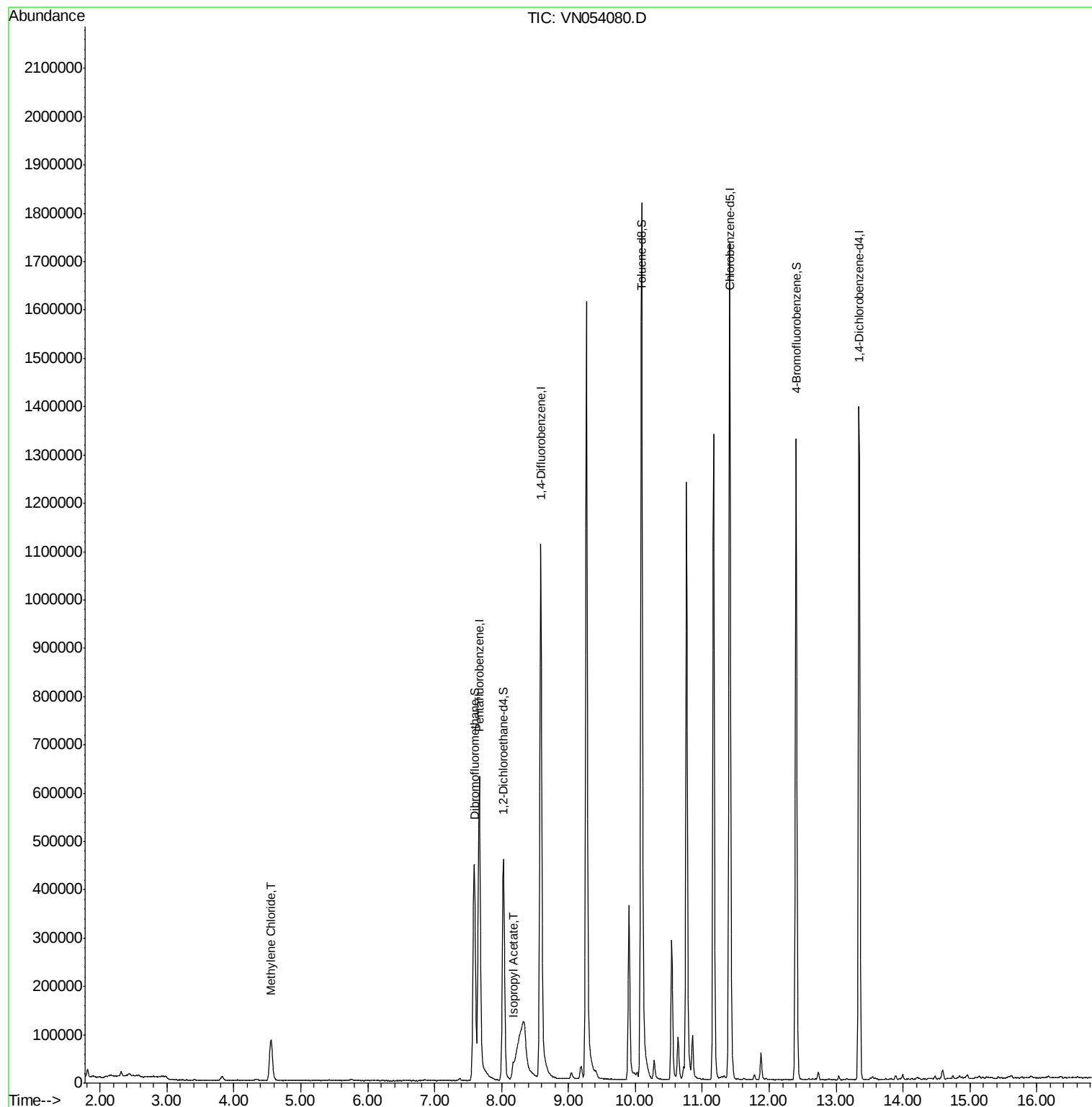
Quant Time: Mar 05 00:49:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

