

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053654.D
 Acq On : 7 Feb 2019 14:33
 Operator : JC/SP
 Sample : PB116887ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

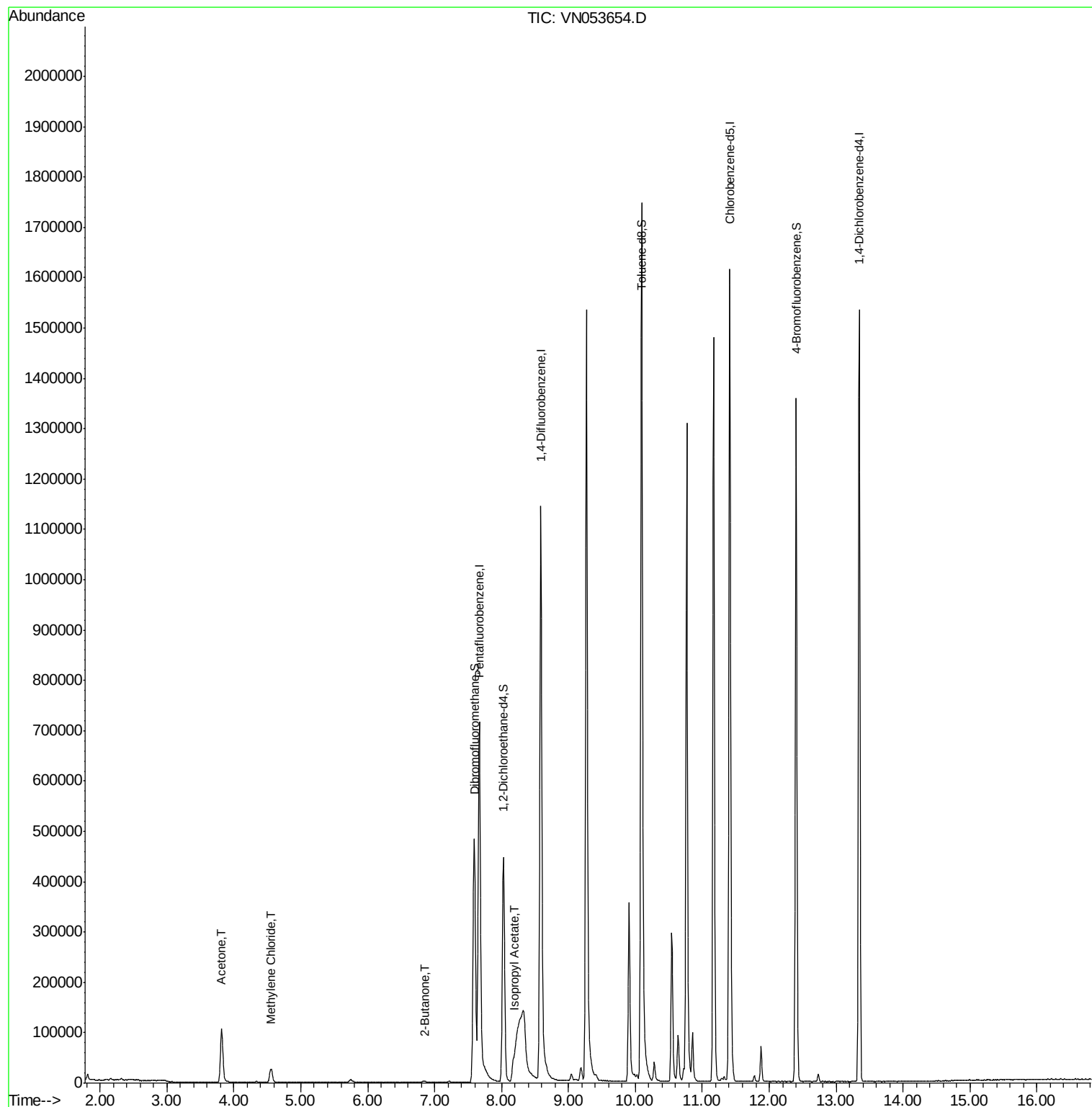
Quant Time: Feb 09 00:56:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

