

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054070.D
 Acq On : 4 Mar 2019 17:20
 Operator : JC/SP
 Sample : K1688-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

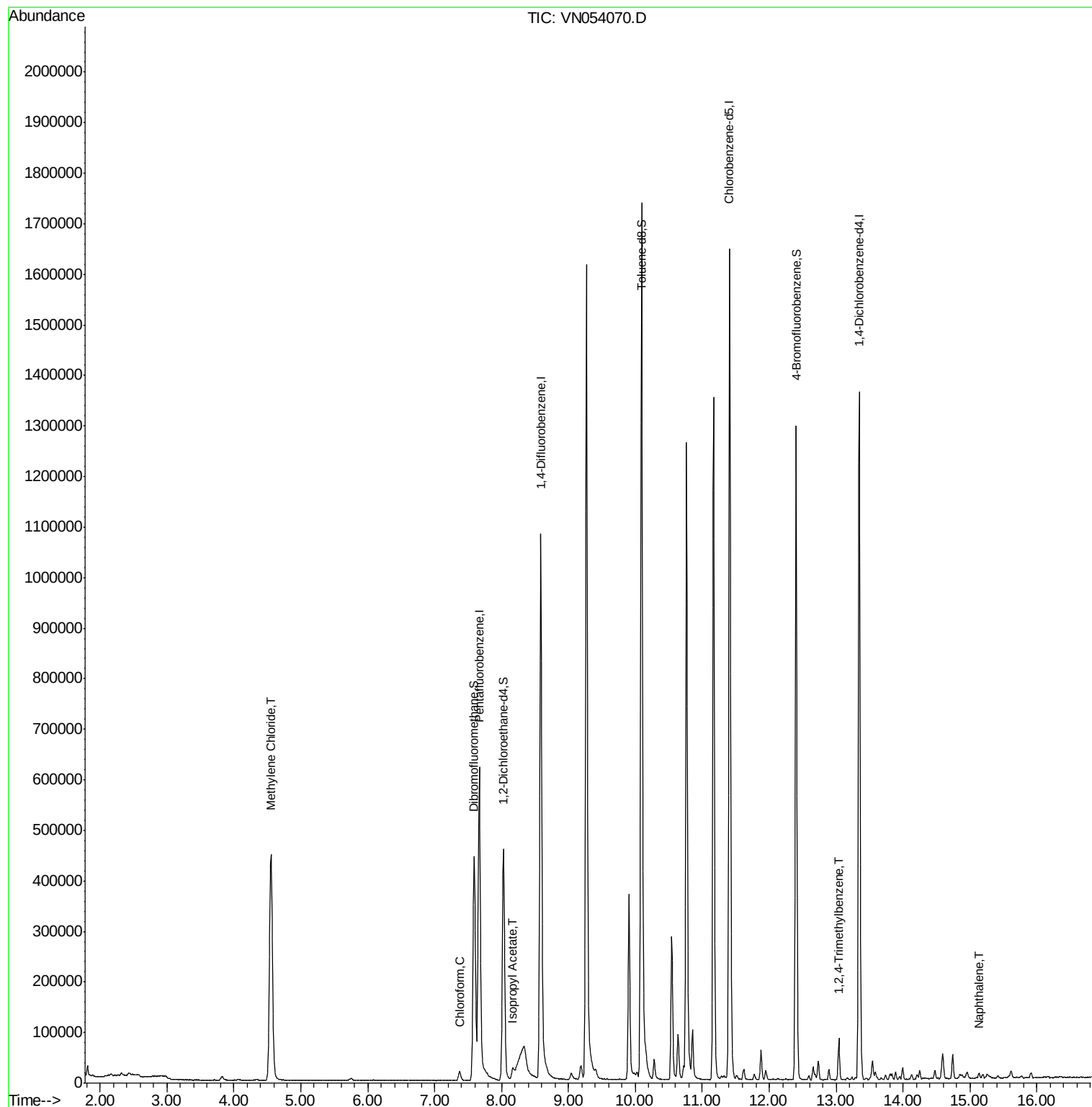
Quant Time: Mar 05 00:20:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

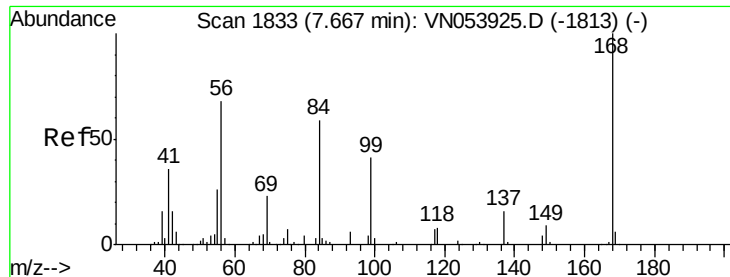
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	553367	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1054649	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1045841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	377103	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	382029	58.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.78%	
35) Dibromofluoromethane	7.59	113	339906	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
50) Toluene-d8	10.09	98	1349772	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
62) 4-Bromofluorobenzene	12.40	95	445103	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
Target Compounds						
20) Methylene Chloride	4.55	84	336650	52.437	ug/l	91
30) Chloroform	7.37	83	18939	1.723	ug/l	96
43) Isopropyl Acetate	8.17	43	32581	2.755	ug/l #	89
84) 1,2,4-Trimethylbenzene	13.04	105	46019	1.918	ug/l	98
95) Naphthalene	15.14	128	8269	3.730	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 28 04:05:45 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN054070.D