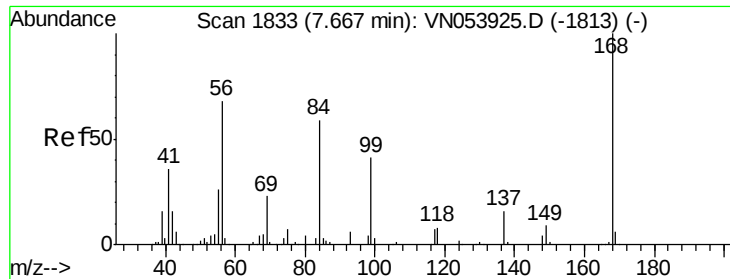
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	580898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1101170	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1081977	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	396077	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	390910	57.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.82%	
35) Dibromofluoromethane	7.59	113	355437	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
50) Toluene-d8	10.09	98	1406950	53.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.16%	
62) 4-Bromofluorobenzene	12.40	95	468578	53.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.12%	
Target Compounds						
20) Methylene Chloride	4.55	84	65510	9.720	ug/l	88
43) Isopropyl Acetate	8.18	43	33067	2.678	ug/l #	87

(#) = 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: VN054080.D

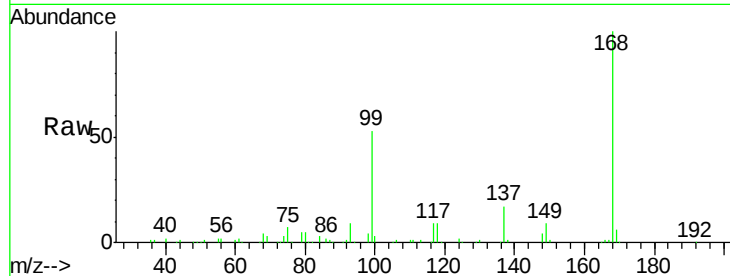
Acq: 4 Mar 2019 21:48

Tot Ion:168 Resp: 580898

Ion Ratio Lower Upper

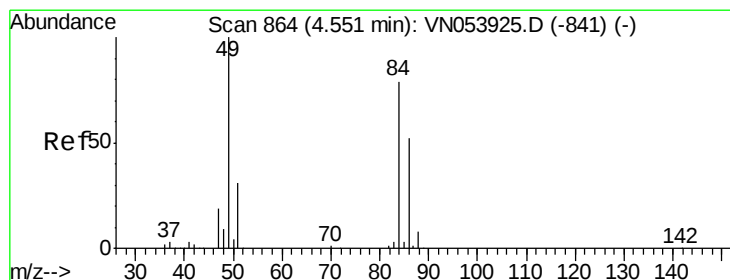
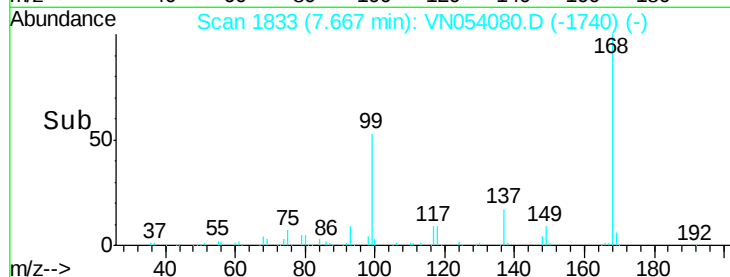
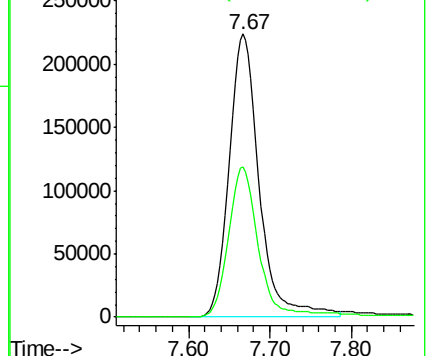
168 100