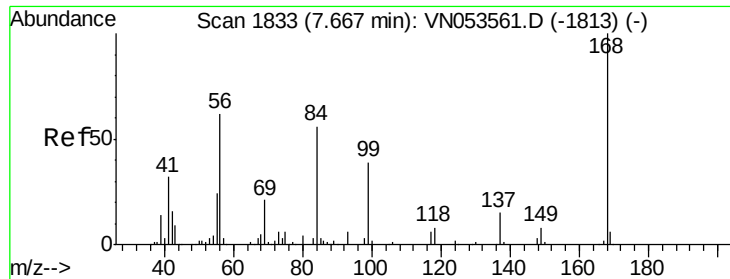
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	730448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1194948	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1089980	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	449348	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	386656	52.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.54%	
35) Dibromofluoromethane	7.59	113	379659	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
50) Toluene-d8	10.09	98	1446010	51.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.00%	
62) 4-Bromofluorobenzene	12.40	95	476478	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
Target Compounds						
16) Acetone	3.82	43	177792	94.590	ug/l	98
20) Methylene Chloride	4.55	84	21369	2.710	ug/l	99
25) 2-Butanone	6.84	43	4762m	1.776	ug/l	
43) Isopropyl Acetate	8.18	43	41286	3.554	ug/l #	51

(#) = 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: VN053654.D

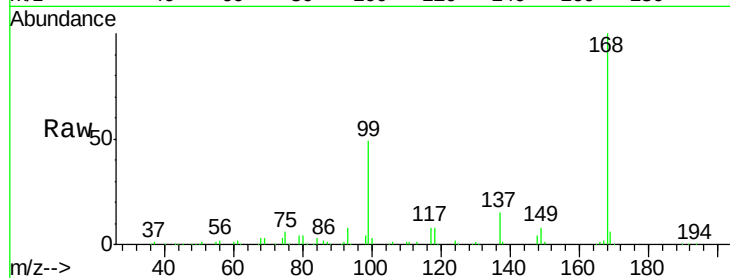
Acq: 7 Feb 2019 14:33

Tot Ion:168 Resp: 730448

Ion Ratio Lower Upper

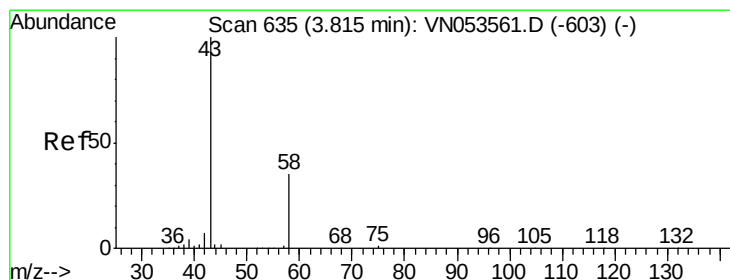
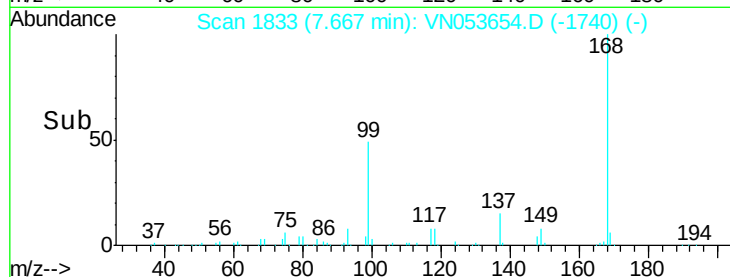
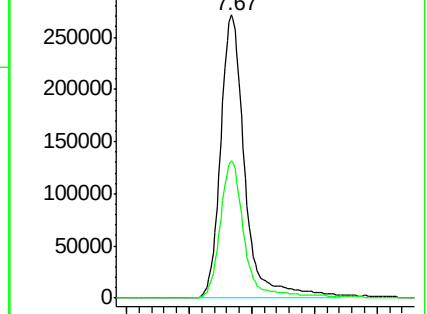
168 100

99 48.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 94.590 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053654.D

