

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN030419\
 Data File : VN054088.D
 Acq On : 5 Mar 2019 1:22
 Operator : JC/SP
 Sample : K1712-22
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 33 Sample Multiplier: 1

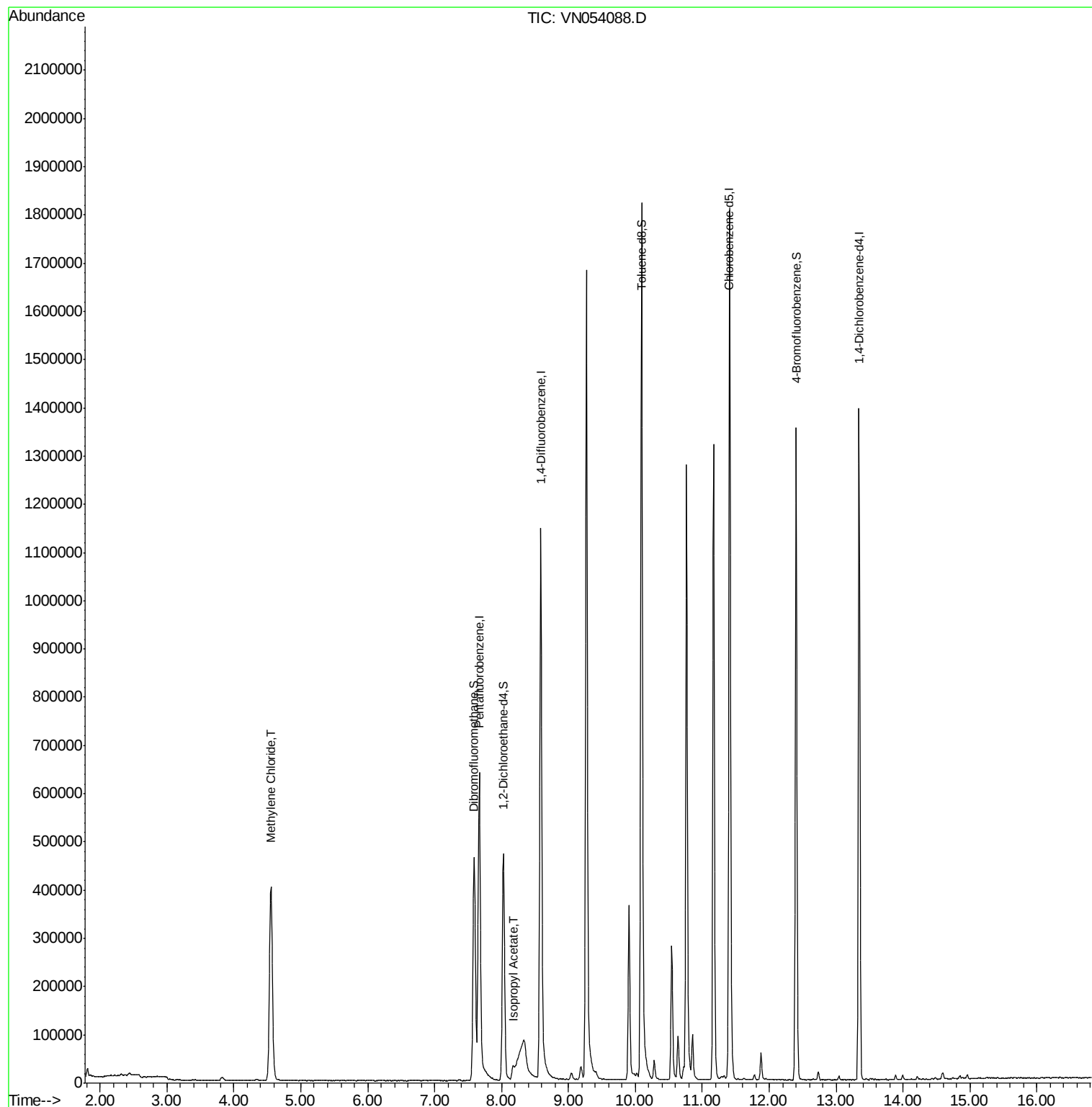
Quant Time: Mar 05 03:44:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 28 04:05:45 2019
 Response via : Initial Calibration

