

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020719\
 Data File : VN053655.D
 Acq On : 7 Feb 2019 15:00
 Operator : JC/SP
 Sample : PB116887ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

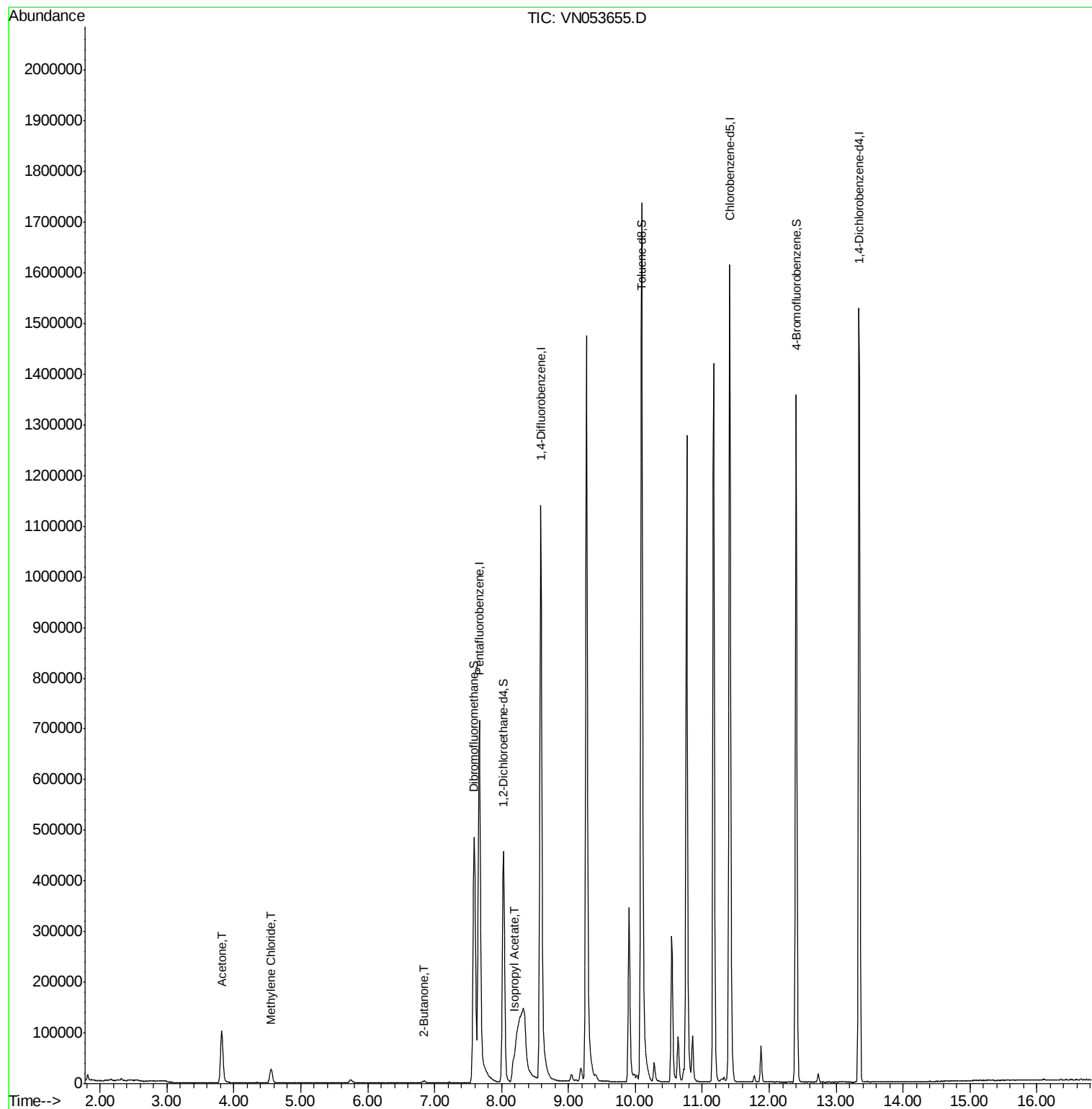
Quant Time: Feb 09 00:58:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	737690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1215685	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1102966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	449058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	394879	53.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.72%	
35) Dibromofluoromethane	7.59	113	386495	50.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.62%	
50) Toluene-d8	10.09	98	1459492	50.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	473213	49.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.38%	
Target Compounds						
16) Acetone	3.82	43	176974	93.231	ug/l	99
20) Methylene Chloride	4.56	84	21022	2.640	ug/l	96
25) 2-Butanone	6.85	43	4039	1.492	ug/l	95
43) Isopropyl Acetate	8.18	43	37674	3.187	ug/l #	77