99 53.0 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#20

Methylene Chloride

Concen: 9.720 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054080.D

Acq: 4 Mar 2019 21:48

Tgt Ion: 84 Resp: 65510

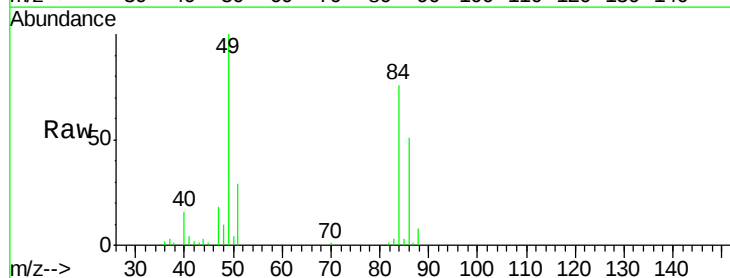
Ion Ratio Lower Upper

84 100

49 131.4 89.7 134.5

51 38.8 27.8 41.8

86 67.6 51.3 76.9

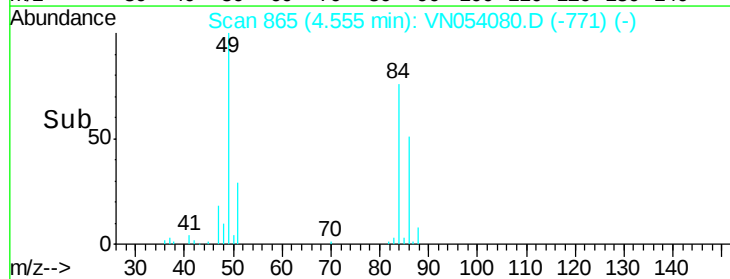
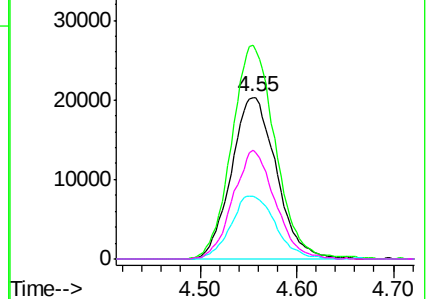


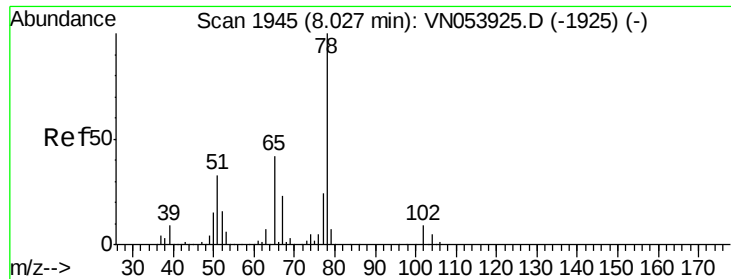
Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

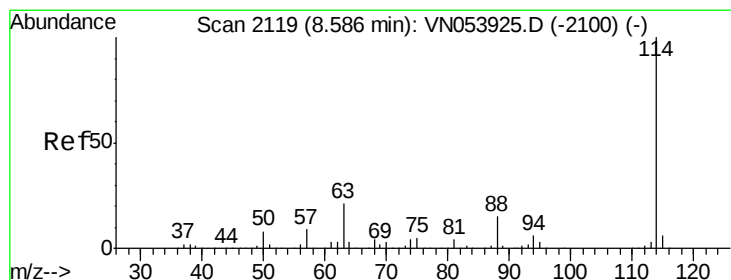
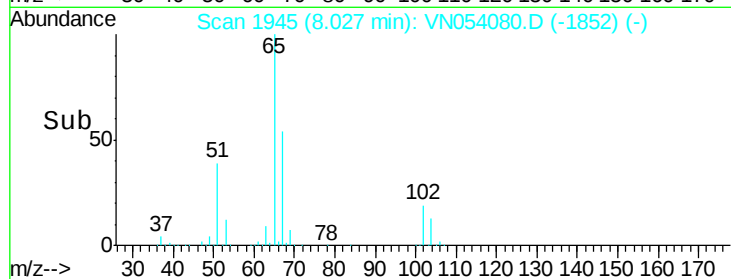
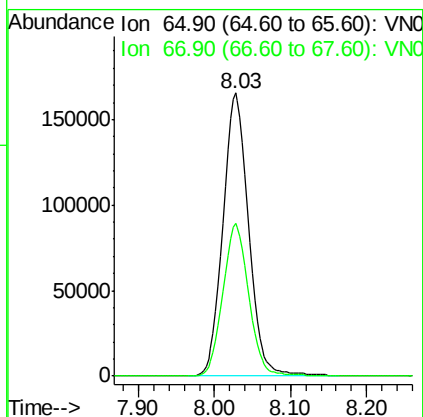
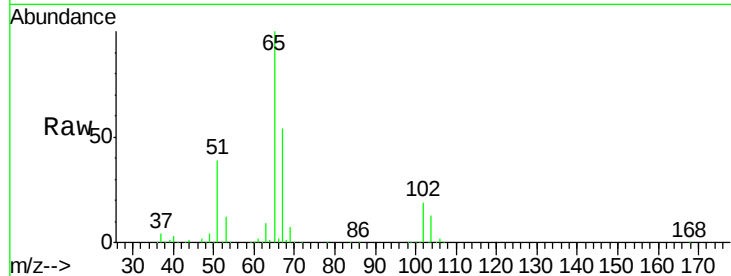
Ion 85.90 (85.60 to 86.60): VNO