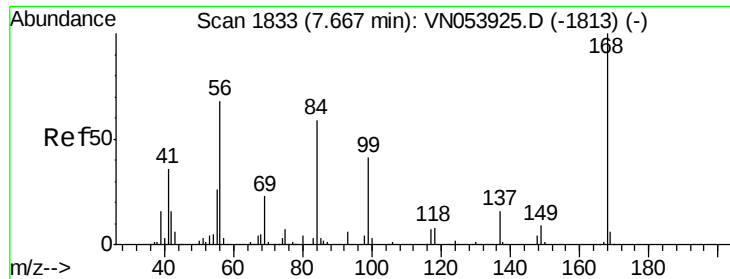
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	602655	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1121722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1096981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	394888	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	406885	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
35) Dibromofluoromethane	7.59	113	362726	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	10.09	98	1419362	52.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.40	95	470037	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.50%	
Target Compounds						
20) Methylene Chloride	4.55	84	300299	42.950	ug/l	Qvalue 89
43) Isopropyl Acetate	8.17	43	35919	2.856	ug/l #	88

(#) = 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: VN054088.D

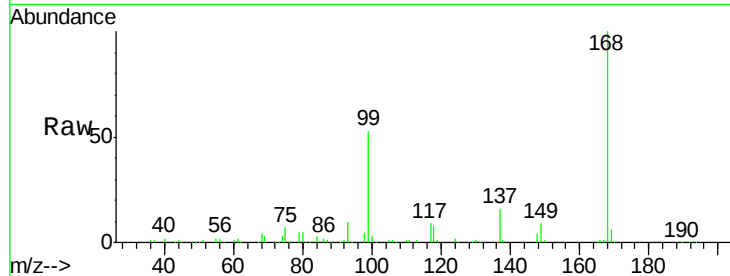
Acq: 5 Mar 2019 1:22

Tot Ion:168 Resp: 602655

Ion Ratio Lower Upper

168 100

99 53.1 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053925.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053925.D (-1813) (-)

7.67

250000

200000

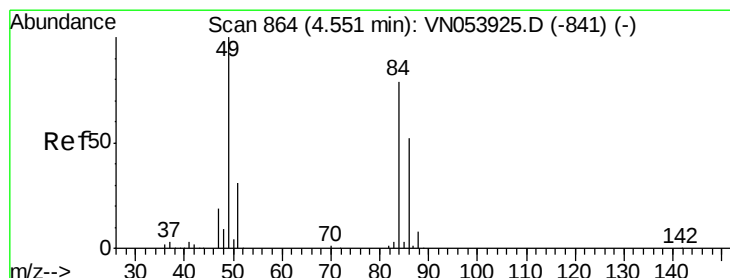
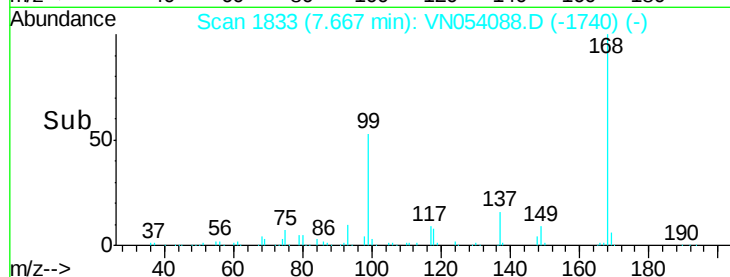
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 42.950 ug/l