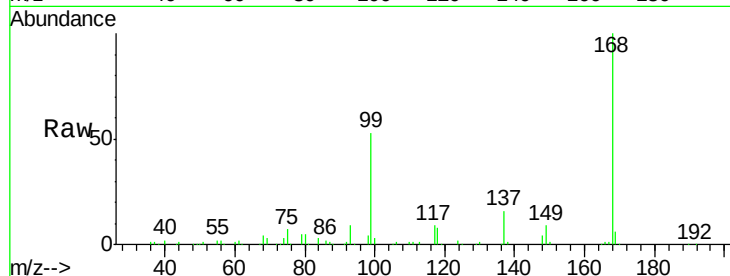
Acq: 4 Mar 2019 17:20

Tot Ion:168 Resp: 553367

Ion Ratio Lower Upper

168 100

99 52.7 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

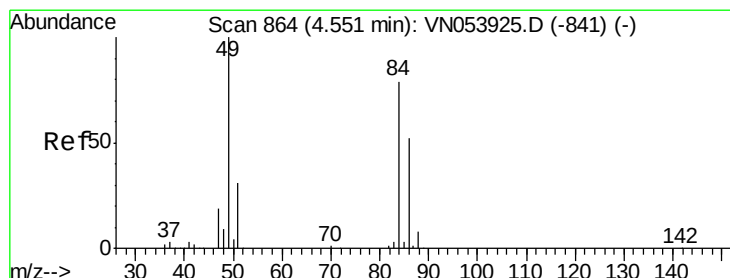
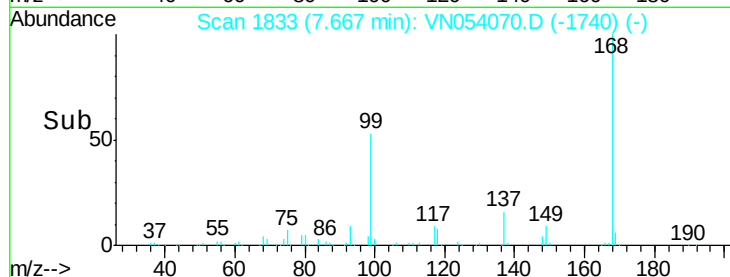
100000

