

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053669.D
 Acq On : 7 Feb 2019 21:14
 Operator : JC/SP
 Sample : K1389-16
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

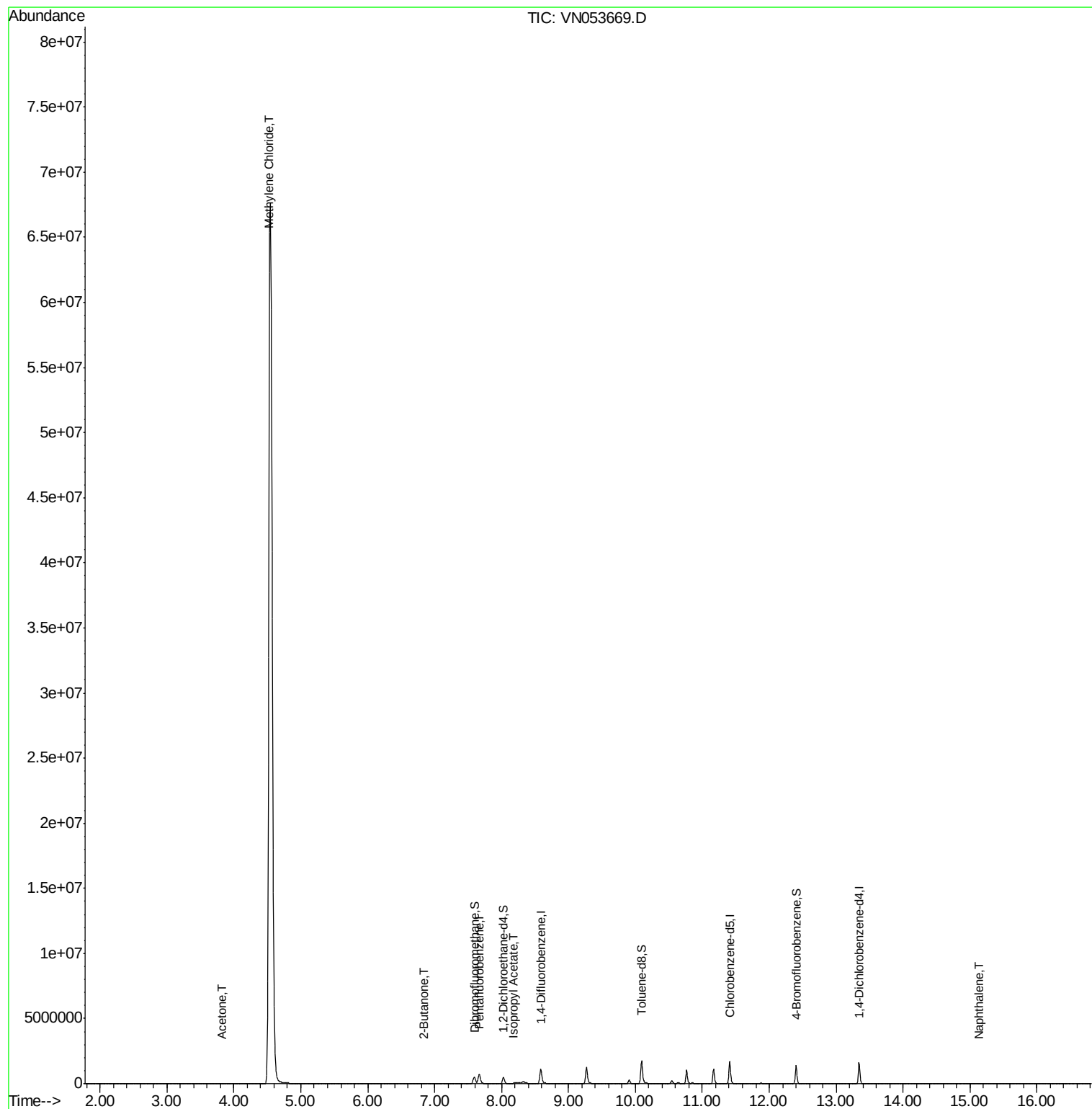
Quant Time: Feb 09 01:51:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

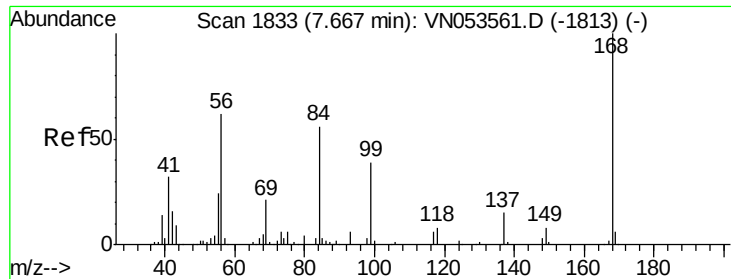
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	744296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1219045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1125153	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	468143	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394787	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.74%	
35) Dibromofluoromethane	7.59	113	390321	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
50) Toluene-d8	10.09	98	1472654	50.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.84%	
62) 4-Bromofluorobenzene	12.40	95	490812	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
Target Compounds						
16) Acetone	3.82	43	26015	13.583	ug/l	96
20) Methylene Chloride	4.52	84	41481956m	5162.541	ug/l	
25) 2-Butanone	6.84	43	8638	3.162	ug/l	93
43) Isopropyl Acetate	8.18	43	37053	3.126	ug/l #	79
95) Naphthalene	15.14	128	13039	2.348	ug/l #	97