RT: 4.55 min Scan# 865

Delta R.T. 0.00 min

Lab File: VN054088.D

Acq: 5 Mar 2019 1:22

Tgt Ion: 84 Resp: 300299

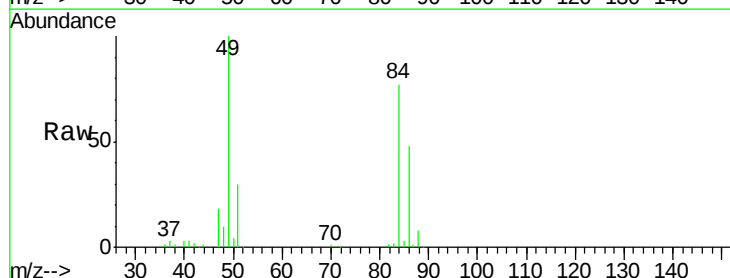
Ion Ratio Lower Upper

84 100

49 130.2 89.7 134.5

51 39.0 27.8 41.8

86 62.4 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VN053925.D (-841) (-)

Ion 48.90 (48.60 to 49.60): VN053925.D (-841) (-)

Ion 50.90 (50.60 to 51.60): VN053925.D (-841) (-)

Ion 85.90 (85.60 to 86.60): VN053925.D (-841) (-)

200000

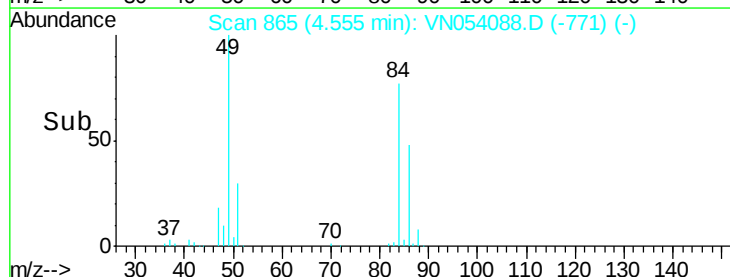
150000

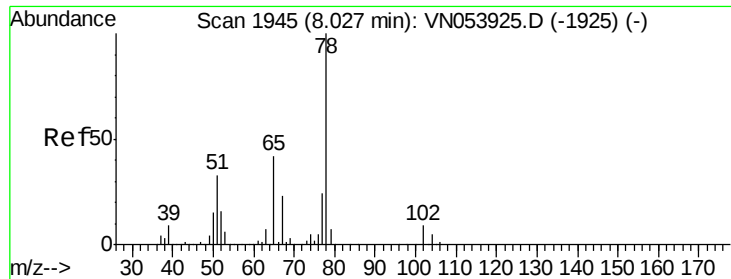
100000

50000

0

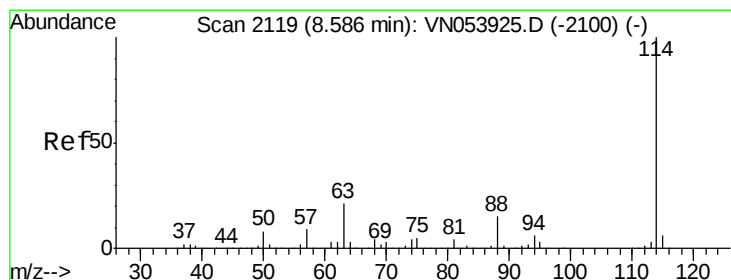
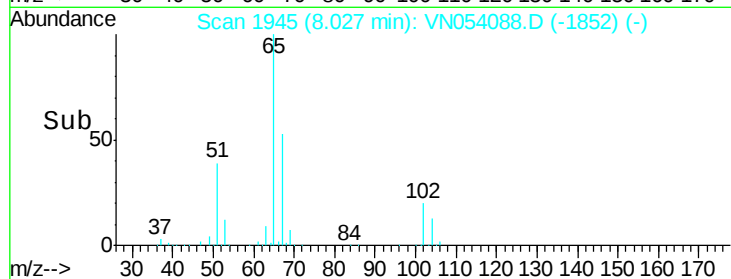
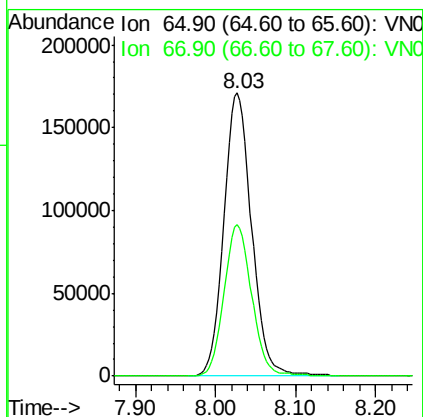
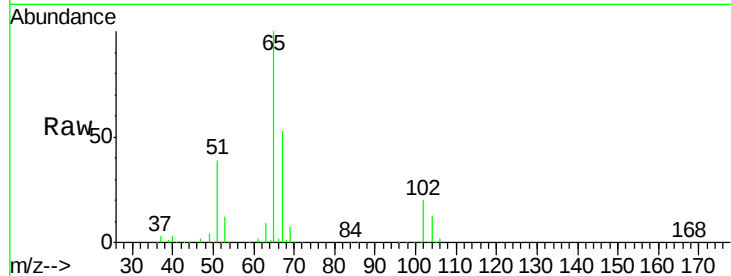
Time--> 4.40 4.50 4.60 4.70