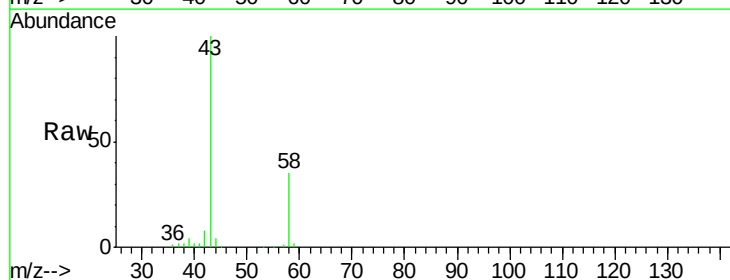
Acq: 7 Feb 2019 14:33

Tgt Ion: 43 Resp: 177792

Ion Ratio Lower Upper

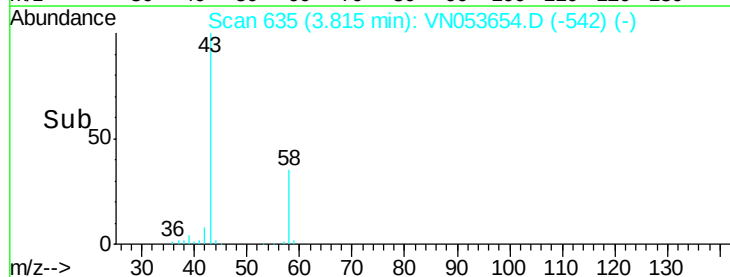
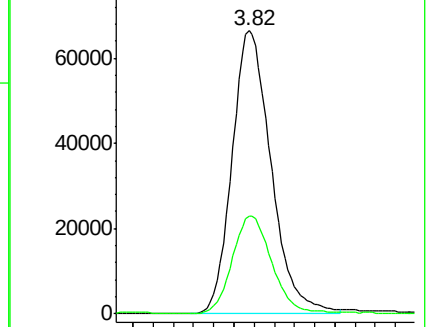
43 100

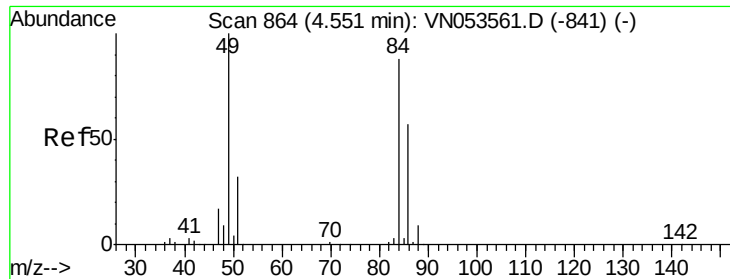
58 34.8 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

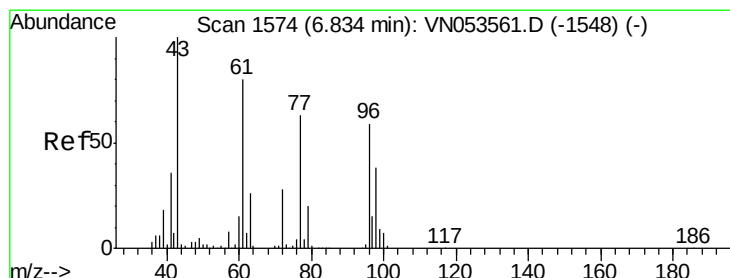
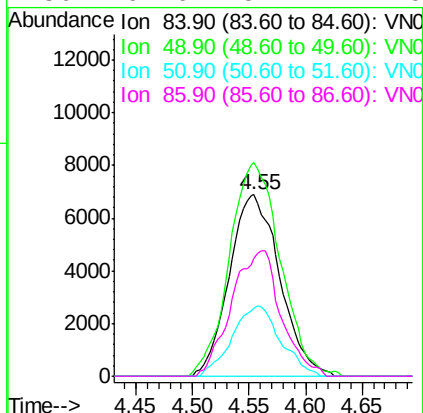
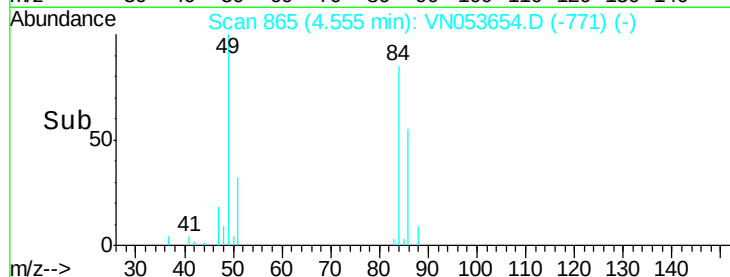
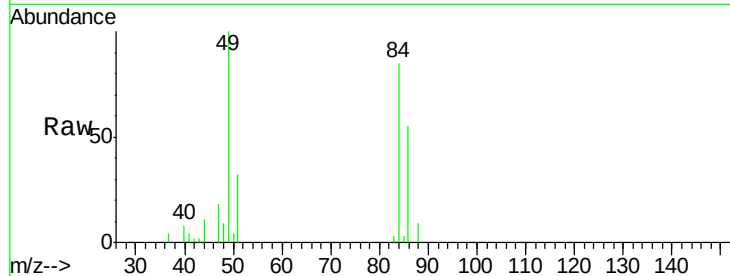




#20
Methvlene Chloride
Concen: 2.710 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053654.D
Acq: 7 Feb 2019 14:33