50000

0

7.60 7.70 7.80

Time-->



#20

Methylene Chloride

Concen: 52.437 ug/l

RT: 4.55 min Scan# 864

Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

Tgt Ion: 84 Resp: 336650

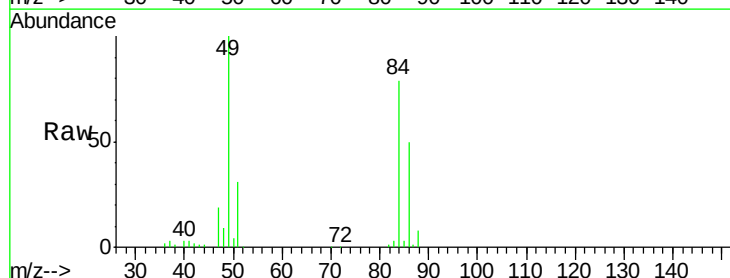
Ion Ratio Lower Upper

84 100

49 126.6 89.7 134.5

51 39.1 27.8 41.8

86 63.0 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

200000

150000

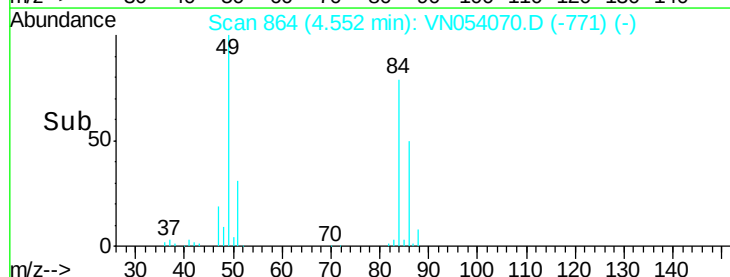
100000

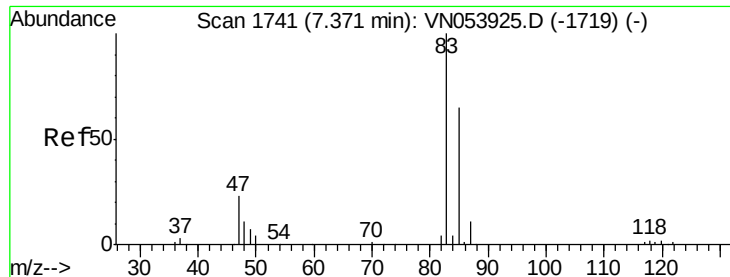
50000

0

4.40 4.50 4.60 4.70

Time-->





#30

Chloroform

Concen: 1.723 ug/l

RT: 7.37 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VN054070.D

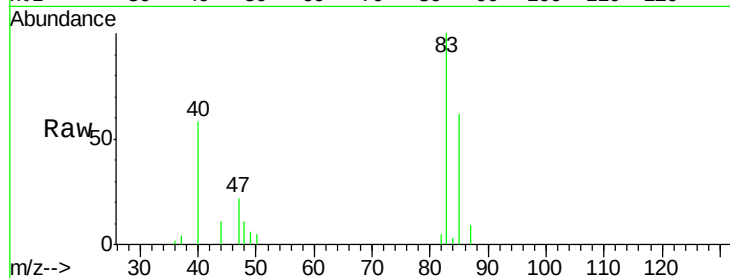
Acq: 4 Mar 2019 17:20

Tot Ion: 83 Resp: 18939

Ion Ratio Lower Upper

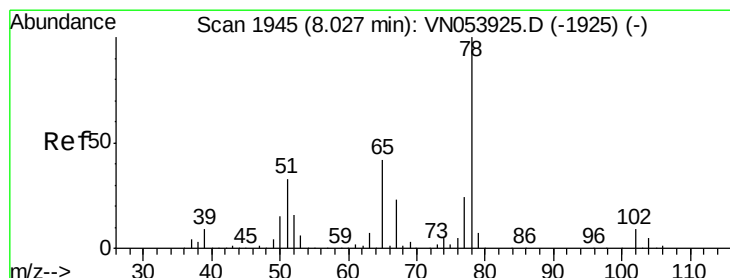
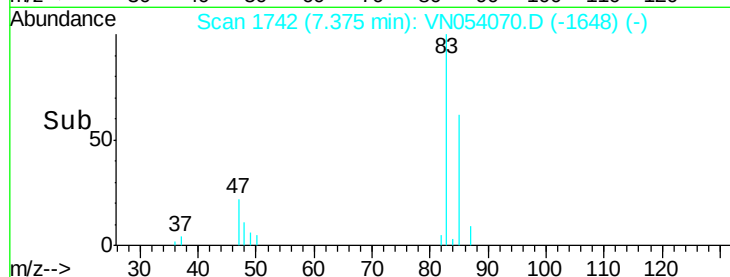
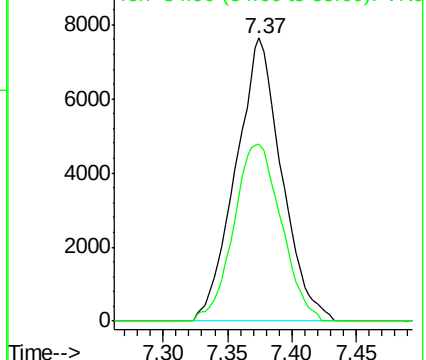
83 100

85 62.5 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 58.894 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054070.D

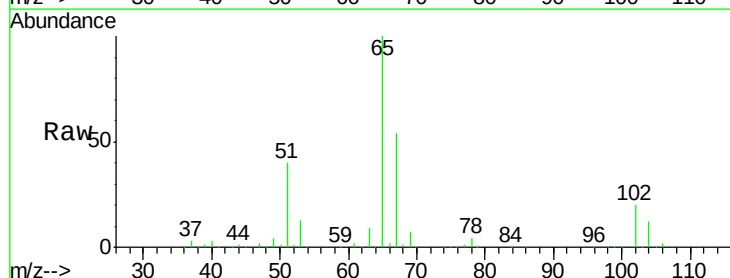
Acq: 4 Mar 2019 17:20

Tgt Ion: 65 Resp: 382029

Ion Ratio Lower Upper

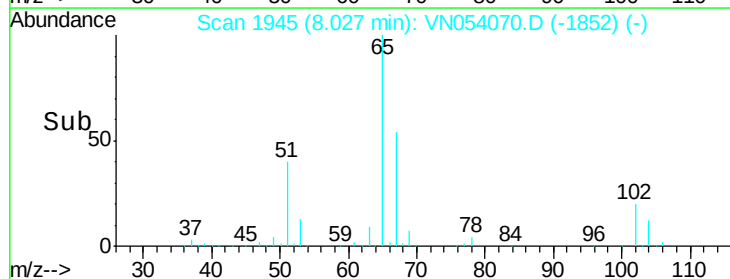
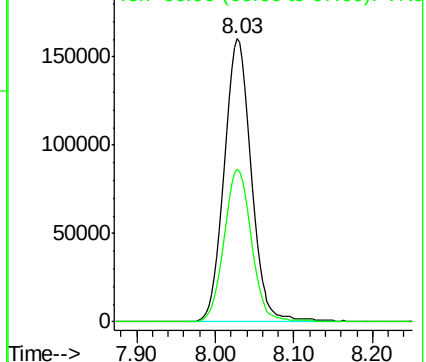
65 100

