

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054087.D
 Acq On : 5 Mar 2019 00:55
 Operator : JC/SP
 Sample : K1712-18
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 1

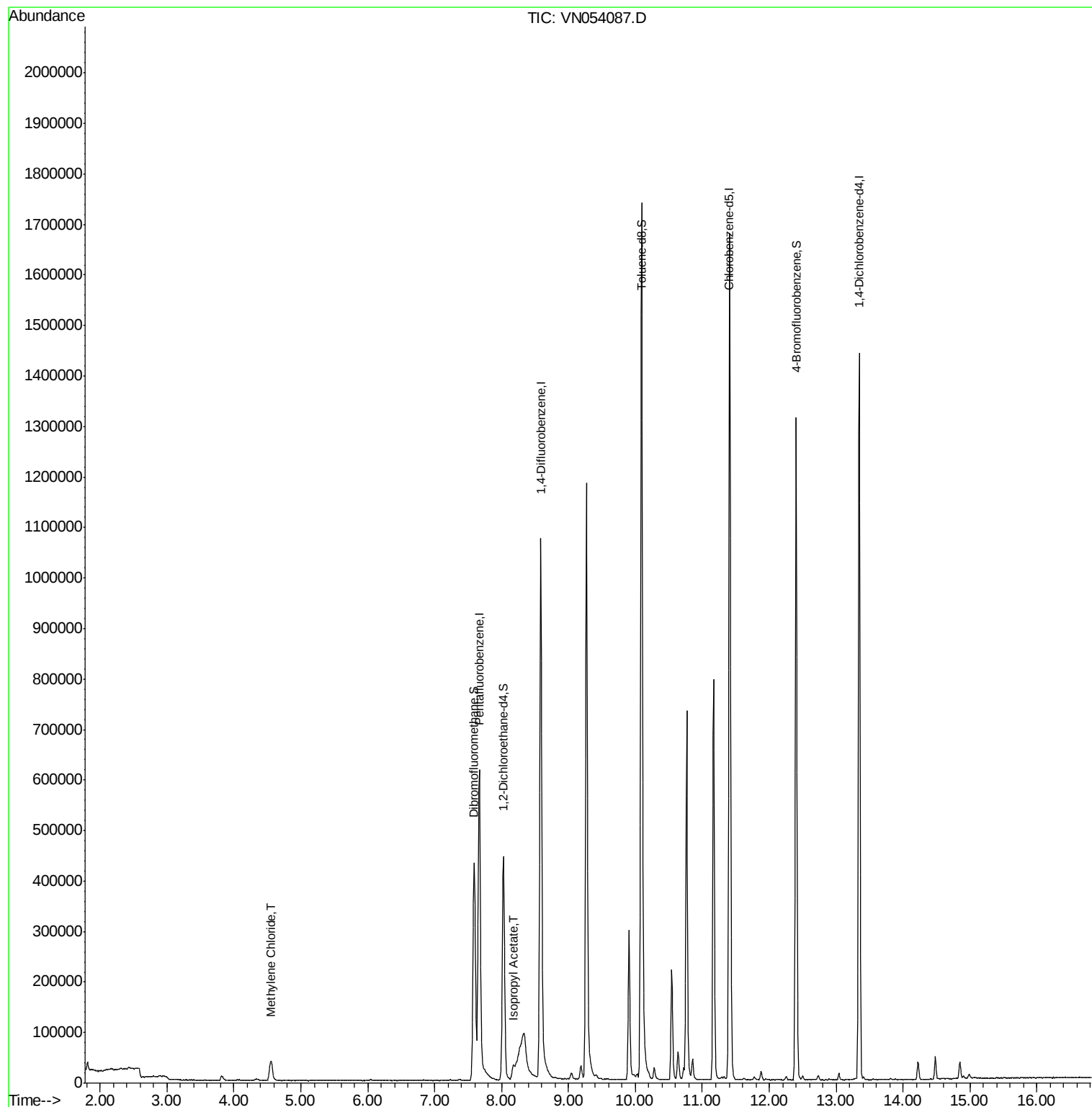
Quant Time: Mar 05 01:20:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