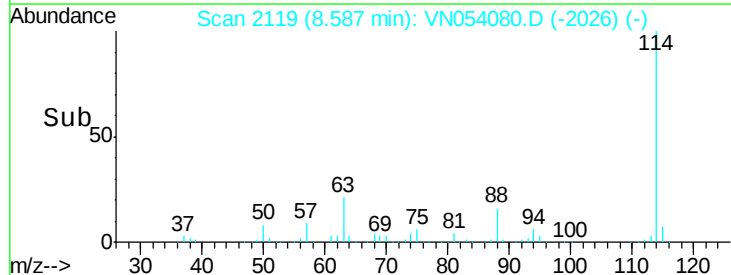
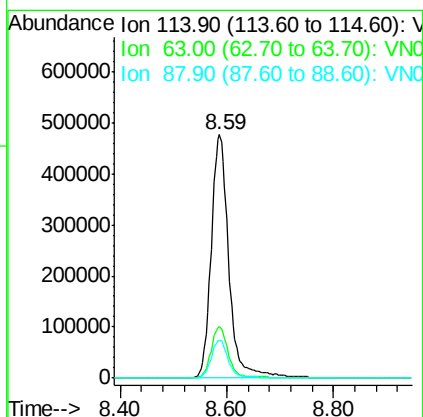
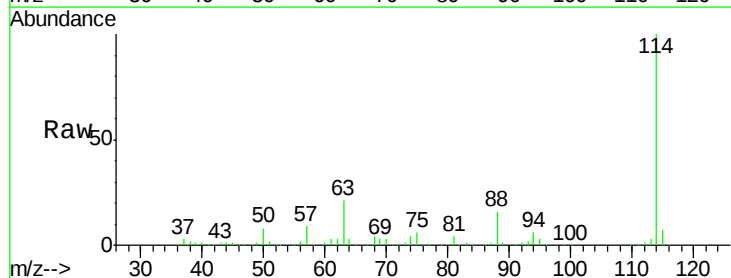
#33
 1,2-Dichloroethane-d4
 Concen: 57.407 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054080.D
 Acq: 4 Mar 2019 21:48

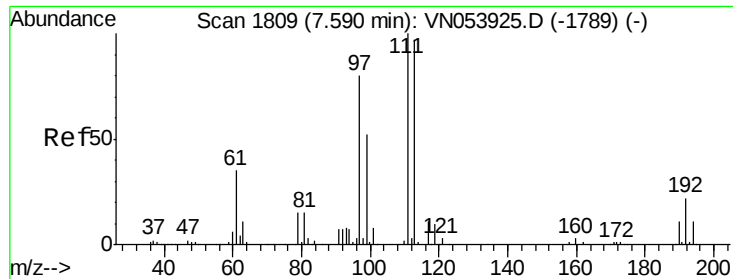
Tot Ion: 65 Resp: 390910
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054080.D
 Acq: 4 Mar 2019 21:48

Tgt Ion: 114 Resp: 1101170
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 37.4
 88 15.7 0.0 30.4