Tot Ion: 84 Resp: 21369

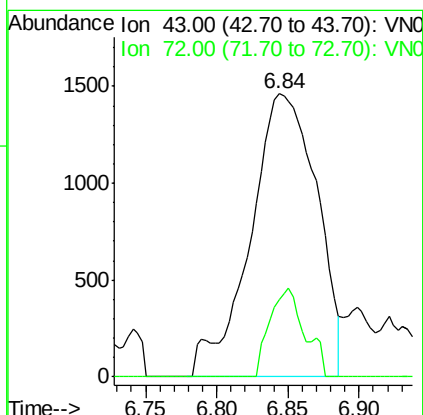
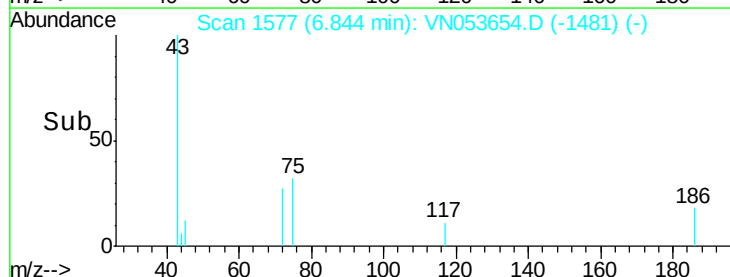
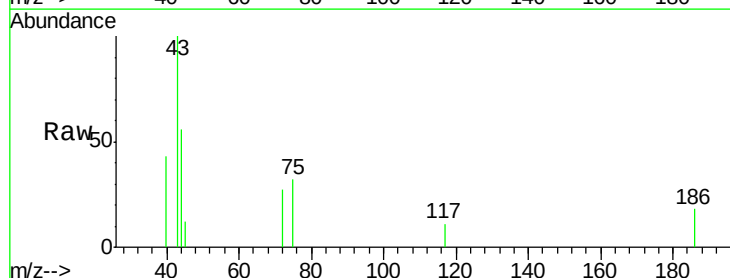
Ion	Ratio	Lower	Upper
84	100		
49	117.5	94.3	141.5
51	37.4	29.4	44.2
86	64.6	51.4	77.0

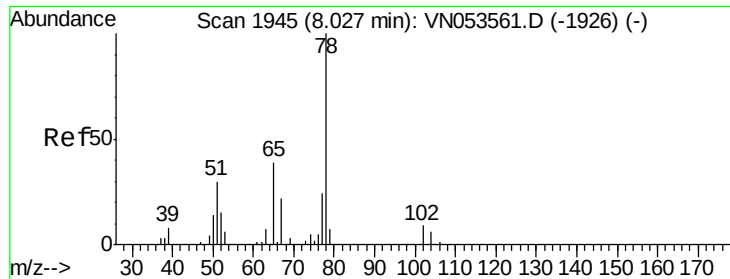


#25
2-Butanone
Concen: 1.776 ug/l m
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053654.D
Acq: 7 Feb 2019 14:33

Tgt Ion: 43 Resp: 4762

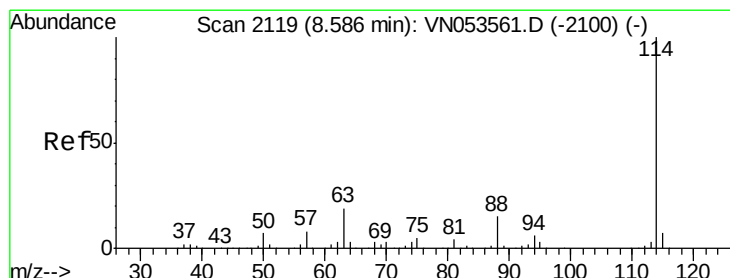
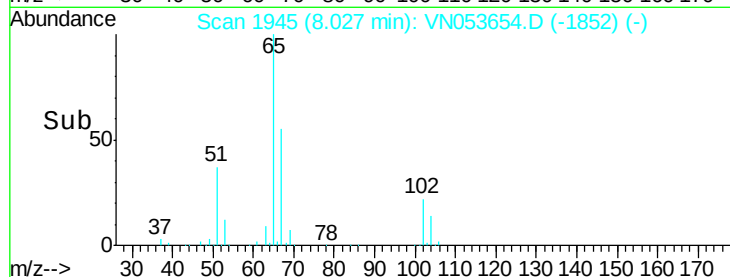
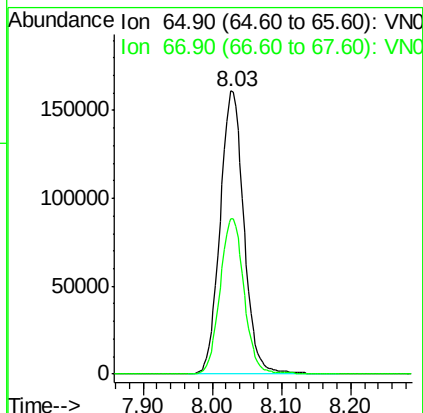
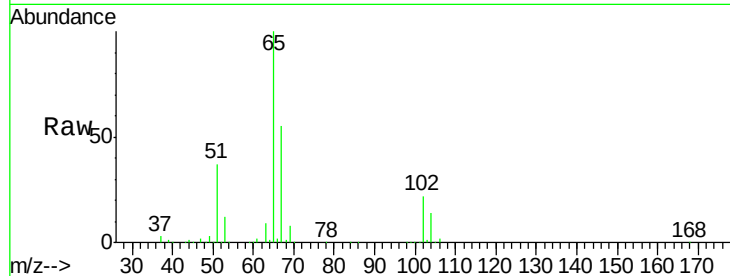
Ion	Ratio	Lower	Upper
43	100		
72	27.2	22.0	33.0