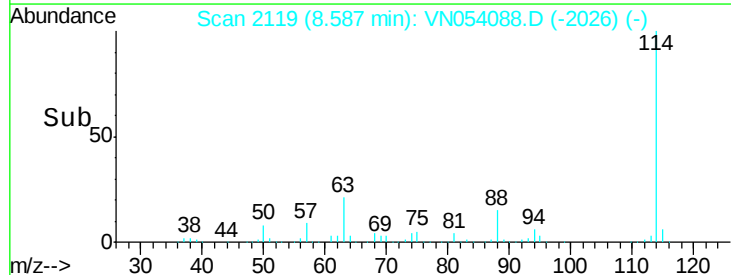
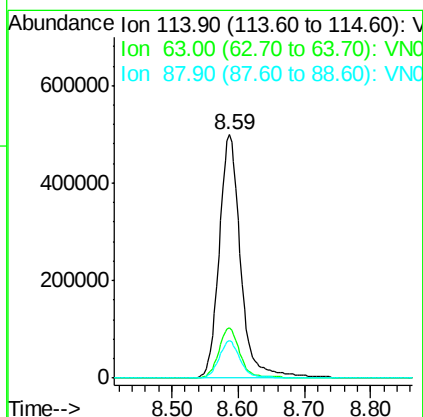
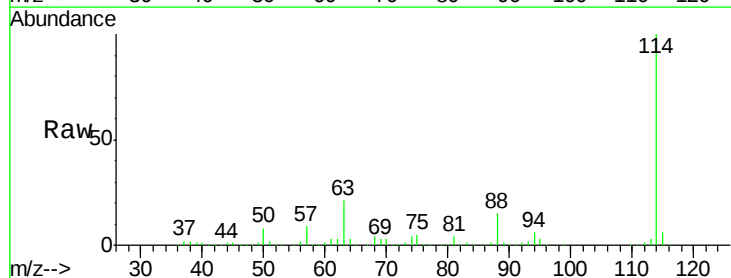
#33
 1,2-Dichloroethane-d4
 Concen: 57.596 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN054088.D
 Acq: 5 Mar 2019 1:22

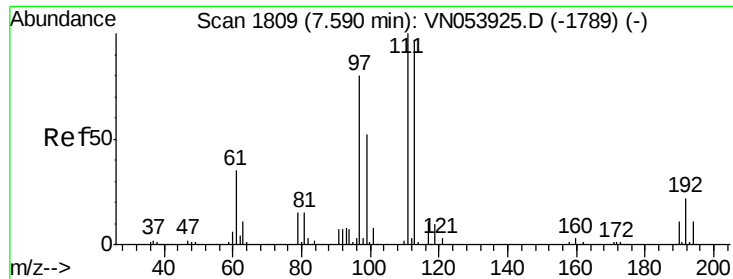
Tot Ion: 65 Resp: 406885
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054088.D
 Acq: 5 Mar 2019 1:22