(#) = 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: VN053655.D

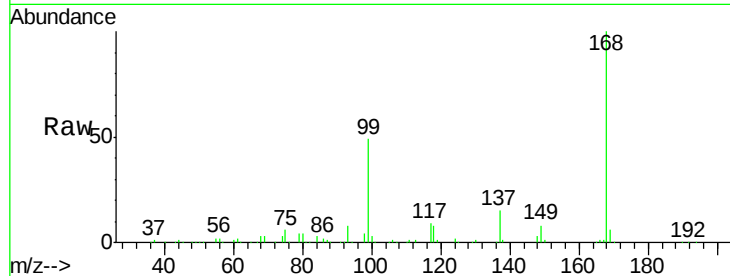
Acq: 7 Feb 2019 15:00

Tot Ion:168 Resp: 737690

Ion Ratio Lower Upper

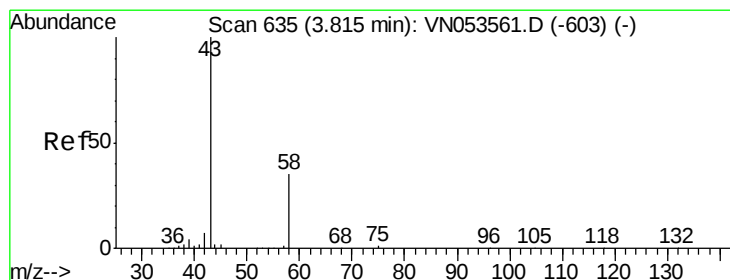
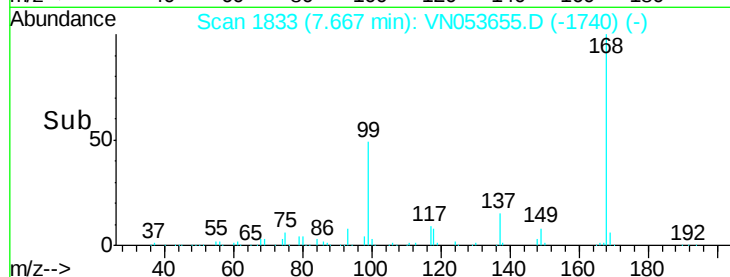
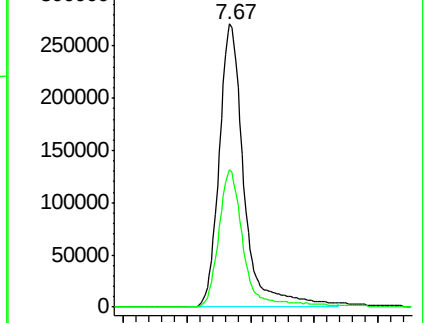
168 100

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: 93.231 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053655.D