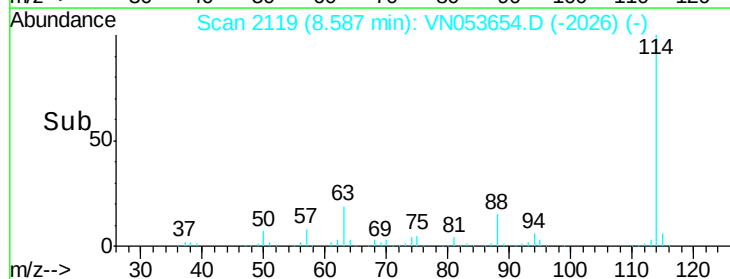
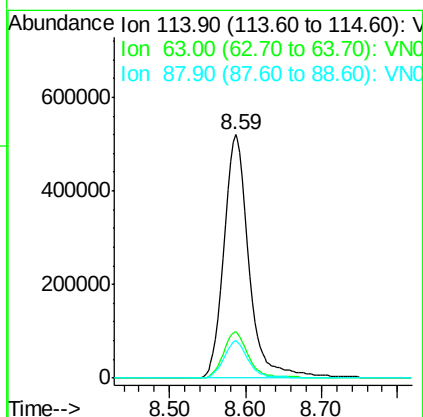
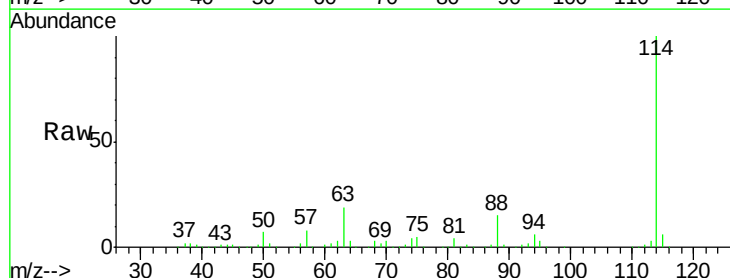
#33
 1,2-Dichloroethane-d4
 Concen: 52.766 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053654.D
 Acq: 7 Feb 2019 14:33

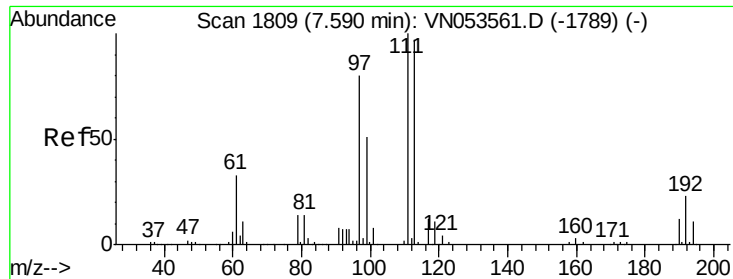
Tot Ion: 65 Resp: 386656
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053654.D
 Acq: 7 Feb 2019 14:33

Tgt Ion: 114 Resp: 1194948
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 50.282 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053654.D