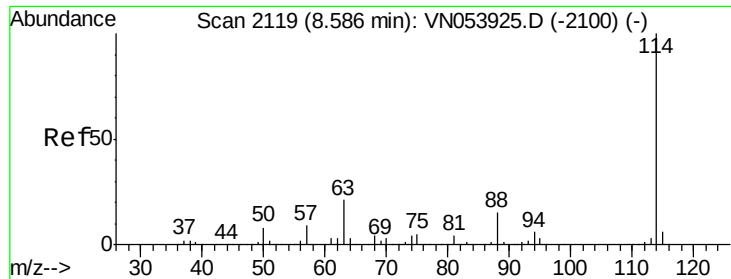
67 54.4 0.0 111.8



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

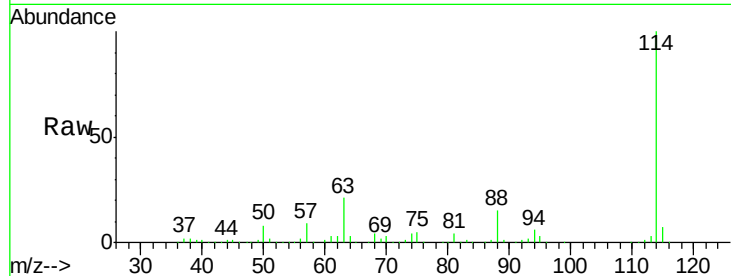




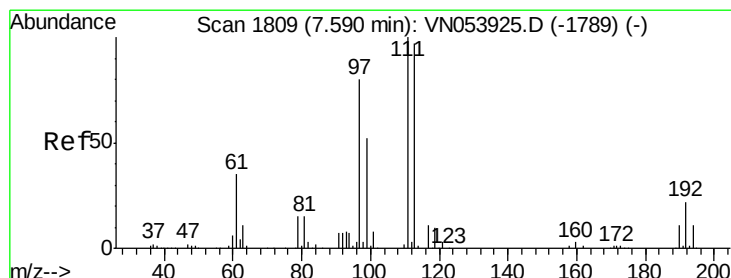
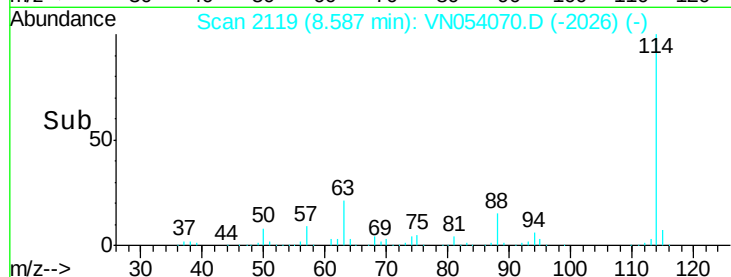
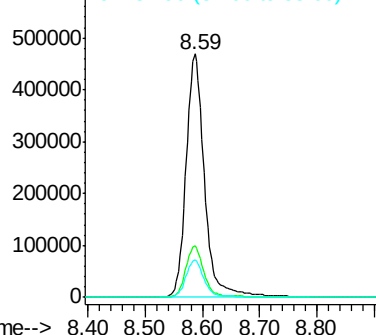
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

Tot Ion:114 Resp: 1054649

Ion	Ratio	Lower	Upper
114	100		
63	21.2	0.0	37.4
88	15.3	0.0	30.4



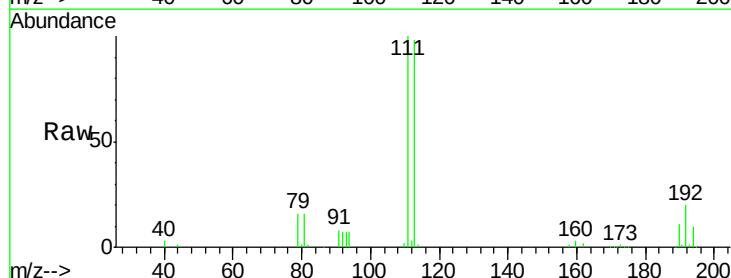
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