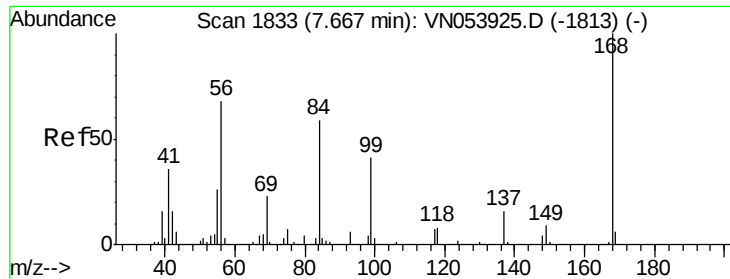
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	547652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1057778	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1048246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	395366	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	383044	59.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.34%	
35) Dibromofluoromethane	7.59	113	343799	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
50) Toluene-d8	10.09	98	1351752	53.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.18%	
62) 4-Bromofluorobenzene	12.40	95	452278	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.62%	
Target Compounds						
20) Methylene Chloride	4.55	84	30505	4.801	ug/l	87
43) Isopropyl Acetate	8.17	43	35461	2.990	ug/l #	84

(#) = 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: VN054087.D

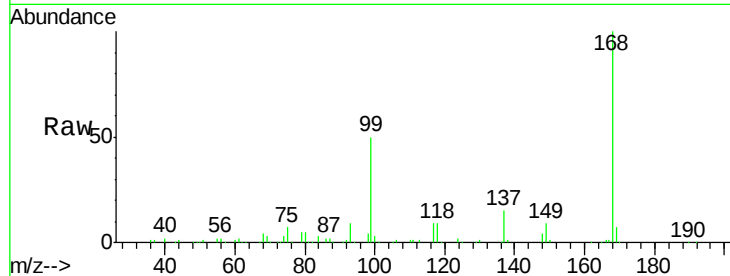
Acq: 5 Mar 2019 00:55

Tot Ion:168 Resp: 547652

Ion Ratio Lower Upper

168 100

99 49.8 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

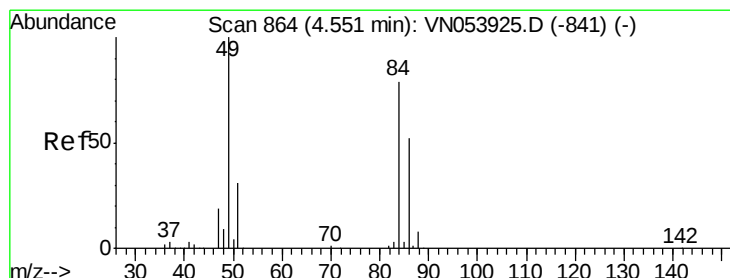
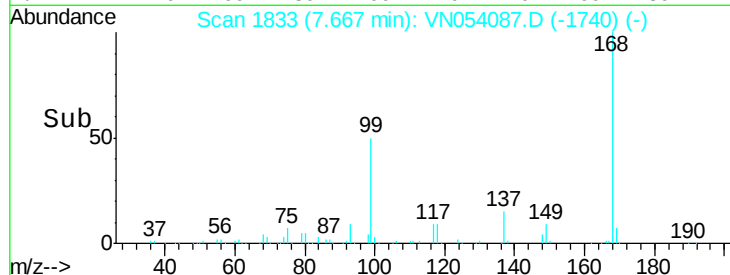
50000