Acq: 7 Feb 2019 14:33

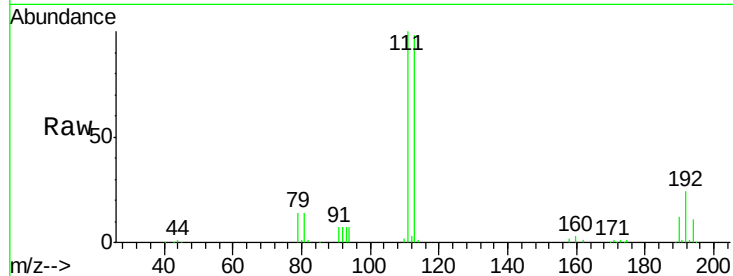
Tot Ion:113 Resp: 379659

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

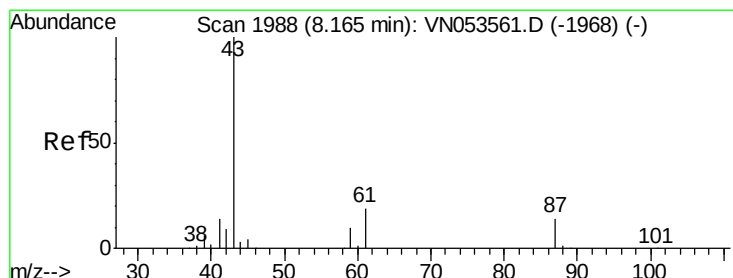
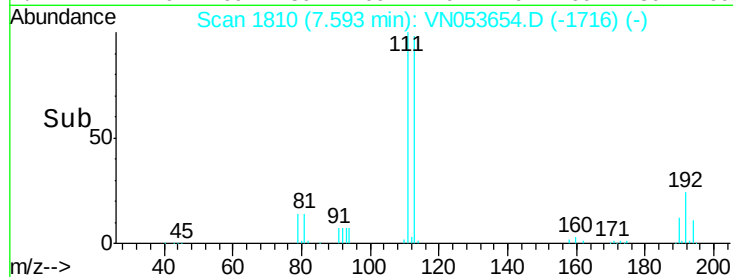
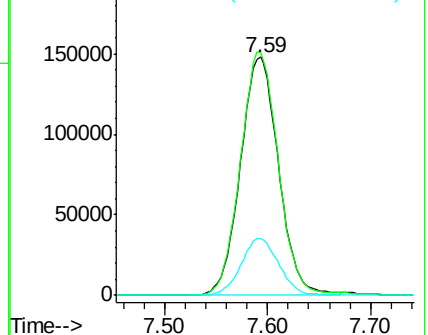
192 23.7 18.2 27.2



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: 3.554 ug/l

RT: 8.18 min Scan# 1993

Delta R.T. 0.02 min

Lab File: VN053654.D

Acq: 7 Feb 2019 14:33

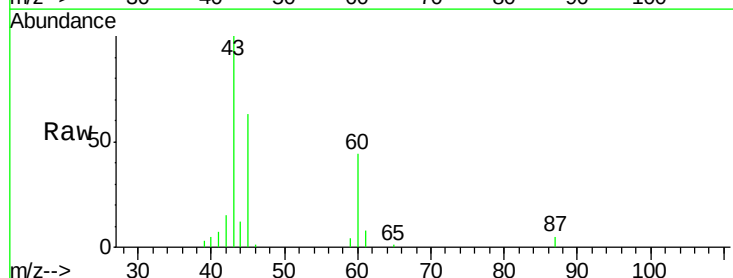
Tgt Ion: 43 Resp: 41286

Ion Ratio Lower Upper

43 100

61 0.0 23.9 35.9#

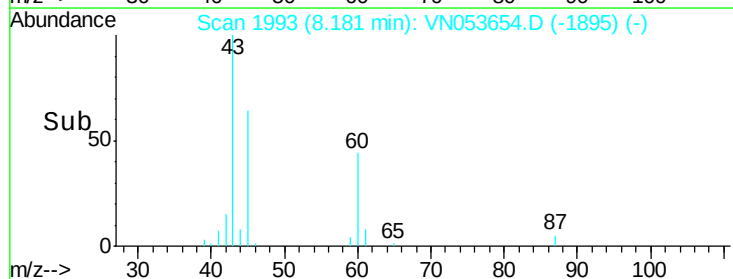
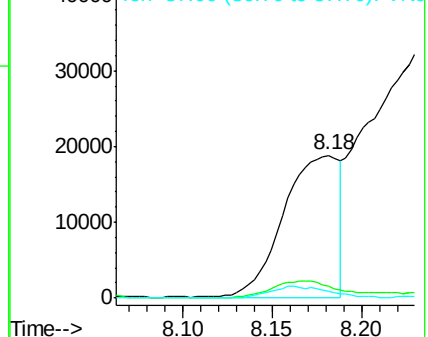
87 0.0 11.0 16.6#

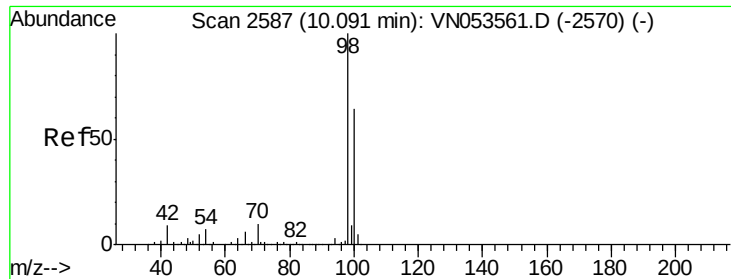


Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 61.00 (60.70 to 61.70): VNO