(#) = 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: VN053669.D

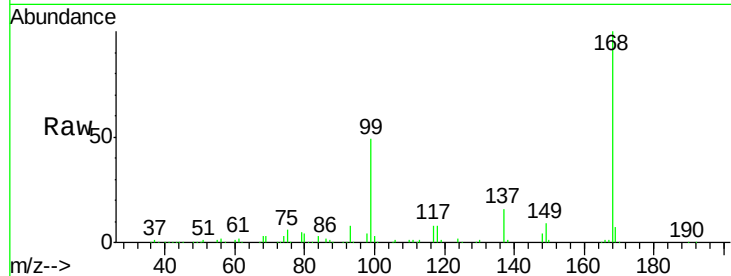
Acq: 7 Feb 2019 21:14

Tot Ion:168 Resp: 744296

Ion Ratio Lower Upper

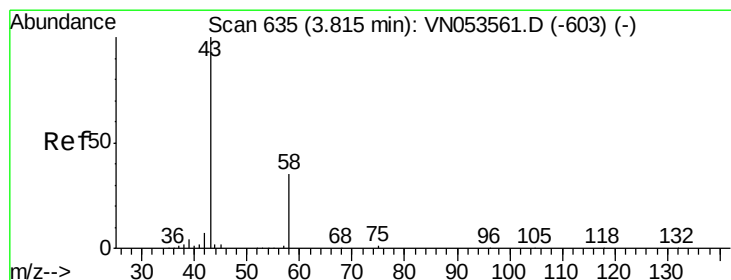
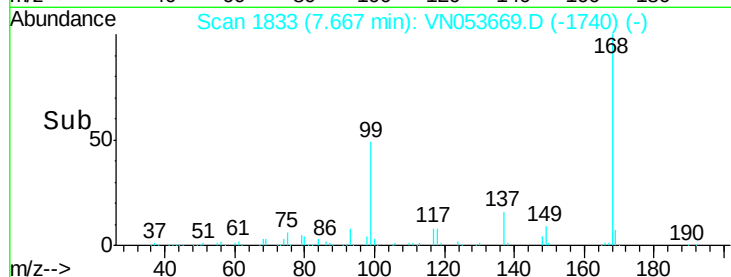
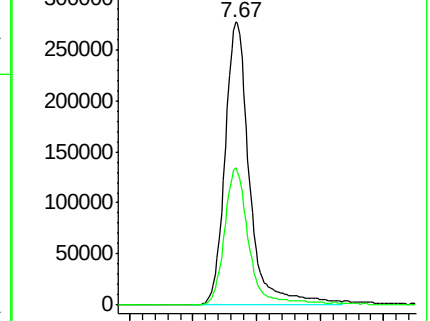
168 100

99 48.5 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: 13.583 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053669.D

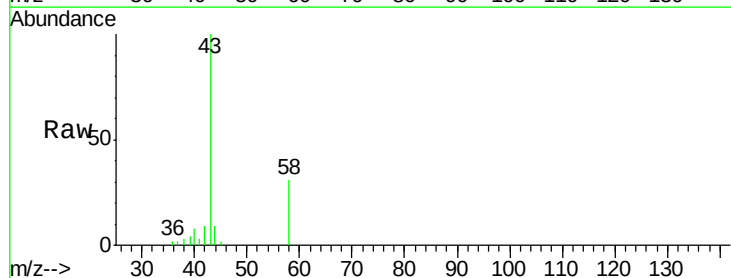
Acq: 7 Feb 2019 21:14

Tgt Ion: 43 Resp: 26015

Ion Ratio Lower Upper

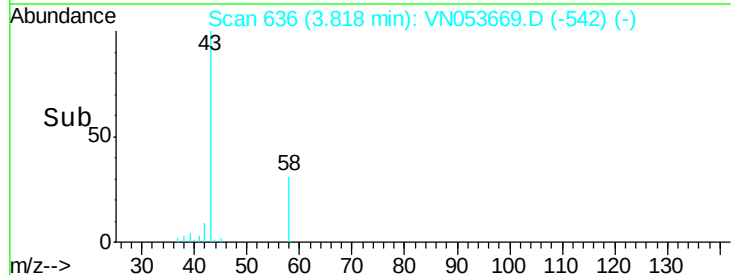
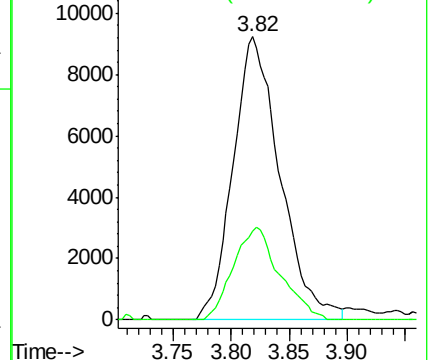
43 100