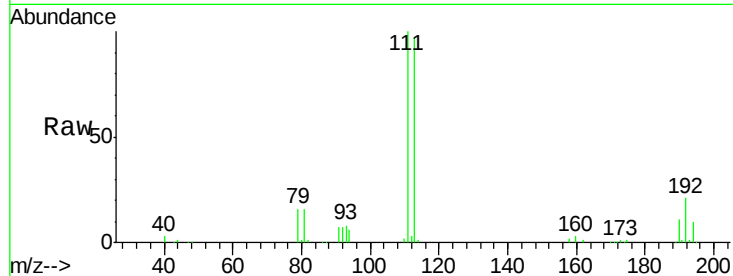
Tgt Ion: 114 Resp: 1121722
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 37.4
 88 15.4 0.0 30.4



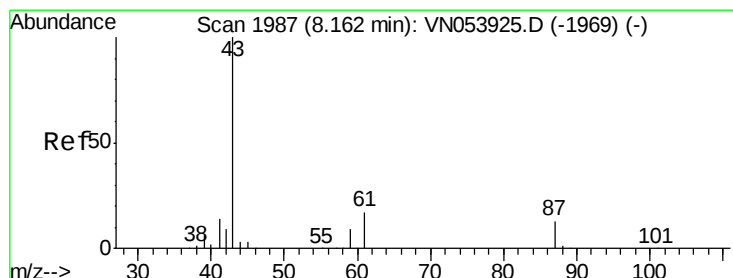
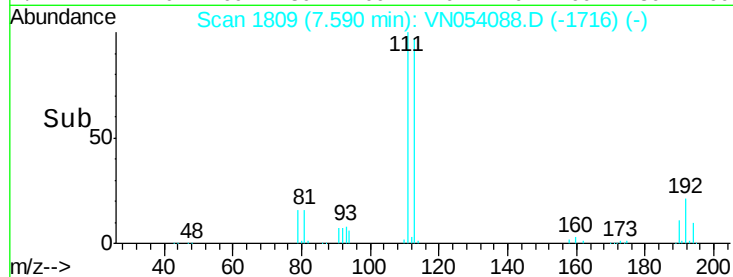
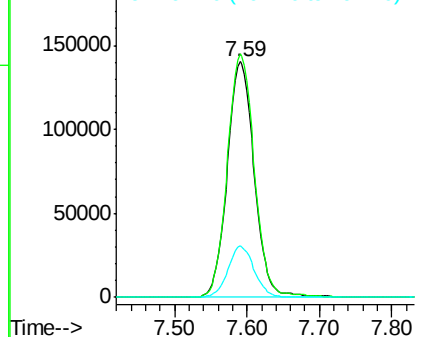


#35
 Dibromofluoromethane
 Concen: 50.006 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054088.D
 Acq: 5 Mar 2019 1:22