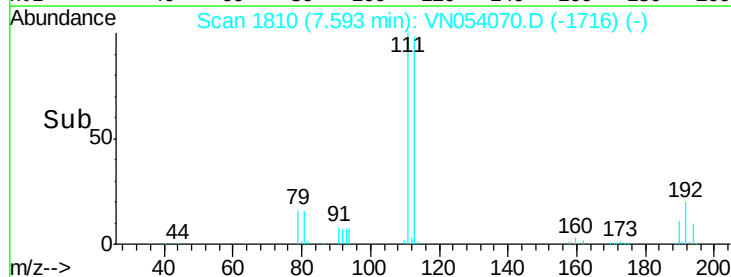
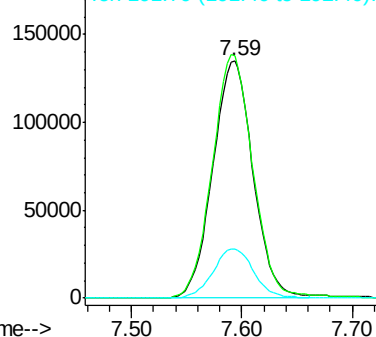
#35
 Dibromofluoromethane
 Concen: 49.840 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054070.D
 Acq: 4 Mar 2019 17:20

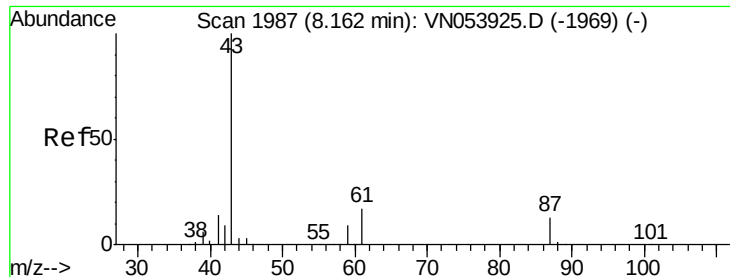
Tgt Ion:113 Resp: 339906

Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.1	121.7
192	21.1	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: 2.755 ug/l

RT: 8.17 min Scan# 1988

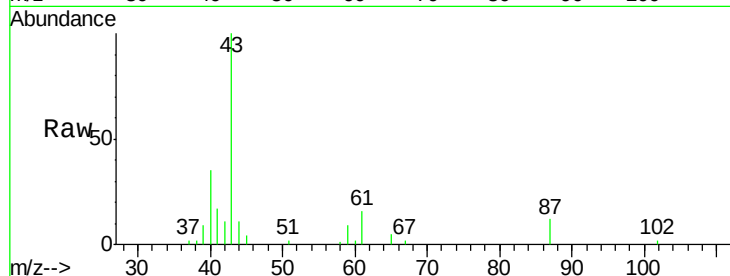
Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

Tot Ion: 43 Resp: 32581

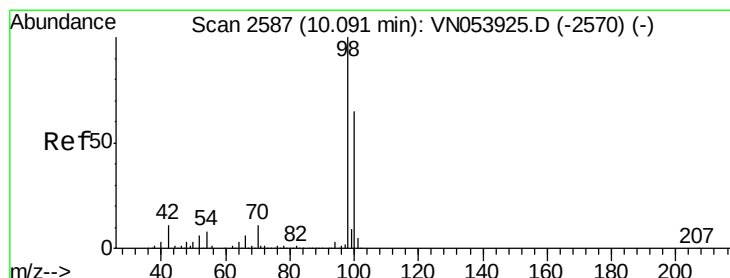
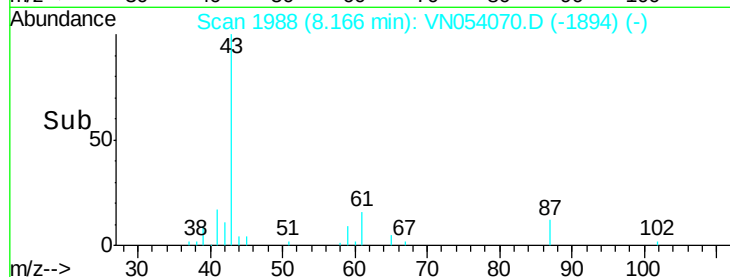
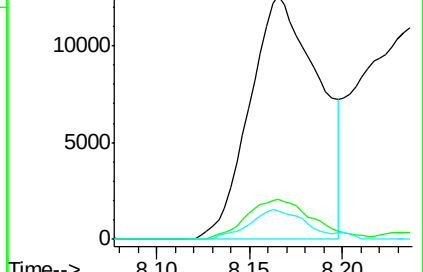
Ion	Ratio	Lower	Upper
43	100		
61	15.8	17.4	26.0#
87	10.6	11.5	17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053925.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053925.D (-1969) (-)