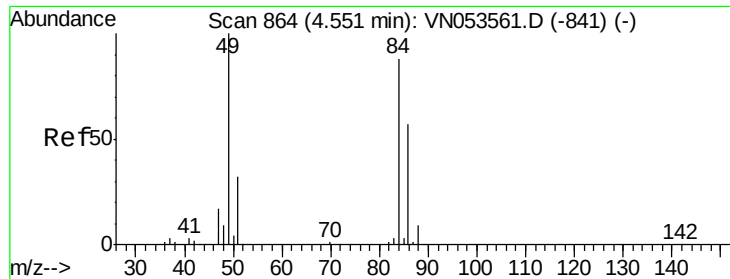
58 31.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

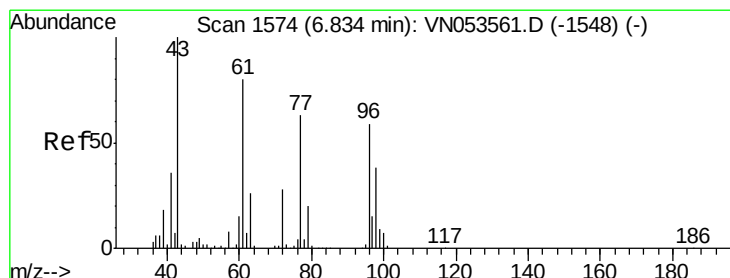
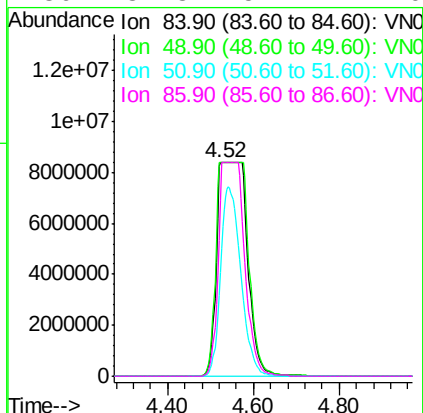
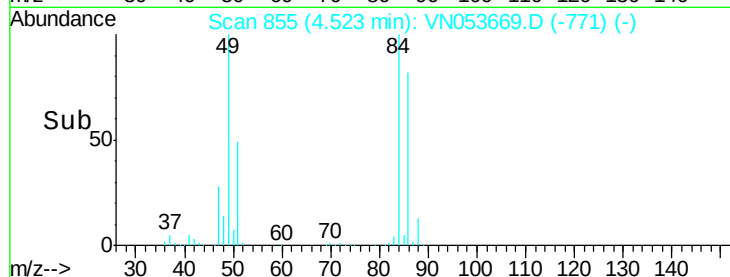
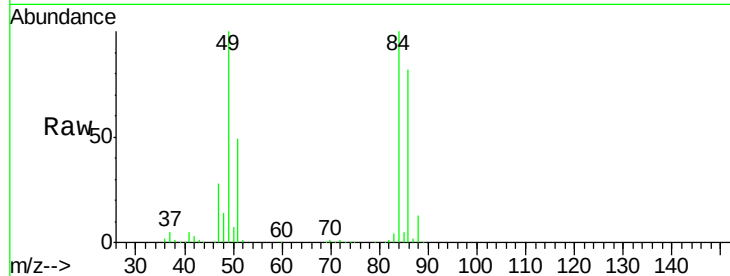




#20
Methylene Chloride
Concen: 5162.541 ug/l m
RT: 4.52 min Scan# 855
Delta R.T. -0.03 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

Tot Ion: 84 Resp: 41481956

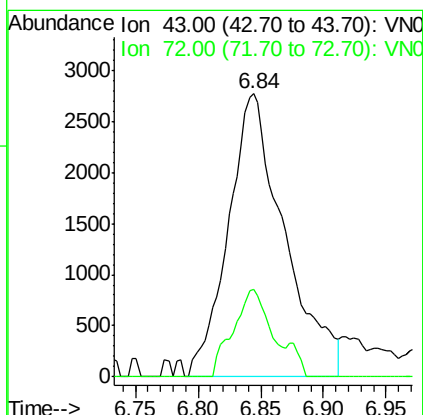
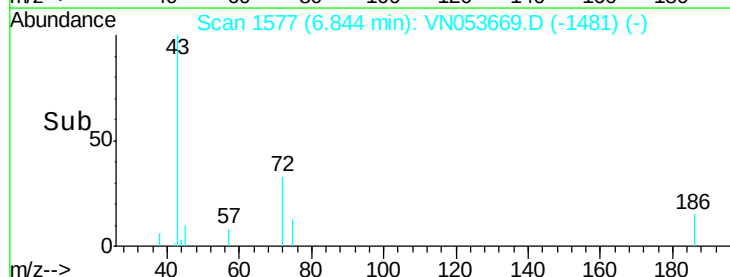
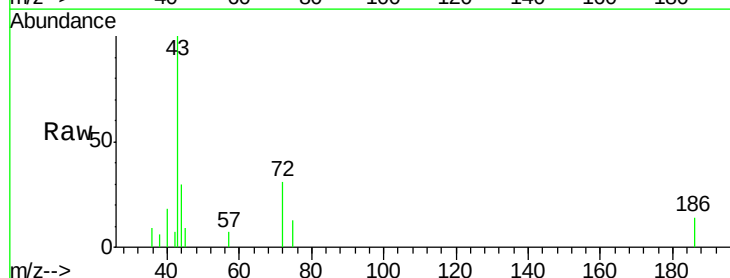
Ion	Ratio	Lower	Upper
84	100		
49	100.0	94.3	141.5
51	48.7	29.4	44.2#
86	81.8	51.4	77.0#