#35

Dibromofluoromethane

Concen: 49.915 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN054080.D

Acq: 4 Mar 2019 21:48

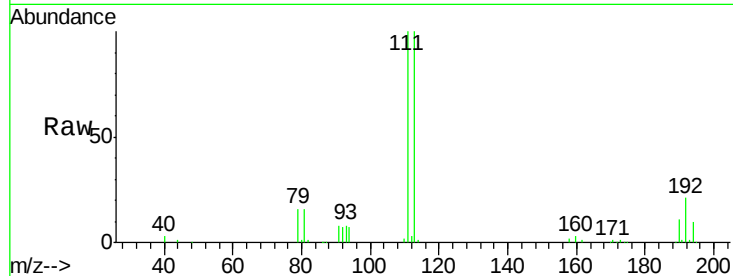
Tot Ion:113 Resp: 355437

Ion Ratio Lower Upper

113 100

111 100.3 81.1 121.7

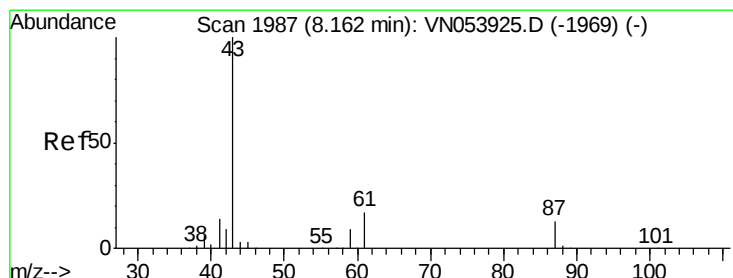
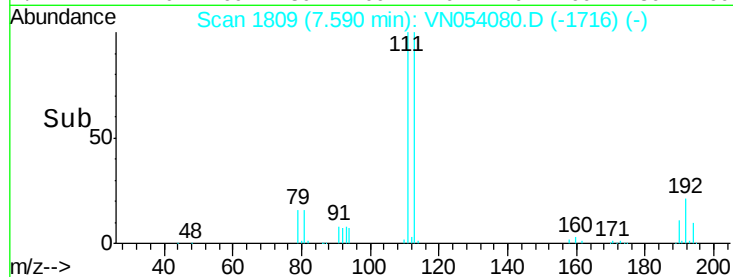
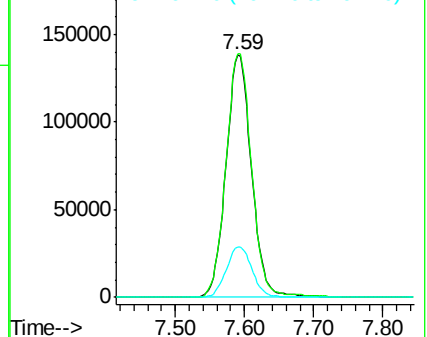
192 21.3 18.8 28.2



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: 2.678 ug/l

RT: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN054080.D

Acq: 4 Mar 2019 21:48

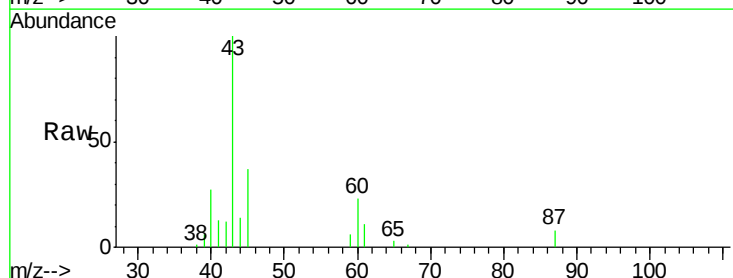
Tgt Ion: 43 Resp: 33067

Ion Ratio Lower Upper

43 100

61 14.7 17.4 26.0#

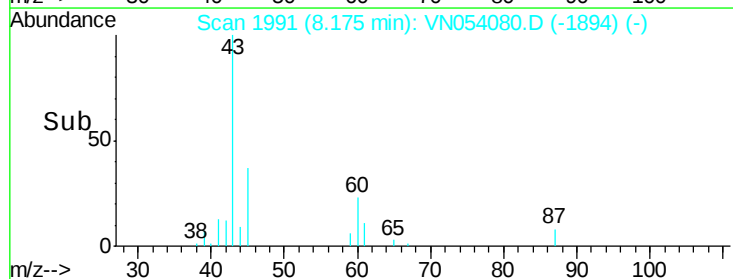
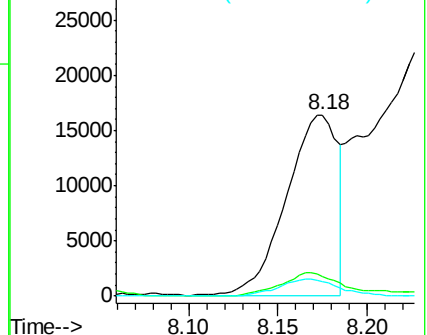
87 10.6 11.5 17.3#