0

Time-->

7.60

7.70



#20

Methylene Chloride

Concen: 4.801 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054087.D

Acq: 5 Mar 2019 00:55

Tgt Ion: 84 Resp: 30505

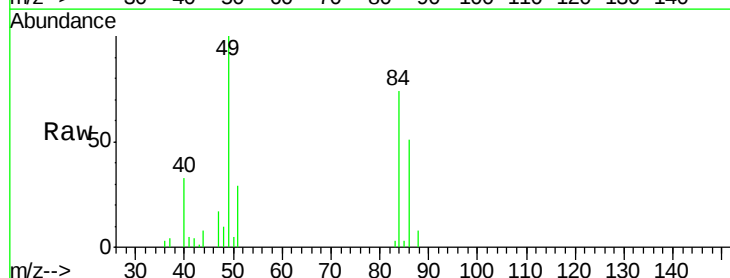
Ion Ratio Lower Upper

84 100

49 132.3 89.7 134.5

51 39.5 27.8 41.8

86 68.7 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

15000

10000

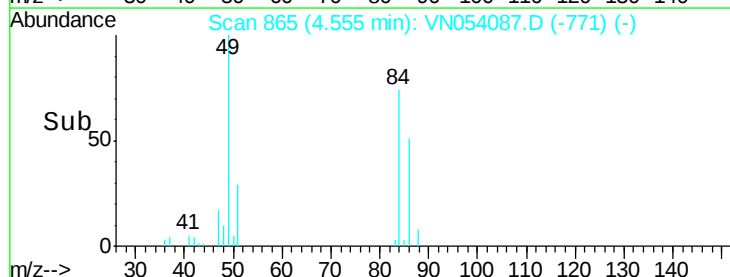
5000

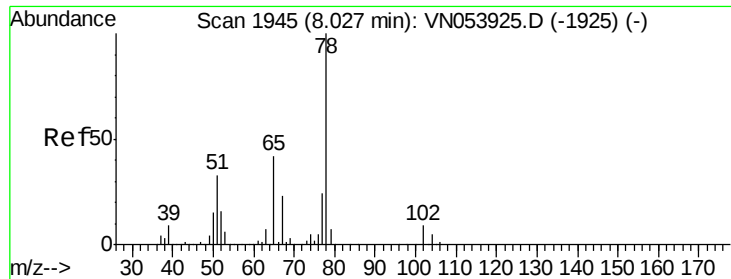
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Time-->

4.50

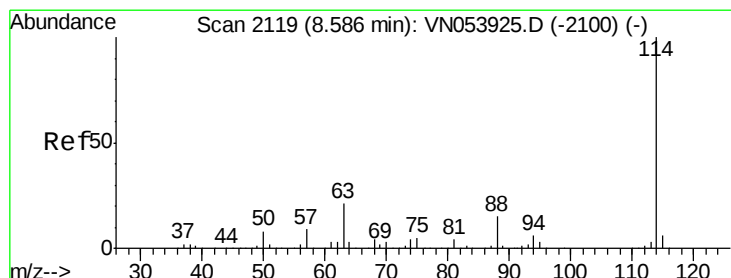
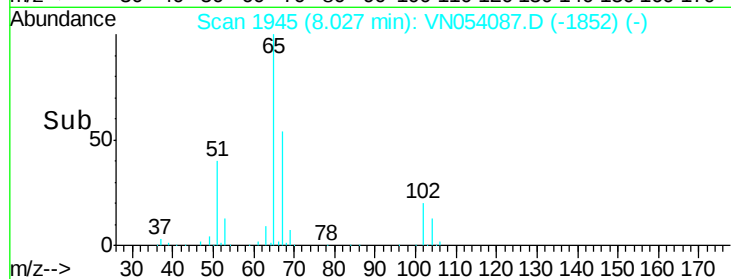
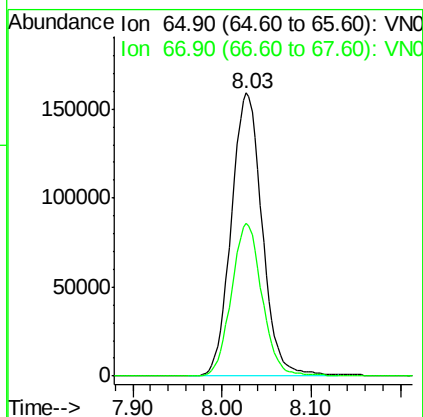
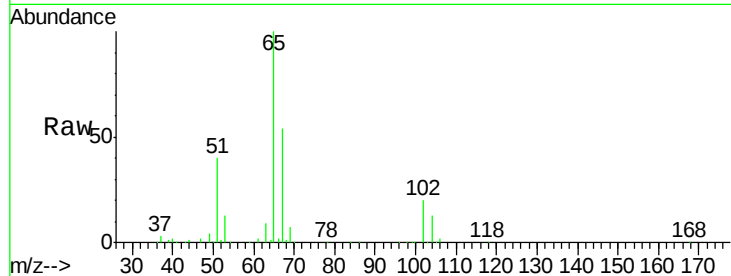
4.60