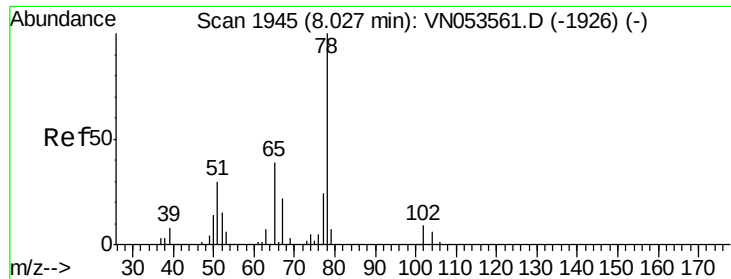


#25
2-Butanone
Concen: 3.162 ug/l
RT: 6.84 min Scan# 1577
Delta R.T. 0.01 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

Tgt Ion: 43 Resp: 8638

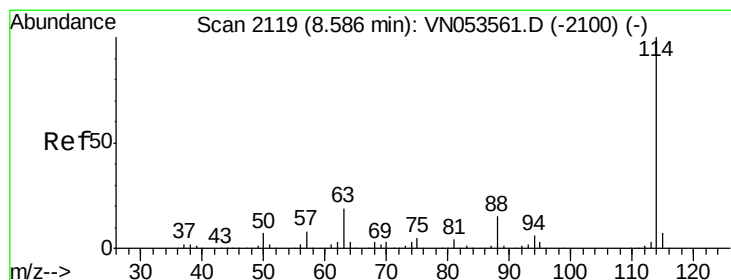
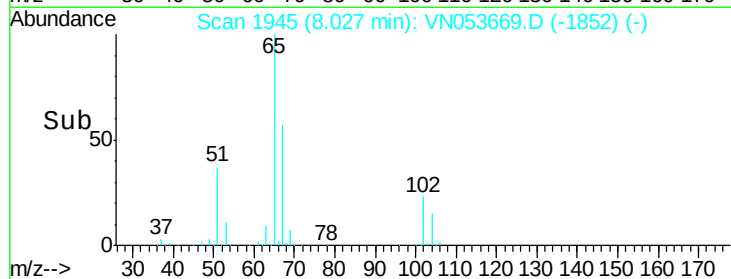
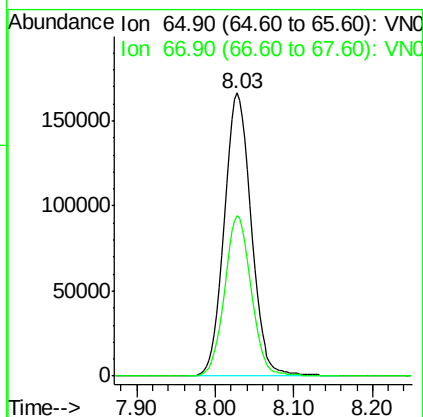
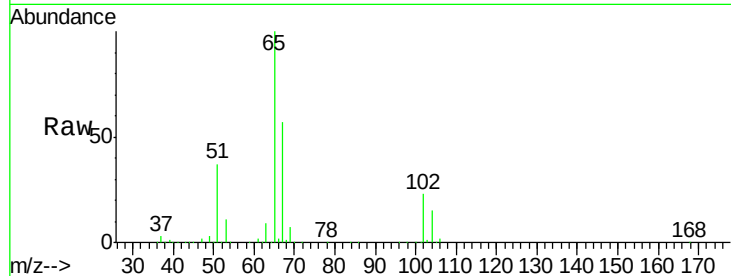
Ion	Ratio	Lower	Upper
43	100		
72	31.1	22.0	33.0