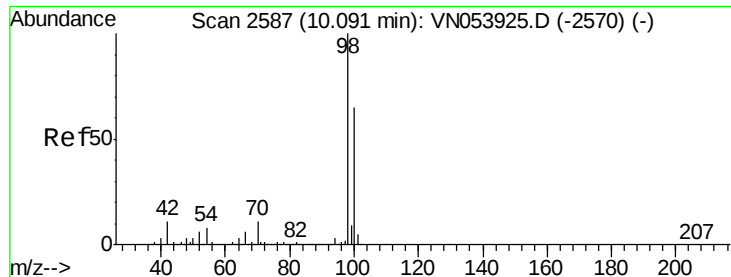


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 61.00 (60.70 to 61.70): V

Ion 87.00 (86.70 to 87.70): V





#50

Toluene-d8

Concen: 53.077 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054080.D

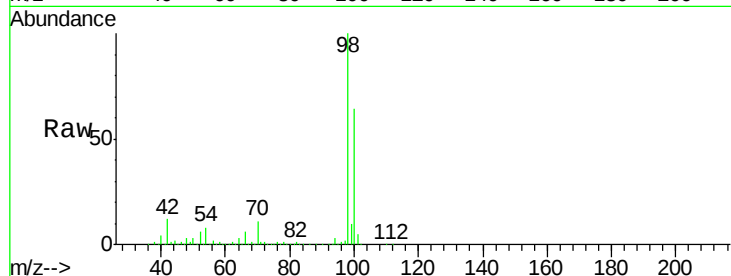
Acq: 4 Mar 2019 21:48

Tot Ion: 98 Resp: 1406950

Ion Ratio Lower Upper

98 100

100 63.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN

10.09

800000

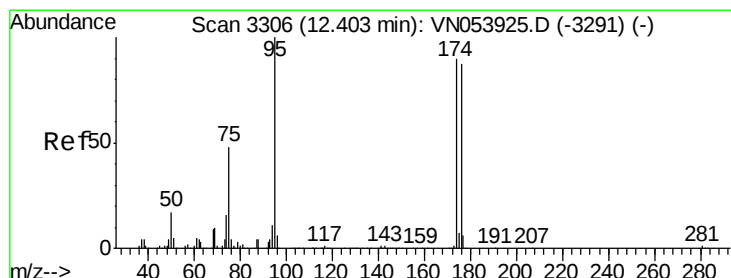
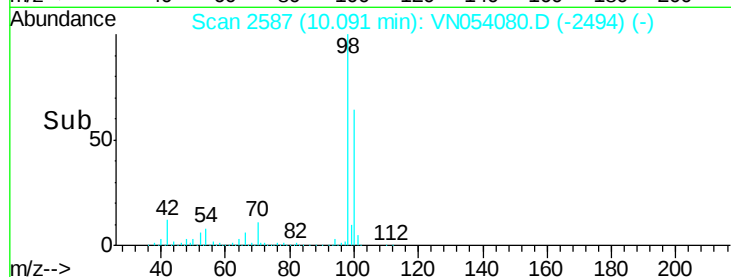
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.057 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054080.D