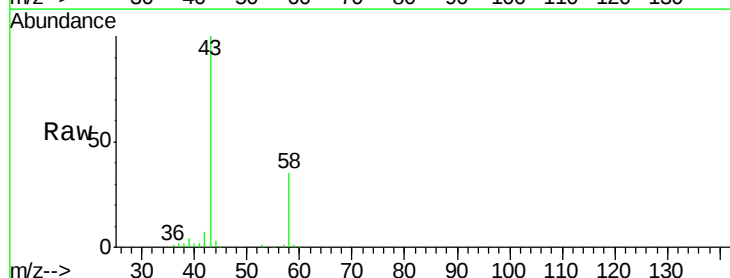
Acq: 7 Feb 2019 15:00

Tgt Ion: 43 Resp: 176974

Ion Ratio Lower Upper

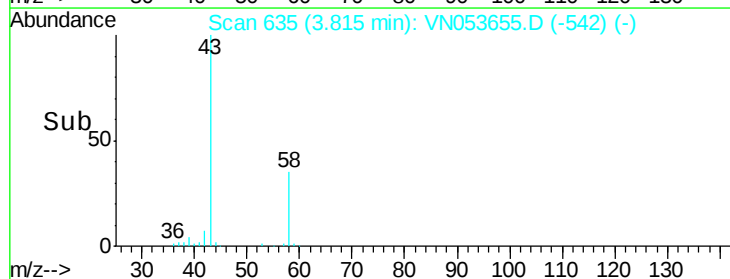
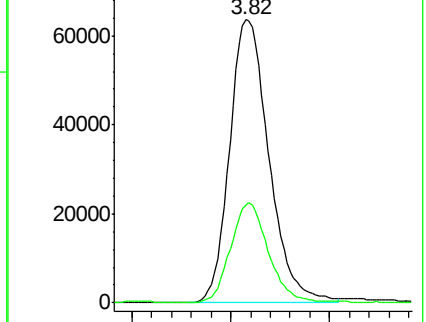
43 100

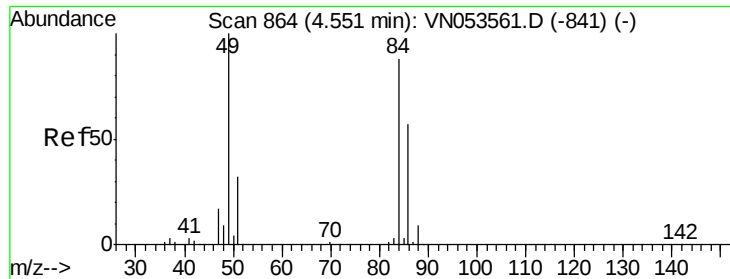
58 34.7 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

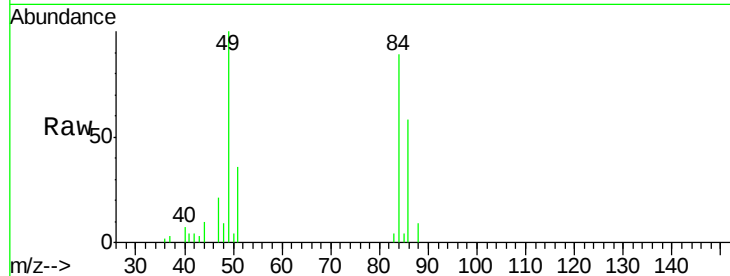
Ion 58.00 (57.70 to 58.70): VNO





#20
Methvlene Chloride
Concen: 2.640 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053655.D
Acq: 7 Feb 2019 15:00

Tot Ion:	84	Resp:	21022
Ion	Ratio	Lower	Upper
84	100		
49	112.5	94.3	141.5
51	40.3	29.4	44.2
86	65.0	51.4	77.0



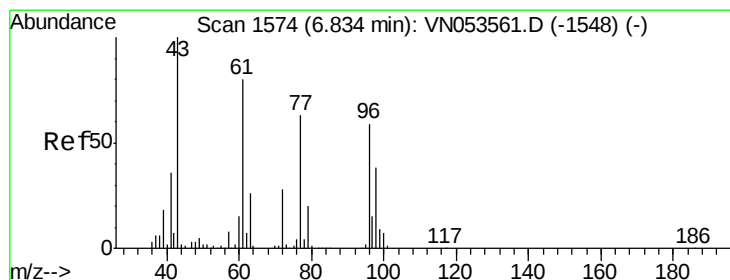
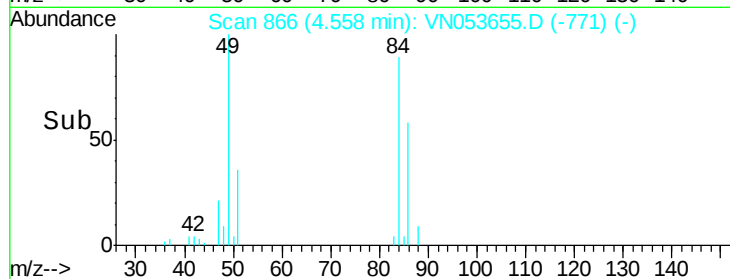
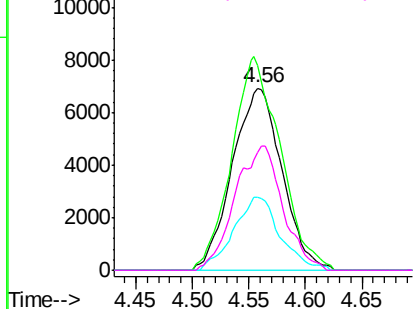
Abundance

Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

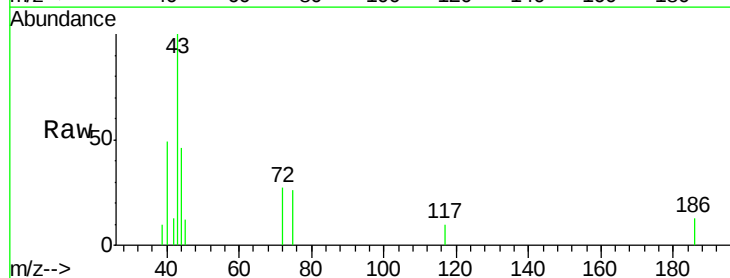
Ion 50.90 (50.60 to 51.60): VN0

Ion 85.90 (85.60 to 86.60): VN0



#25
2-Butanone
Concen: 1.492 ug/l
RT: 6.85 min Scan# 1579
Delta R.T. 0.02 min
Lab File: VN053655.D
Acq: 7 Feb 2019 15:00

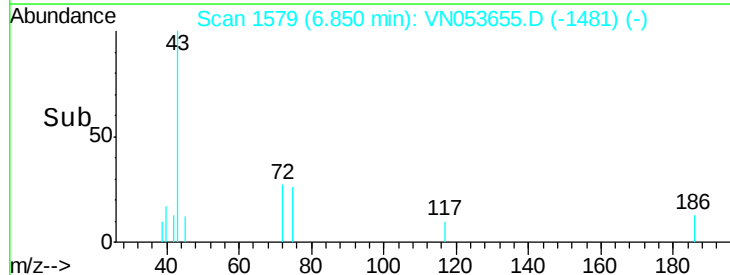
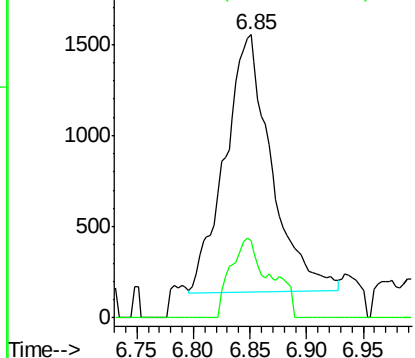
Tgt Ion:	43	Resp:	4039
Ion	Ratio	Lower	Upper
43	100		
72	30.1	22.0	33.0