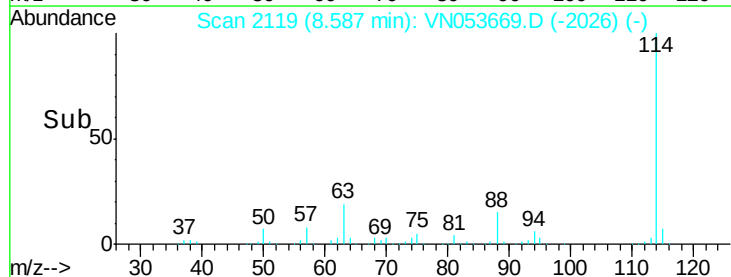
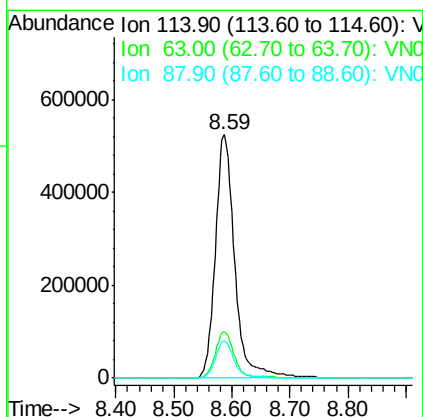
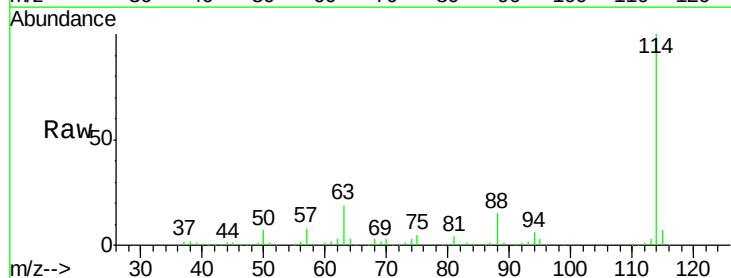
#33
 1,2-Dichloroethane-d4
 Concen: 52.873 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053669.D
 Acq: 7 Feb 2019 21:14

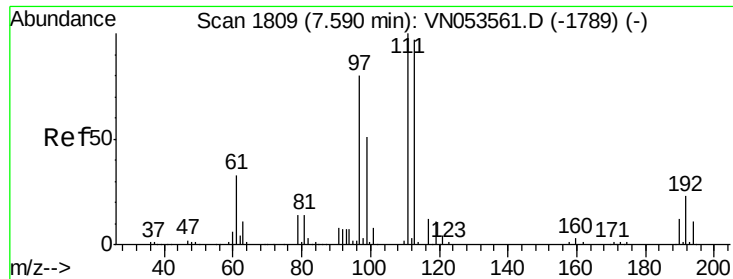
Tot Ion: 65 Resp: 394787
 Ion Ratio Lower Upper
 65 100
 67 55.8 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053669.D
 Acq: 7 Feb 2019 21:14

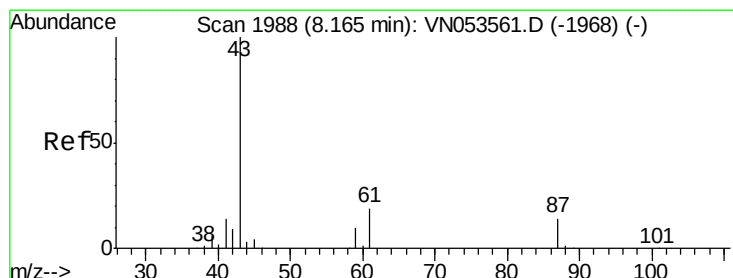
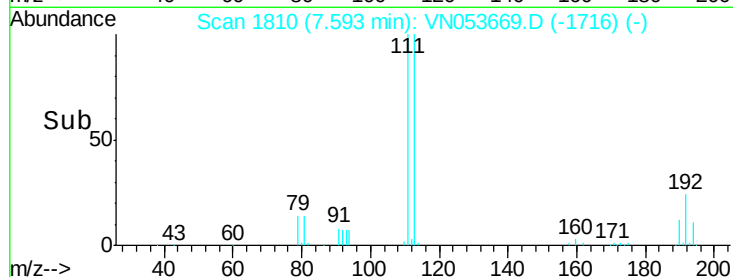
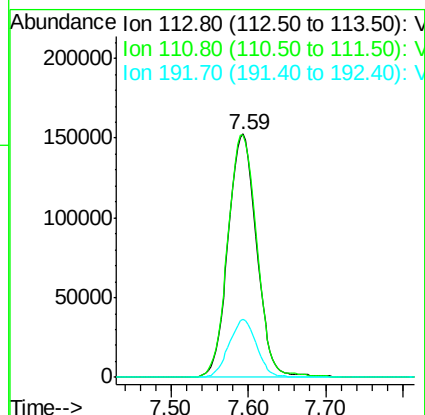
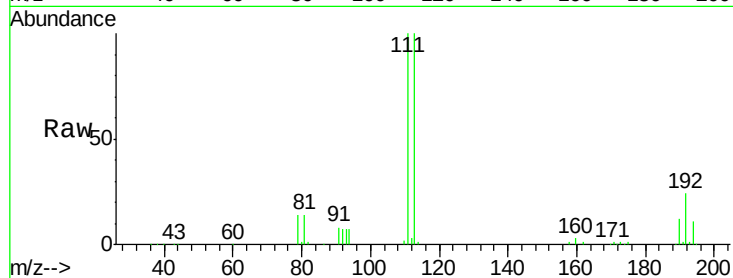
Tgt Ion: 114 Resp: 1219045
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 38.6
 88 15.4 0.0 30.4