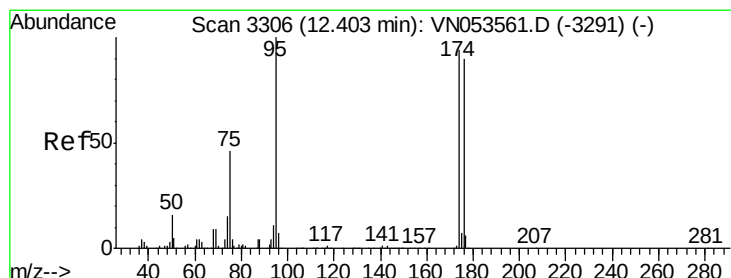
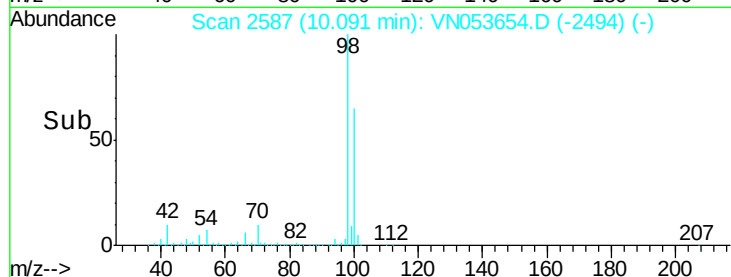
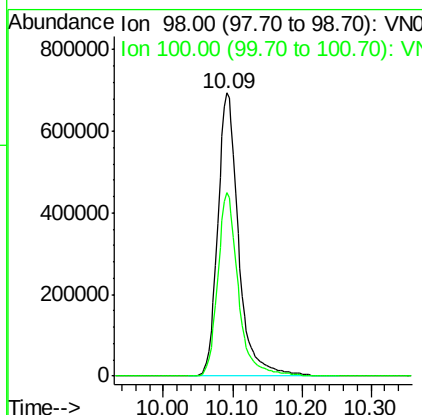
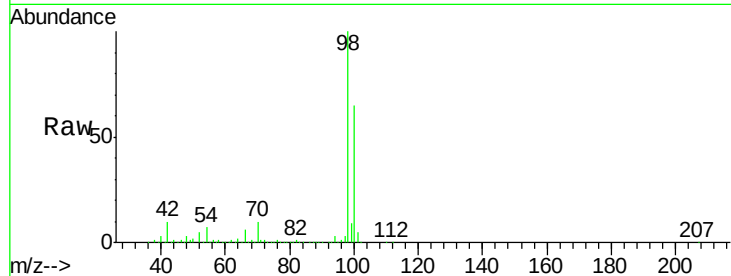
Ion 87.00 (86.70 to 87.70): VNO





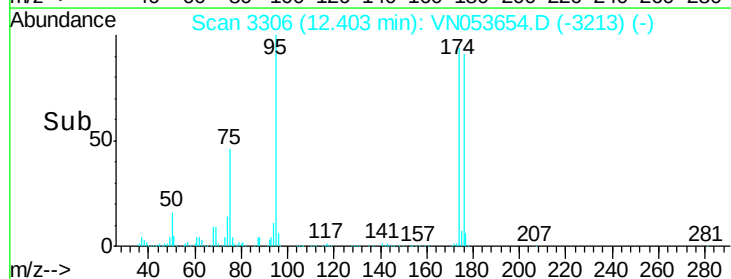
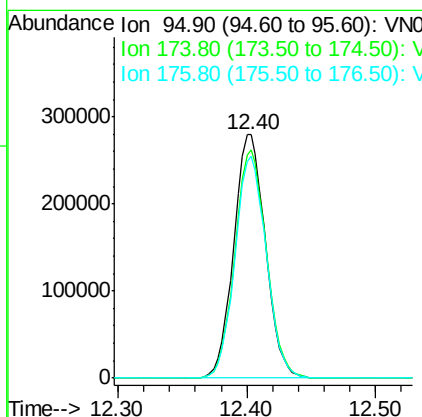
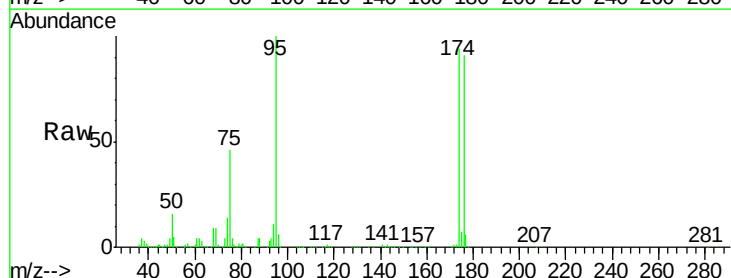
#50
Toluene-d8
Concen: 51.004 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053654.D
Acq: 7 Feb 2019 14:33