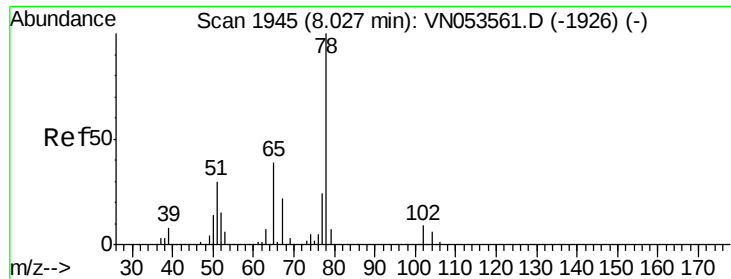


Abundance

Ion 43.00 (42.70 to 43.70): VN0

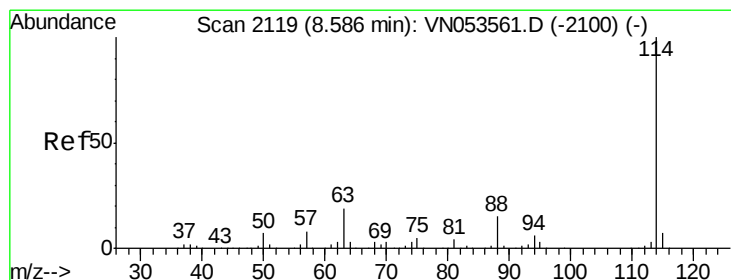
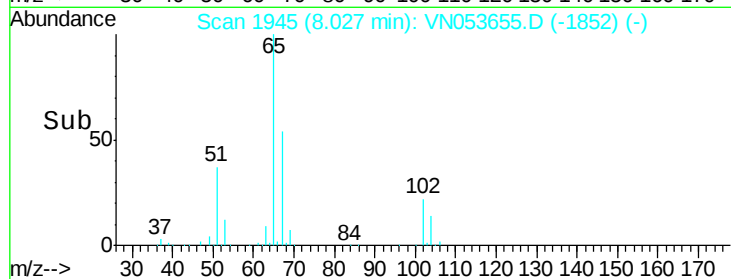
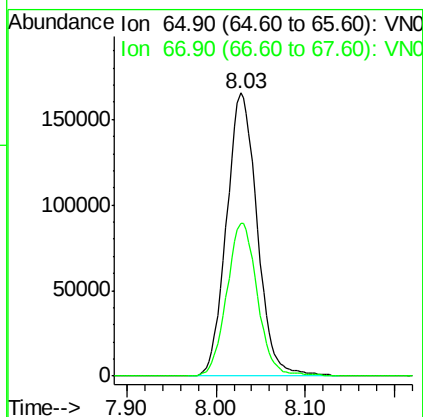
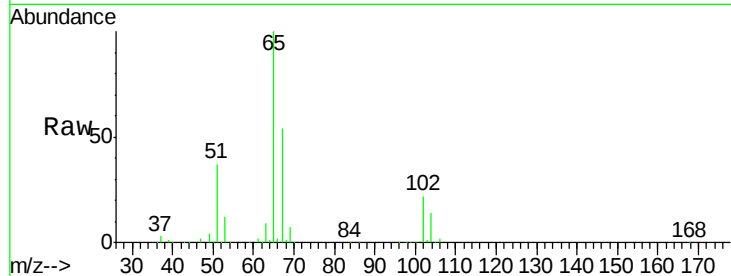
Ion 72.00 (71.70 to 72.70): VN0





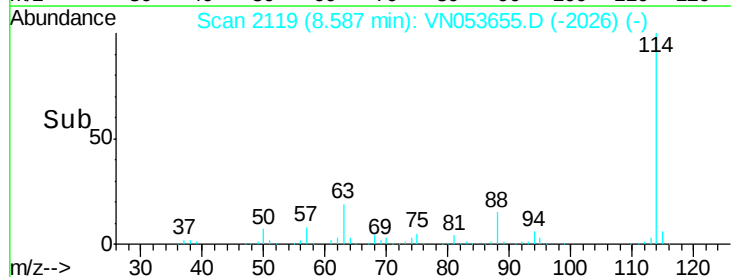
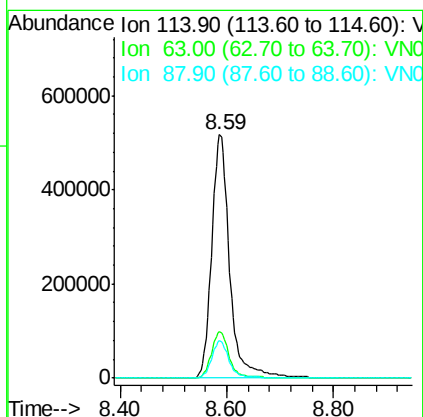
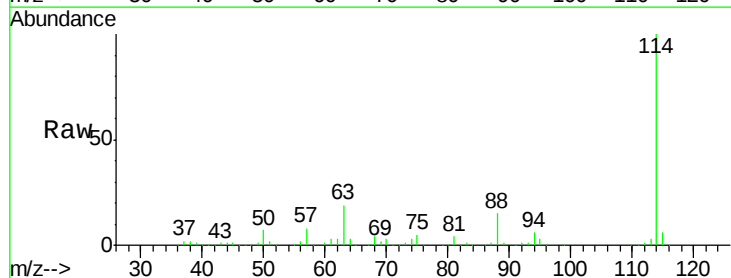
#33
 1,2-Dichloroethane-d4
 Concen: 53.359 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053655.D
 Acq: 7 Feb 2019 15:00

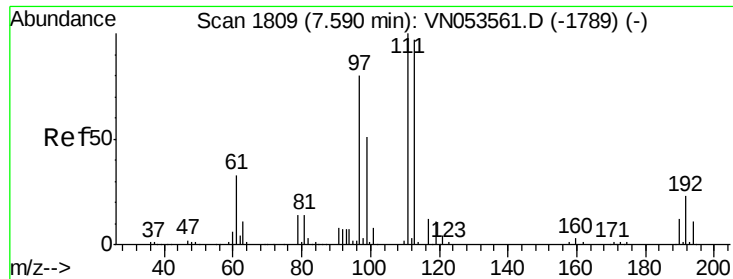
Tot Ion: 65 Resp: 394879
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053655.D
 Acq: 7 Feb 2019 15:00