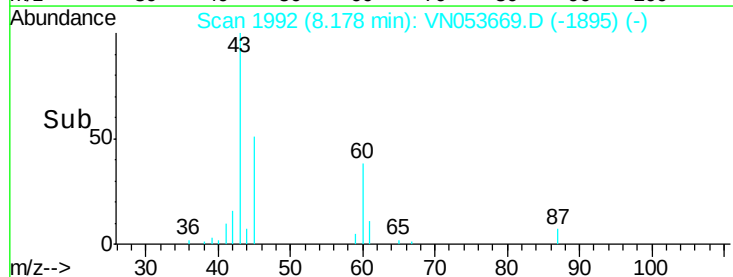
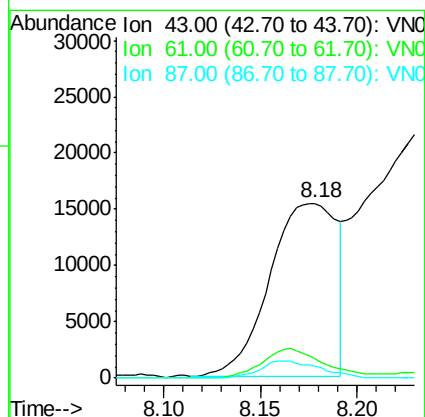
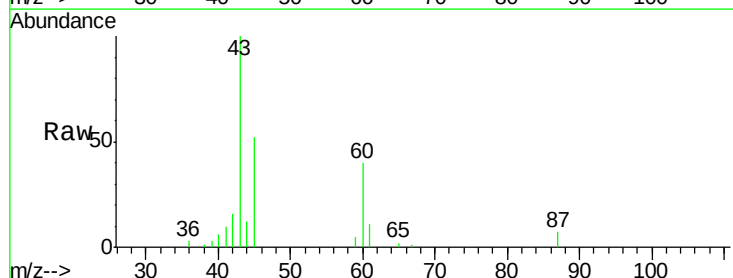
#35
 Dibromofluoromethane
 Concen: 50.673 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053669.D
 Acq: 7 Feb 2019 21:14

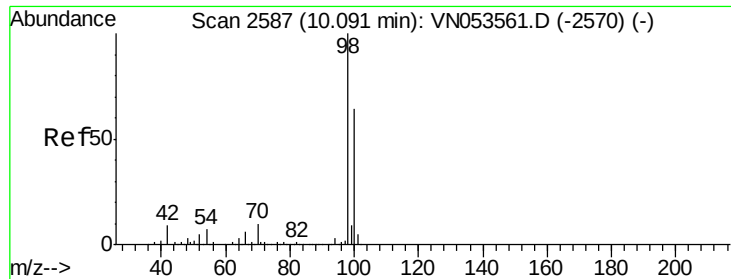
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.1	121.7
192	23.0	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.126 ug/l
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: VN053669.D
 Acq: 7 Feb 2019 21:14

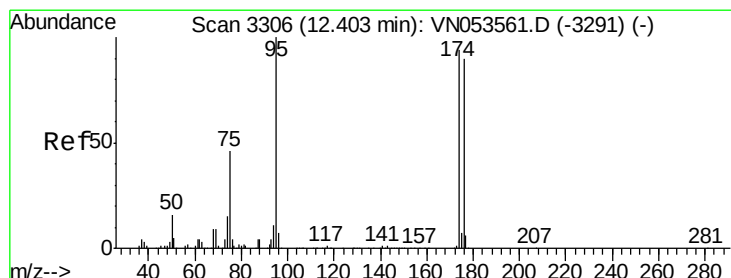
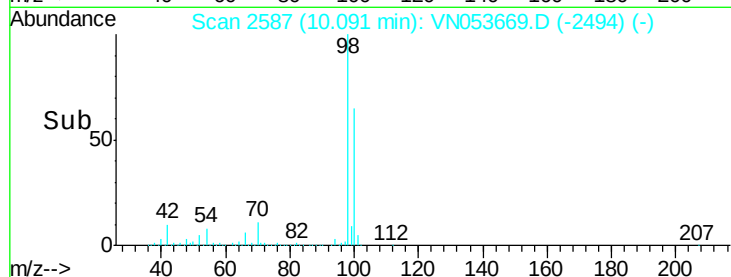
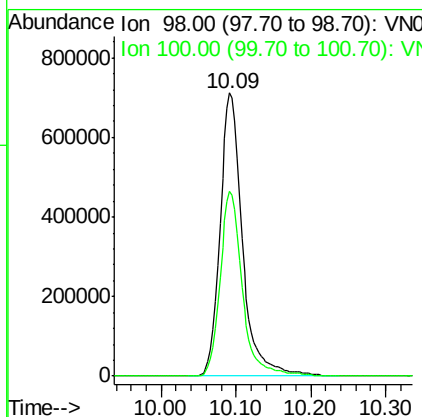
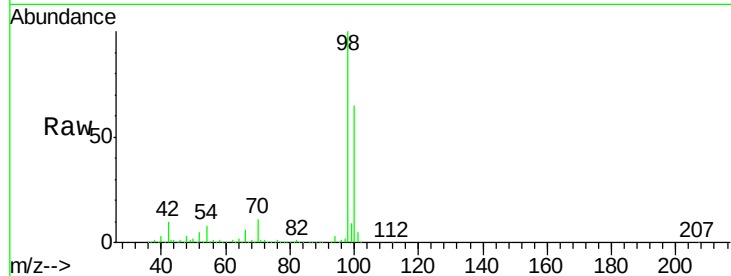
Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.9	23.9	35.9#
87	9.0	11.0	16.6#