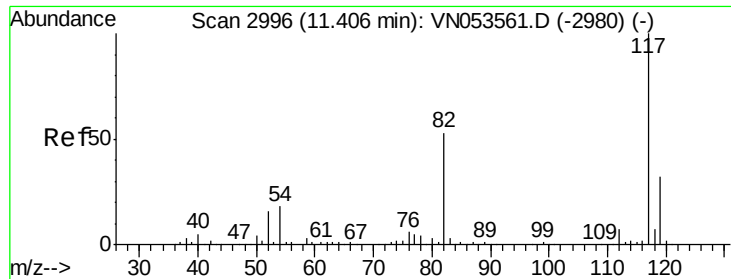
Tot Ion: 98 Resp: 1446010
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.392 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053654.D
Acq: 7 Feb 2019 14:33

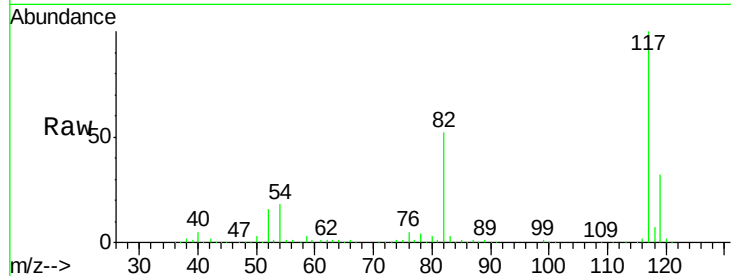
Tgt Ion: 95 Resp: 476478
Ion Ratio Lower Upper
95 100
174 93.7 0.0 183.2
176 90.4 0.0 177.4



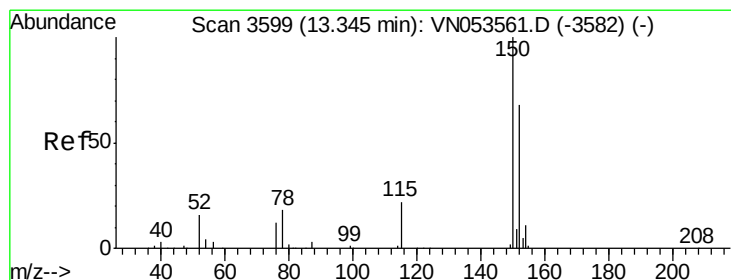
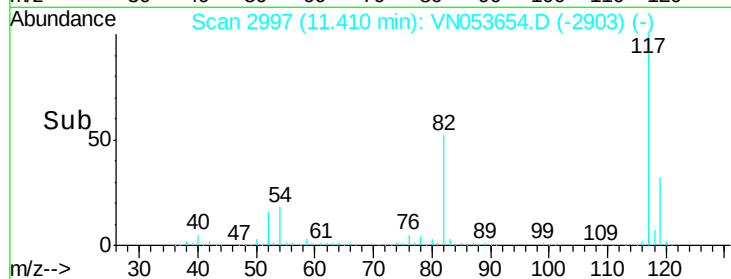
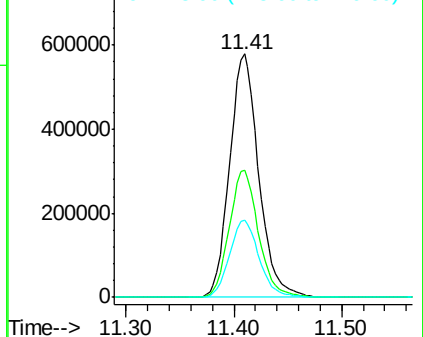


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053654.D
Acq: 7 Feb 2019 14:33

Tot Ion:117 Resp: 1089980
Ion Ratio Lower Upper
117 100
82 52.3 42.9 64.3
119 31.8 26.0 39.0

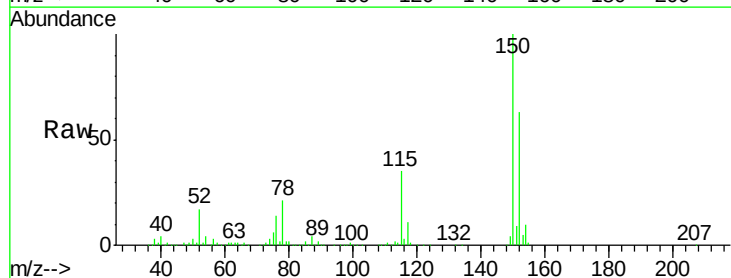


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053654.D
Acq: 7 Feb 2019 14:33

Tgt Ion:152 Resp: 449348
Ion Ratio Lower Upper
152 100
115 55.0 27.8 83.4
150 156.6 0.0 349.0



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