Acq: 4 Mar 2019 21:48

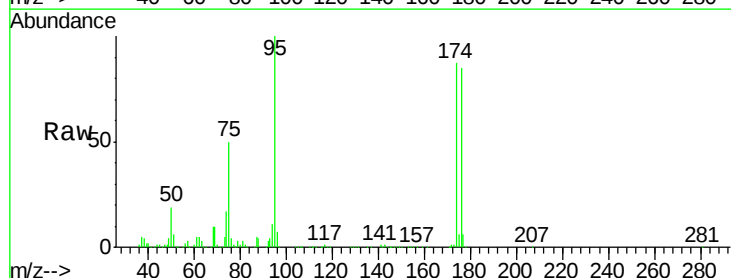
Tgt Ion: 95 Resp: 468578

Ion Ratio Lower Upper

95 100

174 86.4 0.0 188.8

176 84.8 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.40

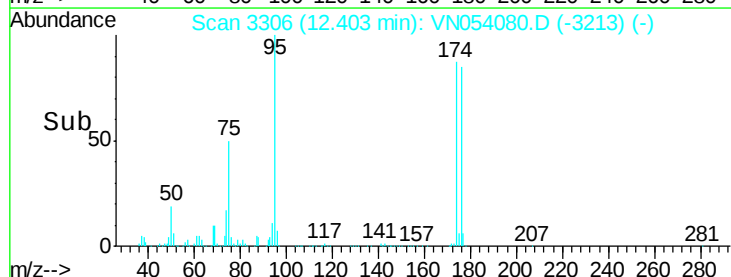
300000

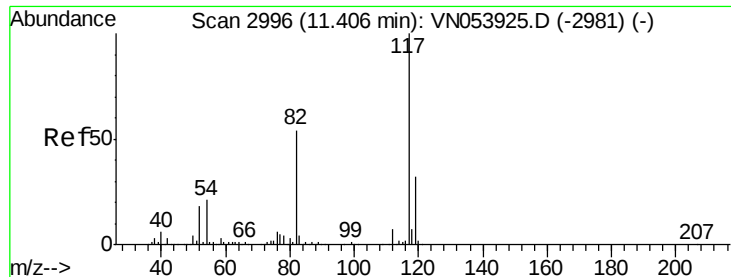
200000

100000

0

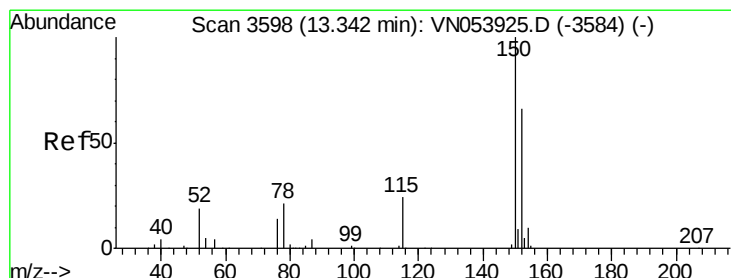
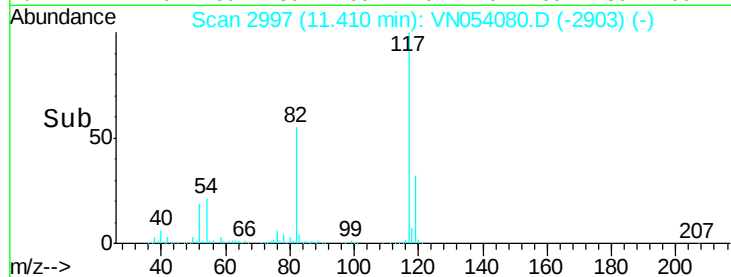
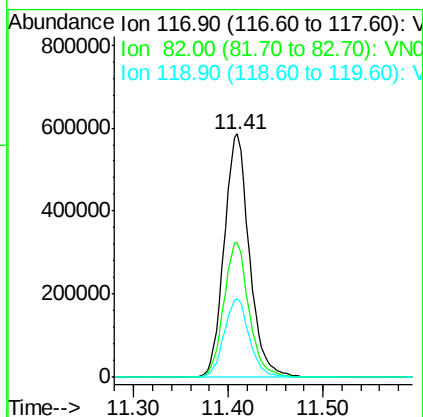
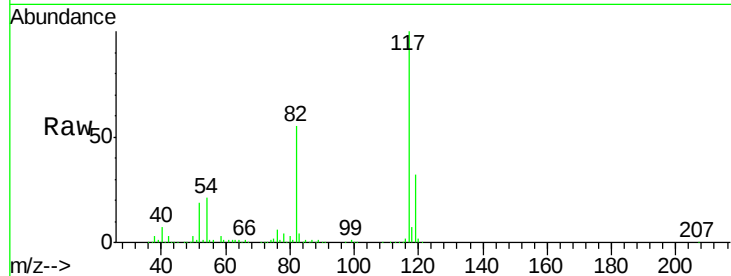
Time-->





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN054080.D
Acq: 4 Mar 2019 21:48

Tot Ion:117 Resp: 1081977
Ion Ratio Lower Upper
117 100
82 55.5 41.4 62.2
119 32.4 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054080.D
Acq: 4 Mar 2019 21:48

Tgt Ion:152 Resp: 396077
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 157.7 0.0 348.2