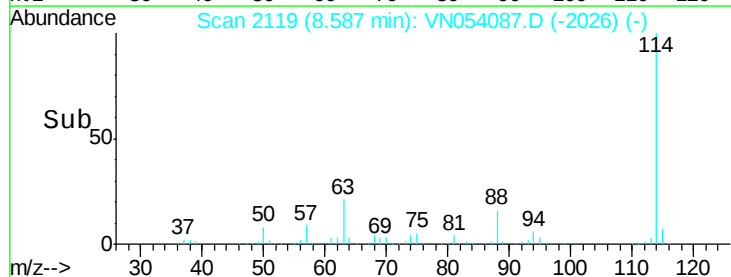
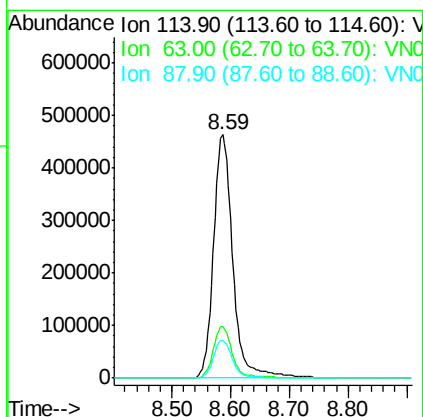
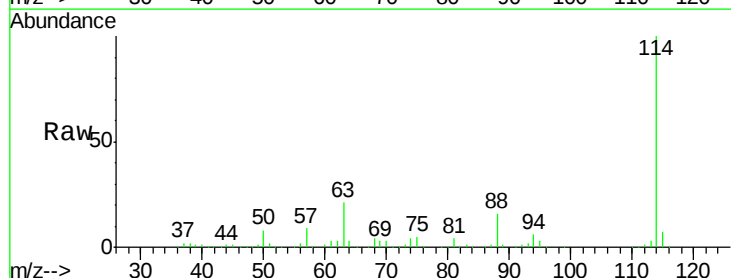
#33
 1,2-Dichloroethane-d4
 Concen: 59.667 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054087.D
 Acq: 5 Mar 2019 00:55

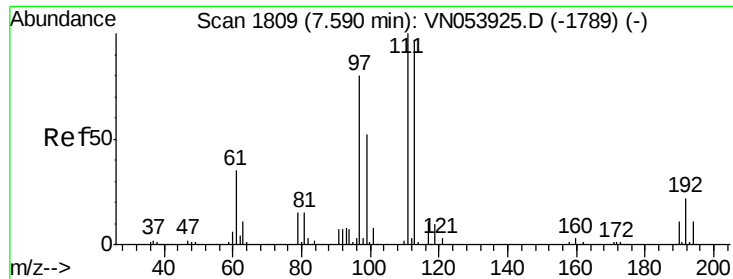
Tot Ion: 65 Resp: 383044
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054087.D
 Acq: 5 Mar 2019 00:55

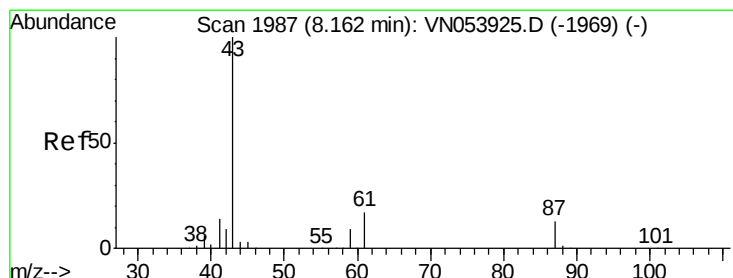
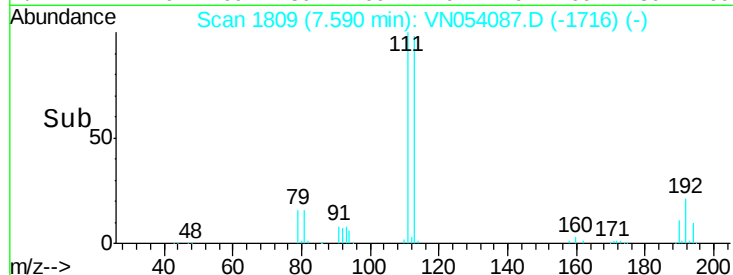
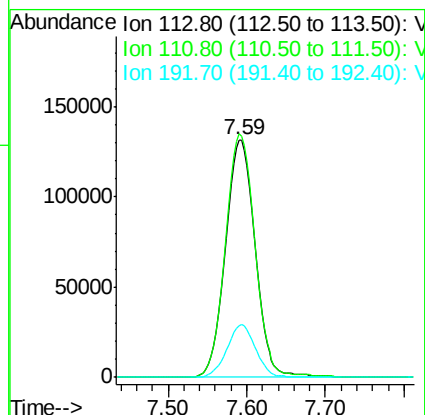
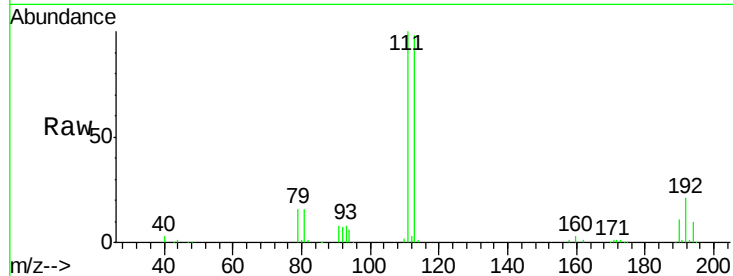
Tgt Ion: 114 Resp: 1057778
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 37.4
 88 15.6 0.0 30.4