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.1	121.7
192	21.1	18.8	28.2

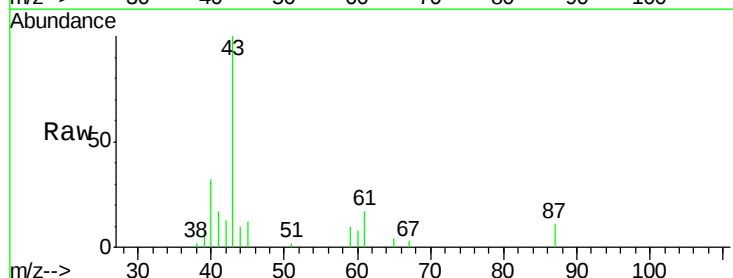


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

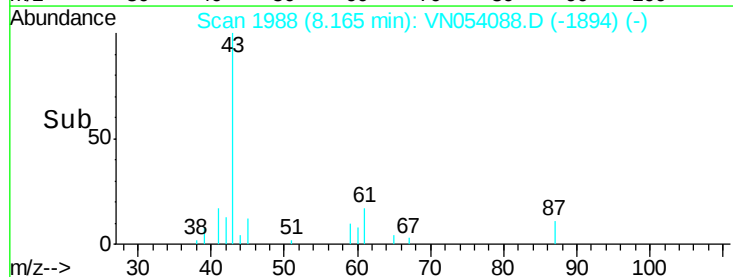
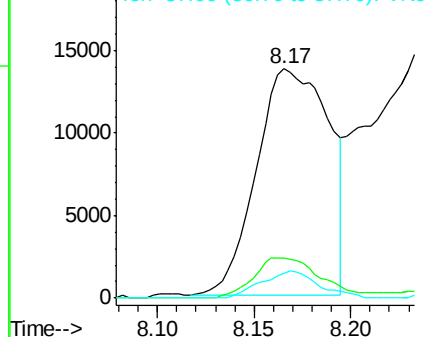


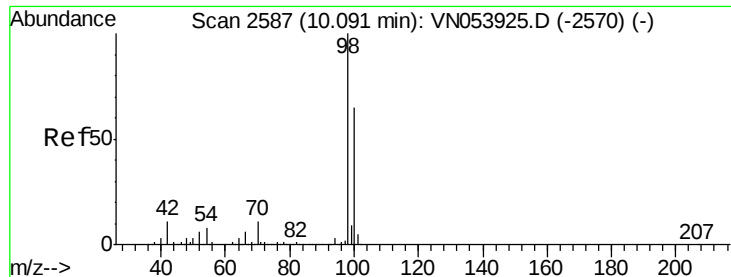
#43
 Isopropyl Acetate
 Concen: 2.856 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN054088.D
 Acq: 5 Mar 2019 1:22

Tgt Ion	Ratio	Lower	Upper
43	100		
61	16.1	17.4	26.0#
87	9.4	11.5	17.3#



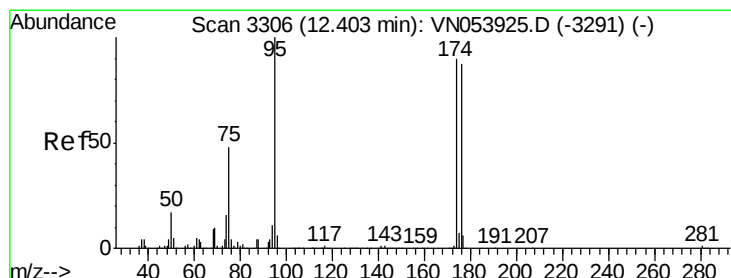
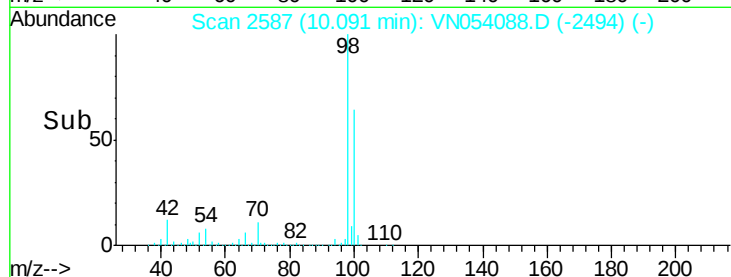
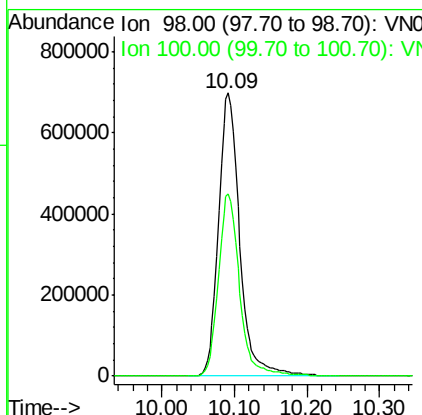
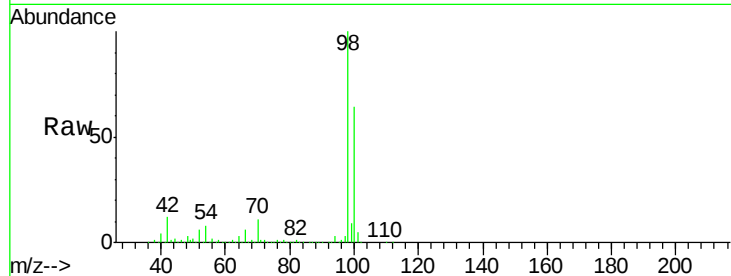
Abundance Ion 43.00 (42.70 to 43.70): VNO
 Ion 61.00 (60.70 to 61.70): VNO
 Ion 87.00 (86.70 to 87.70): VNO