#50

Toluene-d8

Concen: 53.166 ug/l

RT: 10.09 min Scan# 2587

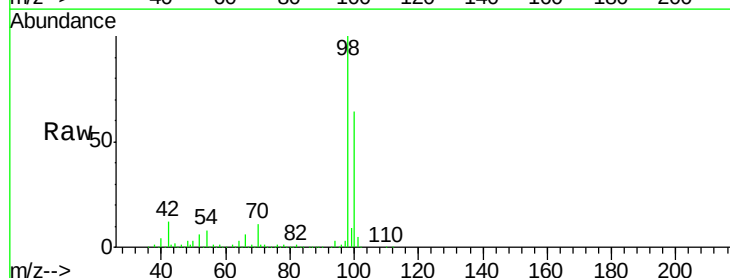
Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

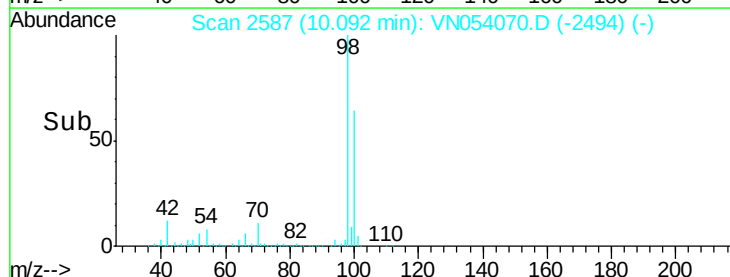
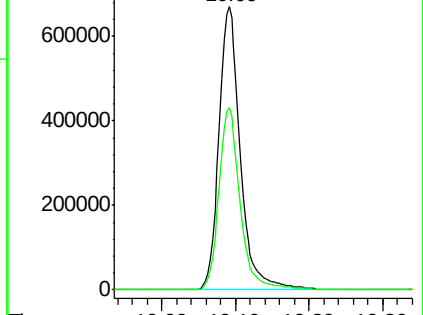
Tgt Ion: 98 Resp: 1349772

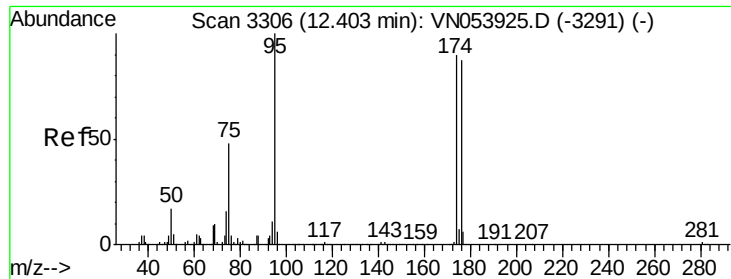
Ion	Ratio	Lower	Upper
98	100		
100	63.9	51.9	77.9



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

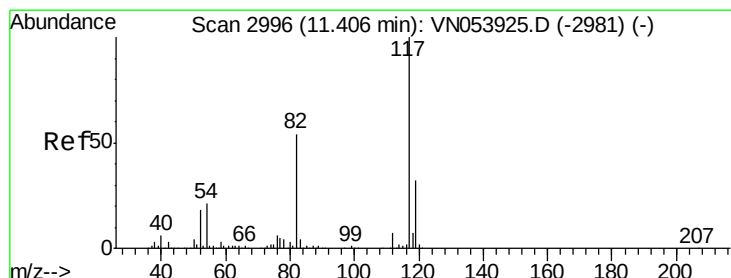
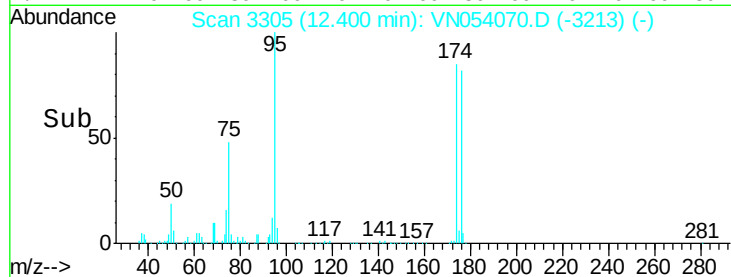
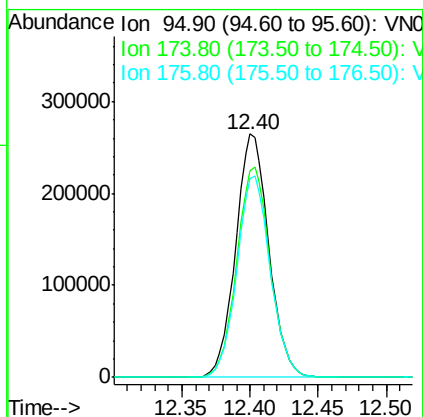
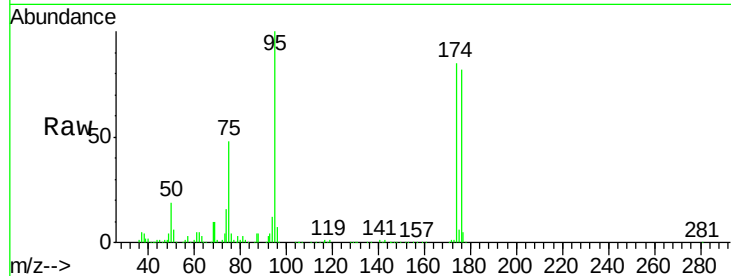
Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)