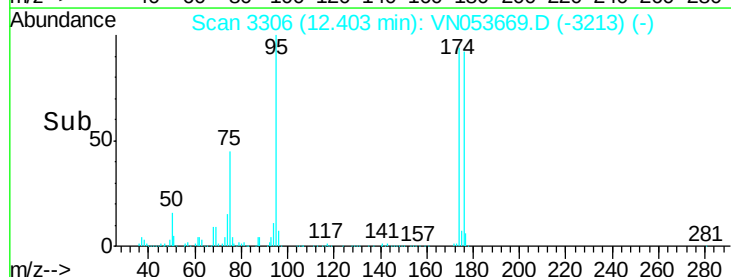
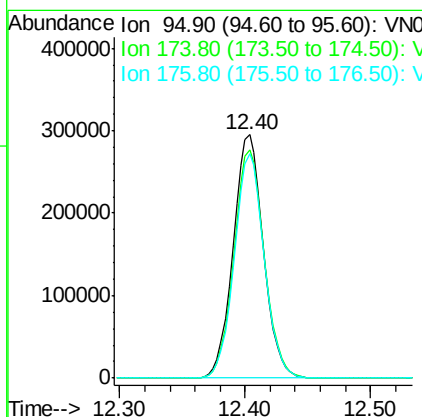
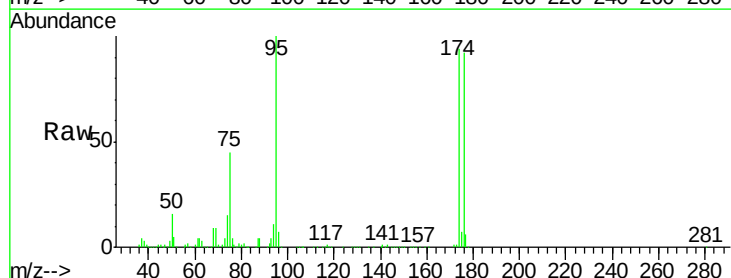
#50
Toluene-d8
Concen: 50.917 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

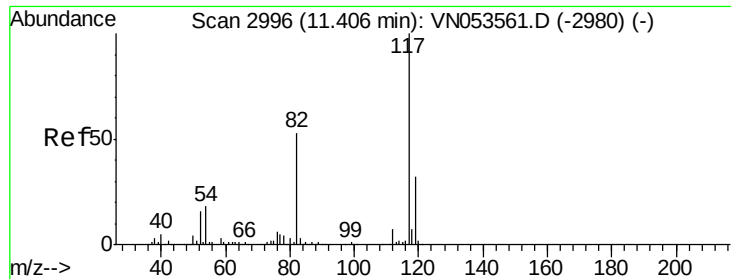
Tot Ion: 98 Resp: 1472654
Ion Ratio Lower Upper
98 100
100 64.9 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 50.882 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

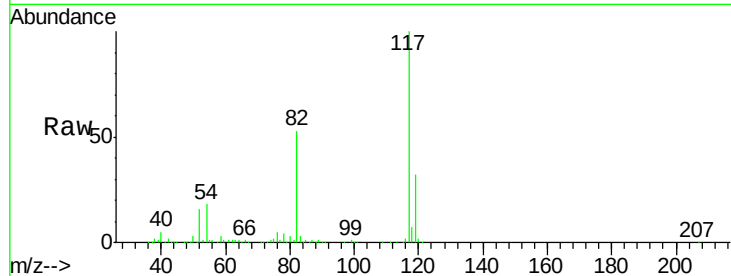
Tgt Ion: 95 Resp: 490812
Ion Ratio Lower Upper
95 100
174 94.5 0.0 183.2
176 91.3 0.0 177.4