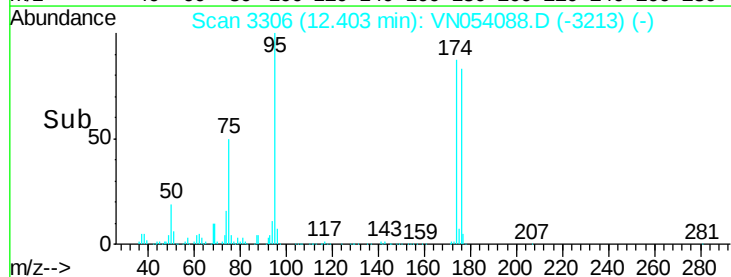
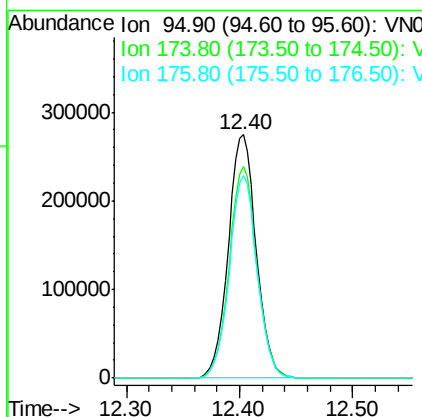
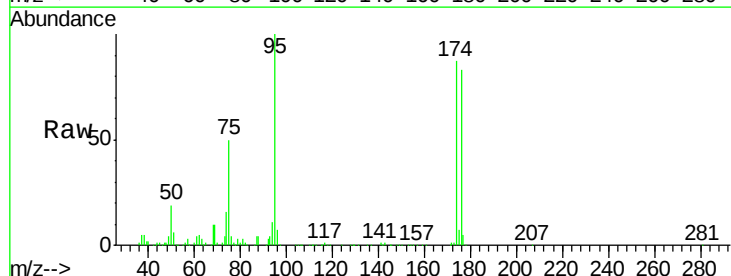
#50
Toluene-d8
Concen: 52.564 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN054088.D
Acq: 5 Mar 2019 1:22

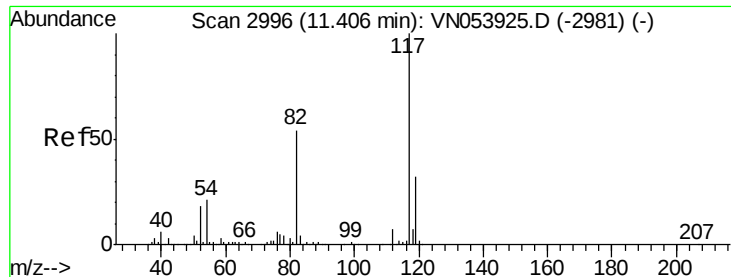
Tot Ion: 98 Resp: 1419362
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN054088.D
Acq: 5 Mar 2019 1:22