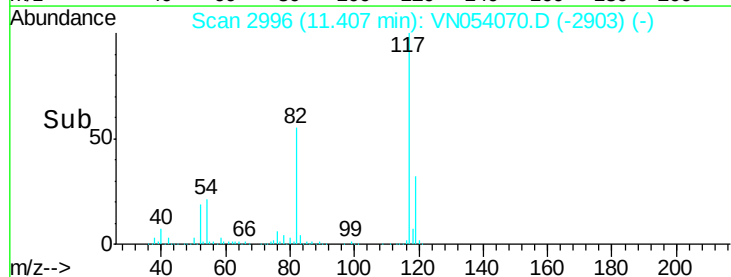
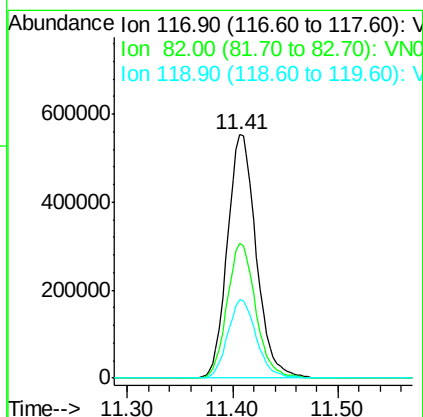
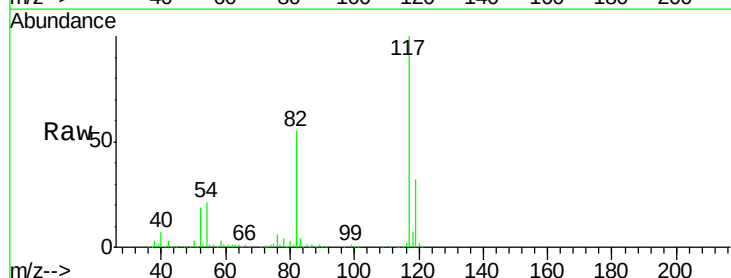
#62
4-Bromofluorobenzene
Concen: 52.622 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

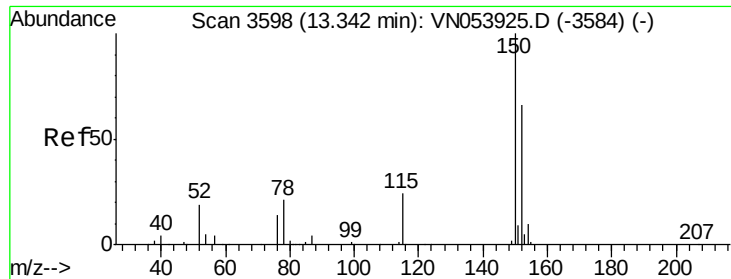
Tot Ion: 95 Resp: 445103
Ion Ratio Lower Upper
95 100
174 87.4 0.0 188.8
176 83.4 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion: 117 Resp: 1045841
Ion Ratio Lower Upper
117 100
82 55.3 41.4 62.2
119 32.1 25.3 37.9