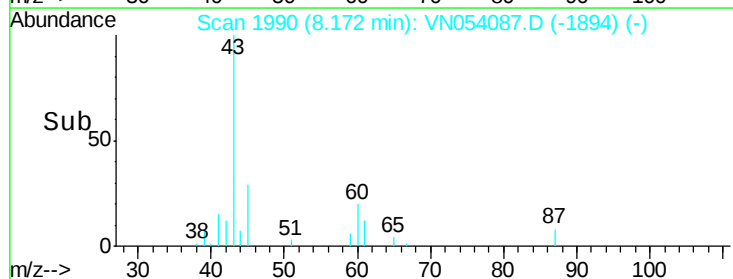
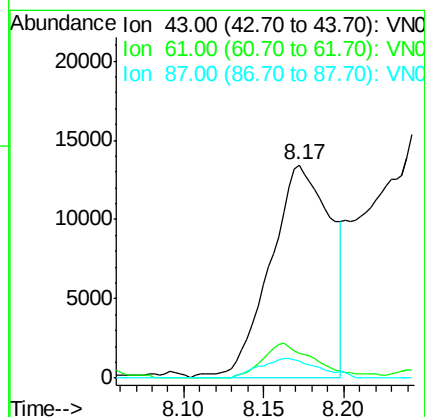
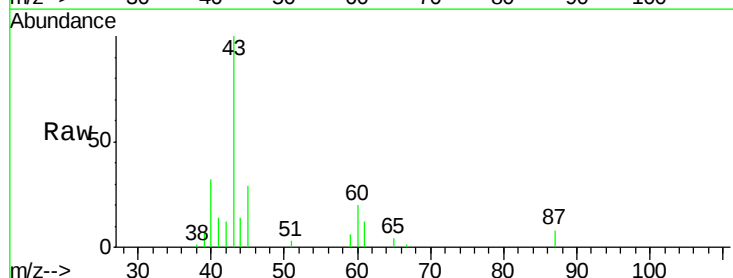
#35
 Dibromofluoromethane
 Concen: 50.262 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054087.D
 Acq: 5 Mar 2019 00:55

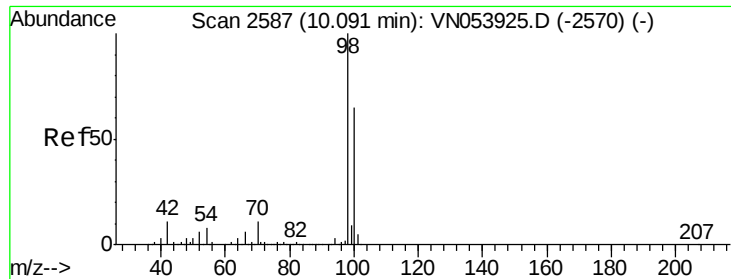
Tot Ion:113 Resp: 343799
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.1 121.7
 192 21.4 18.8 28.2



#43
 Isopropyl Acetate
 Concen: 2.990 ug/l
 RT: 8.17 min Scan# 1990
 Delta R.T. 0.01 min
 Lab File: VN054087.D
 Acq: 5 Mar 2019 00:55