Tgt Ion: 95 Resp: 470037
Ion Ratio Lower Upper
95 100
174 86.2 0.0 188.8
176 82.8 0.0 182.6

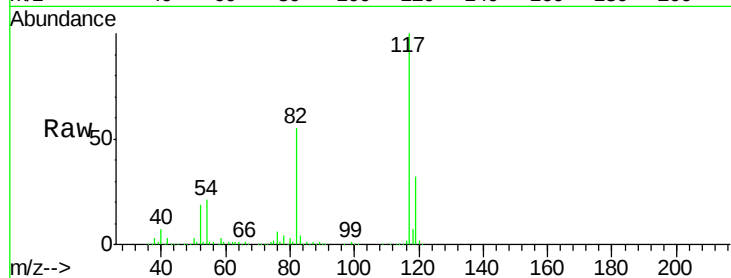




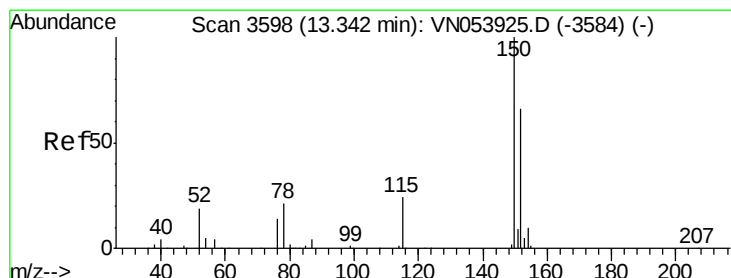
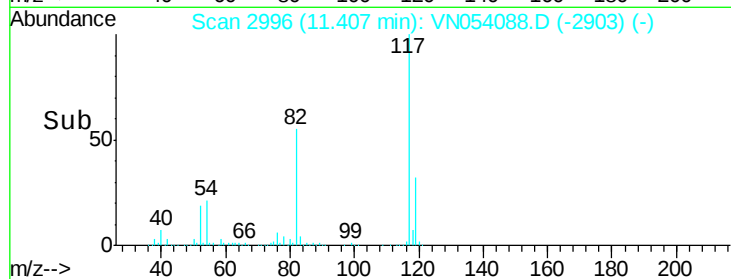
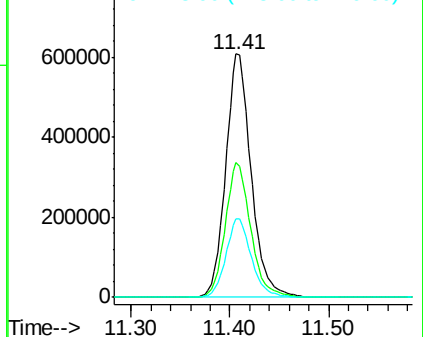
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN054088.D
 Acq: 5 Mar 2019 1:22

Tot Ion:117 Resp: 1096981

Ion	Ratio	Lower	Upper
117	100		
82	55.5	41.4	62.2
119	32.5	25.3	37.9



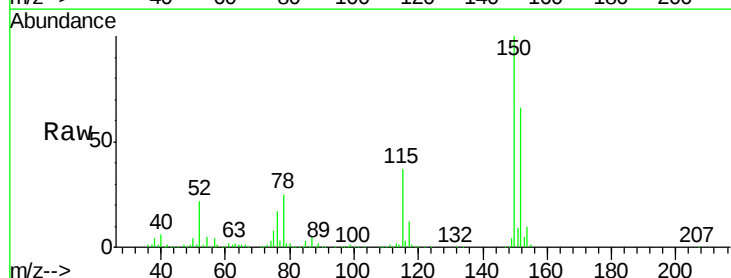
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN054088.D
 Acq: 5 Mar 2019 1:22

Tgt Ion:152 Resp: 394888

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.2	81.6
150	154.5	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