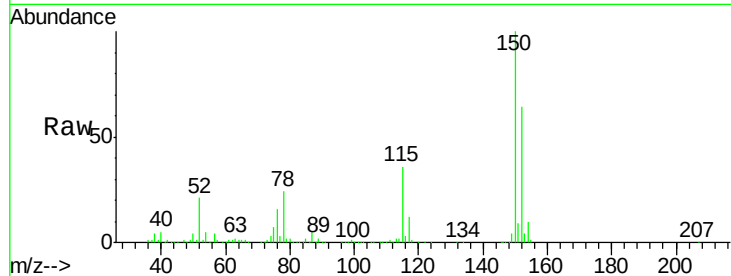




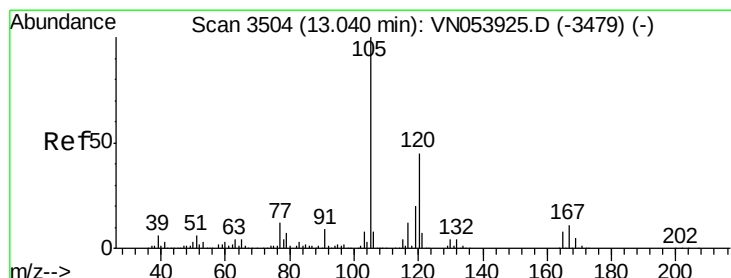
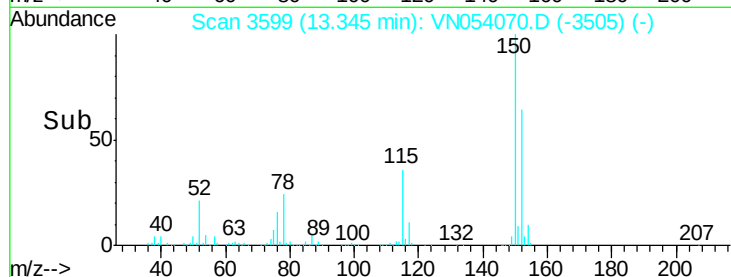
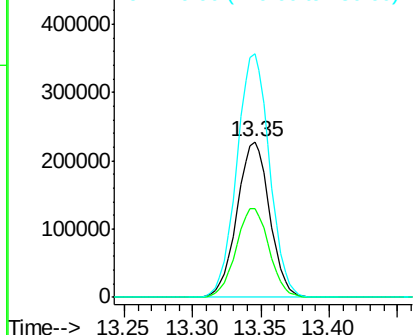
#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.2	81.6
150	157.4	0.0	348.2



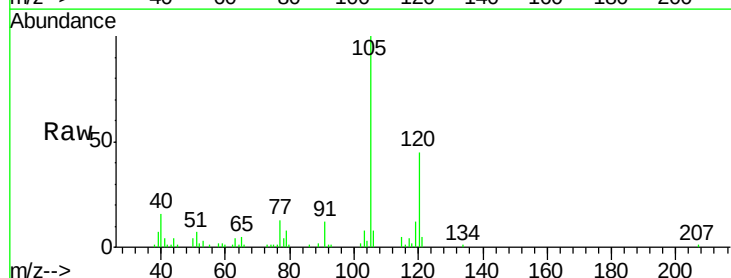
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



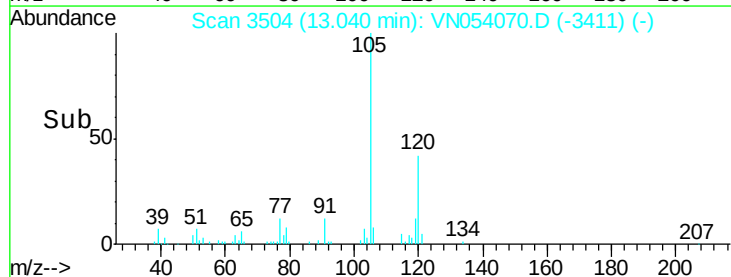
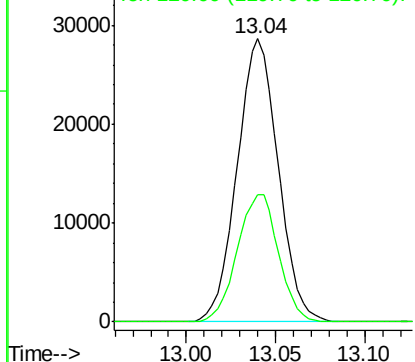
#84

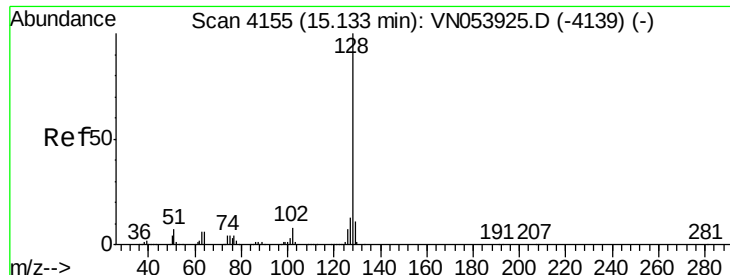
1,2,4-Trimethylbenzene
Concen: 1.918 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. 0.00 min
Lab File: VN054070.D
Acq: 4 Mar 2019 17:20

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.0	23.2	69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 3.730 ug/l

RT: 15.14 min Scan# 4156

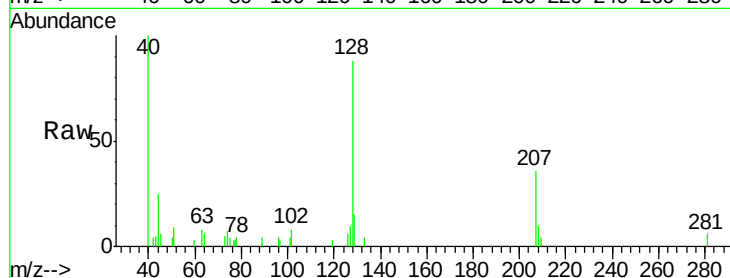
Delta R.T. 0.00 min

Lab File: VN054070.D

Acq: 4 Mar 2019 17:20

Tot Ion:128 Resp: 8269

Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.2	15.2
129	12.1	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