Tgt Ion: 43 Resp: 35461
 Ion Ratio Lower Upper
 43 100
 61 13.7 17.4 26.0#
 87 8.7 11.5 17.3#





#50

Toluene-d8

Concen: 53.087 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054087.D

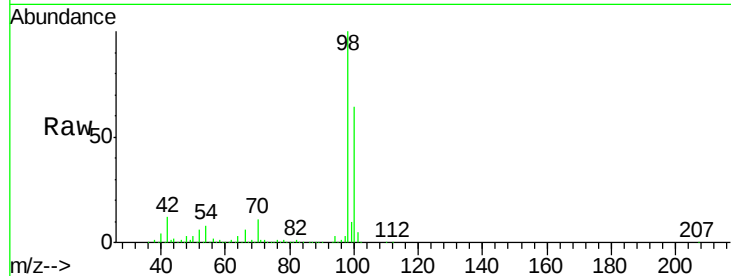
Acq: 5 Mar 2019 00:55

Tot Ion: 98 Resp: 1351752

Ion Ratio Lower Upper

98 100

100 63.4 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

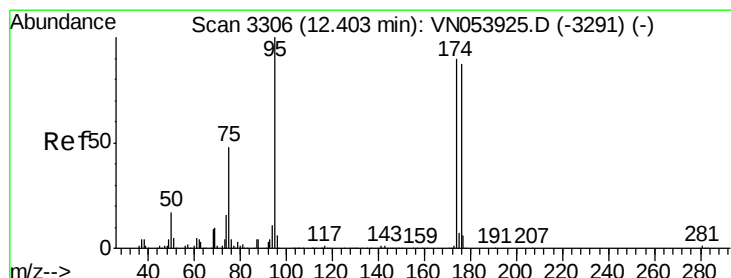
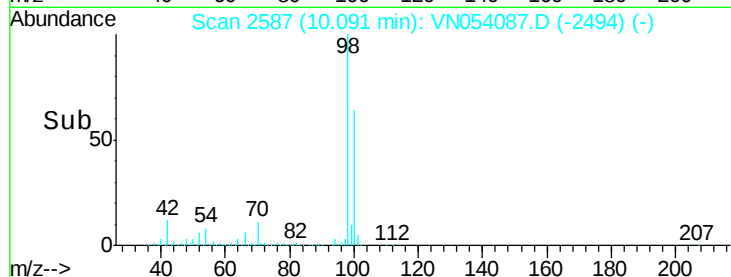
400000

200000

0

Time-->

10.00 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 53.312 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054087.D