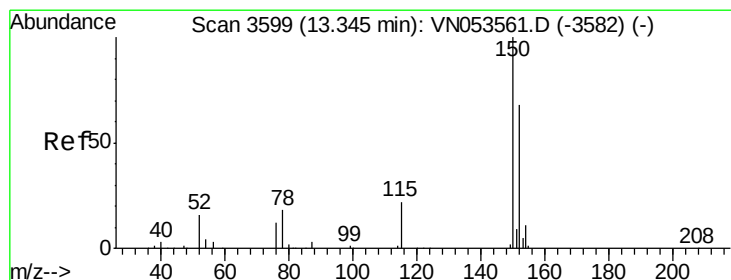
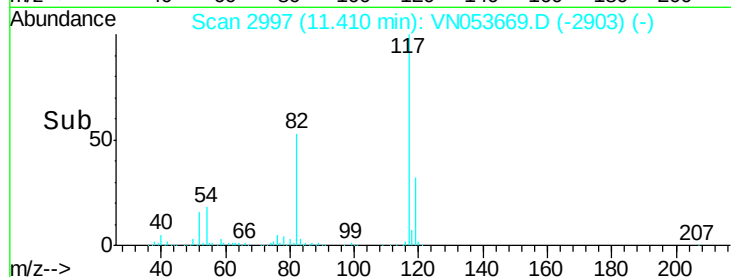
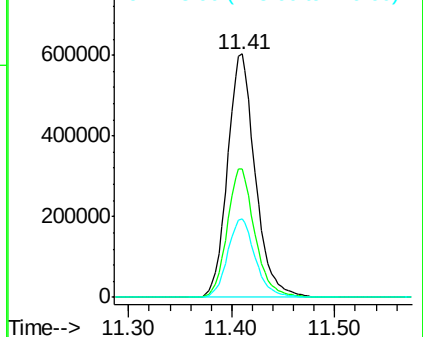


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

Tot Ion:117 Resp: 1125153
Ion Ratio Lower Upper
117 100
82 52.8 42.9 64.3
119 32.3 26.0 39.0

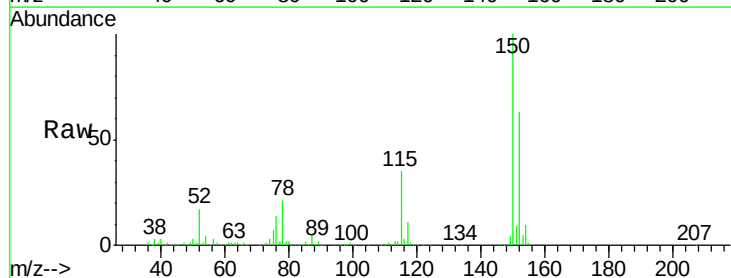


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

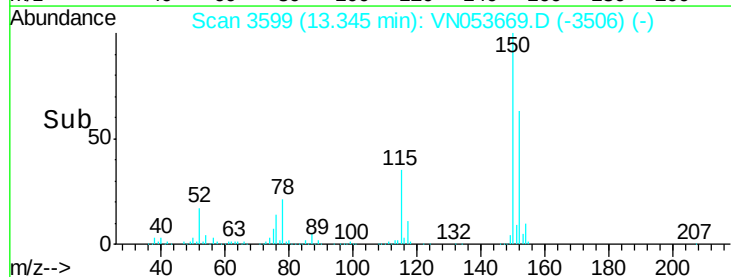
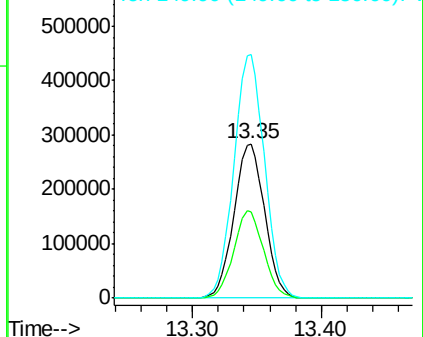


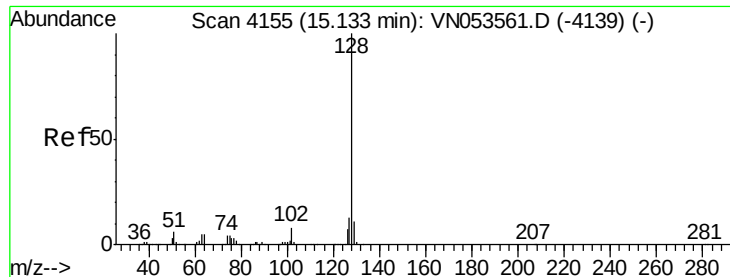
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

Tgt Ion:152 Resp: 468143
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 158.1 0.0 349.0



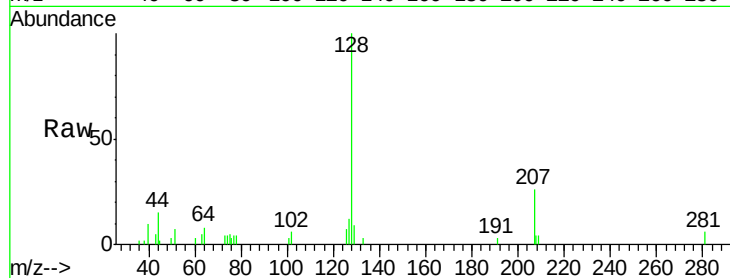
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#95
Naphthalene
Concen: 2.348 ug/l
RT: 15.14 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN053669.D
Acq: 7 Feb 2019 21:14

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	8.5	8.6	13.0



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