Acq: 5 Mar 2019 00:55

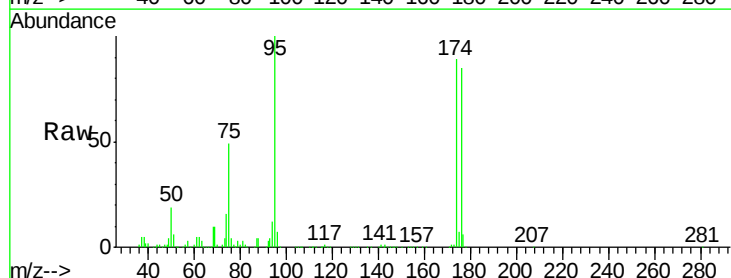
Tgt Ion: 95 Resp: 452278

Ion Ratio Lower Upper

95 100

174 88.0 0.0 188.8

176 83.8 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

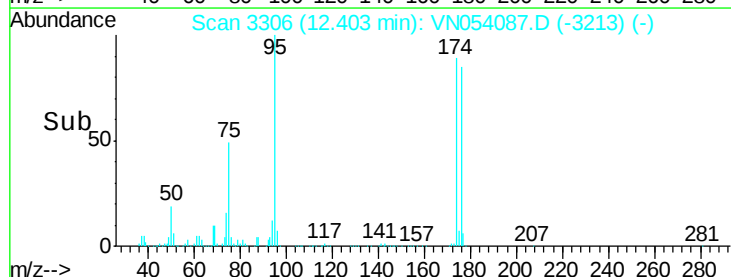
200000

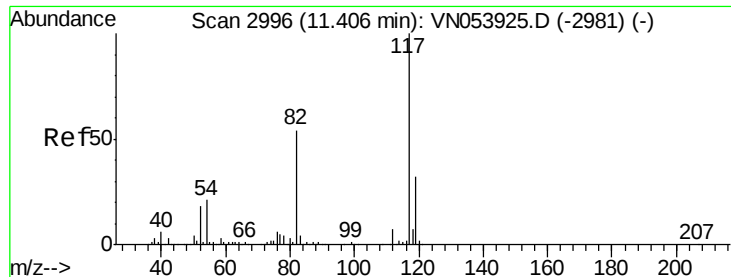
100000

0

Time-->

12.35 12.40 12.45 12.50

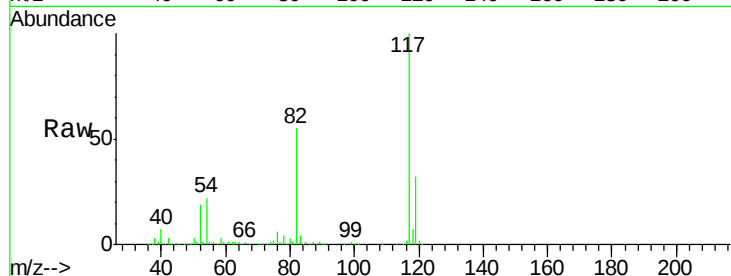




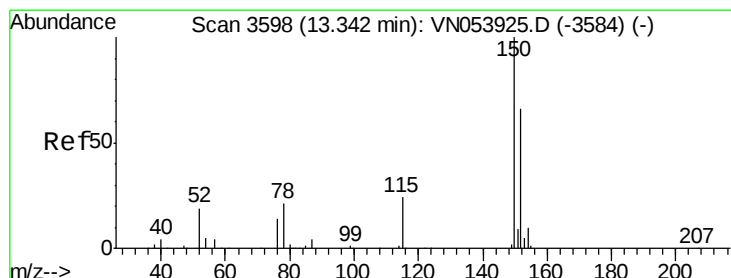
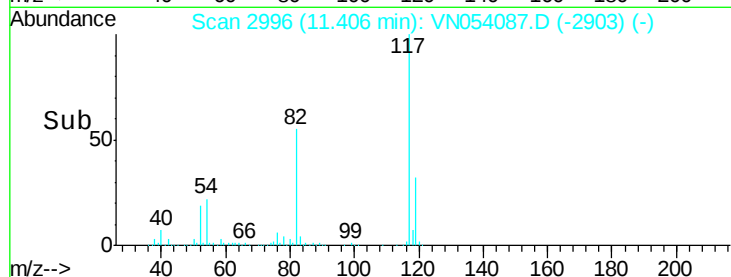
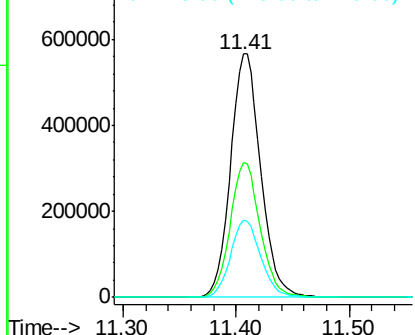
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054087.D
Acq: 5 Mar 2019 00:55

Tot Ion:117 Resp: 1048246

Ion	Ratio	Lower	Upper
117	100		
82	55.3	41.4	62.2
119	31.6	25.3	37.9



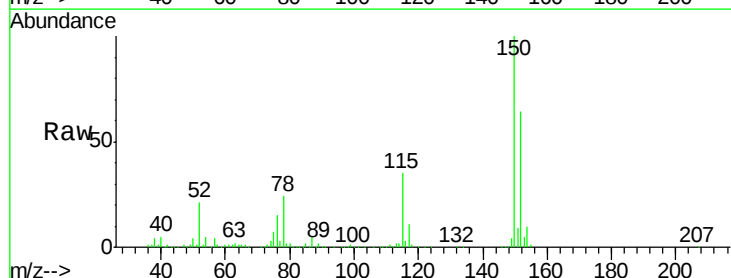
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054087.D
Acq: 5 Mar 2019 00:55

Tgt Ion:152 Resp: 395366

Ion	Ratio	Lower	Upper
152	100		
115	56.1	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