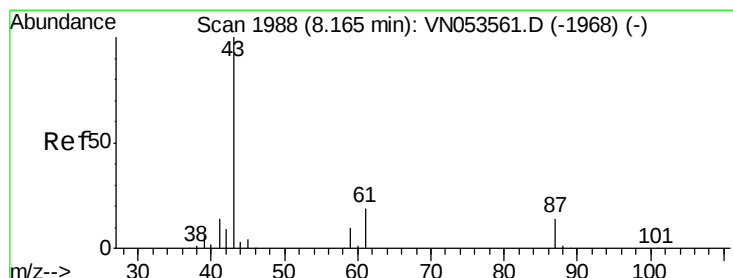
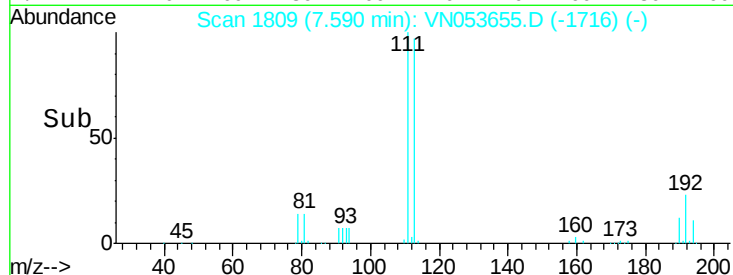
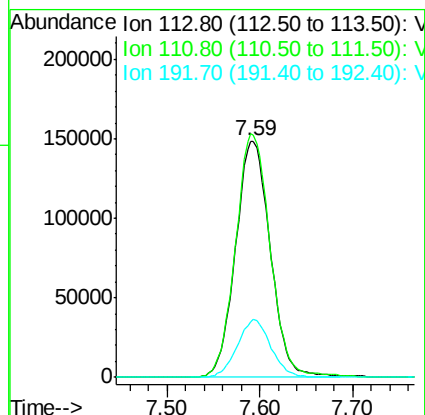
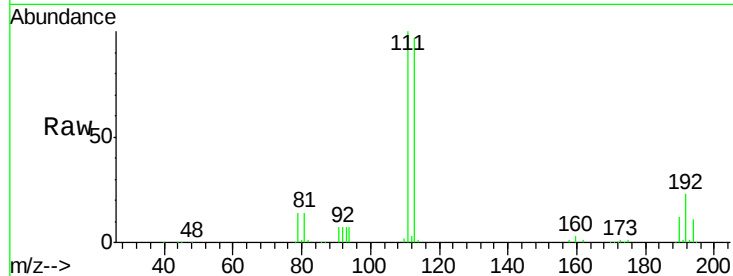
Tgt Ion: 114 Resp: 1215685
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 15.4 0.0 30.4





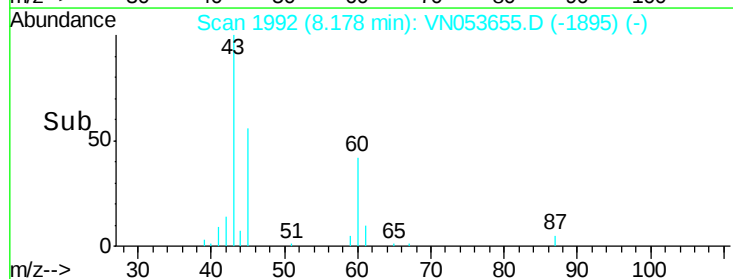
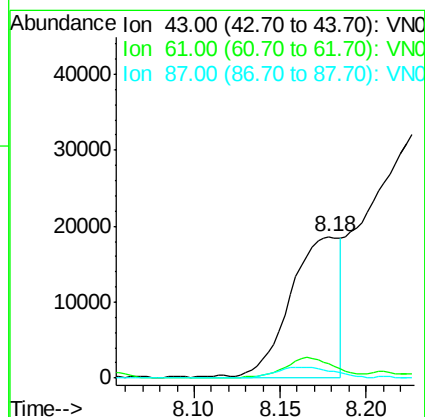
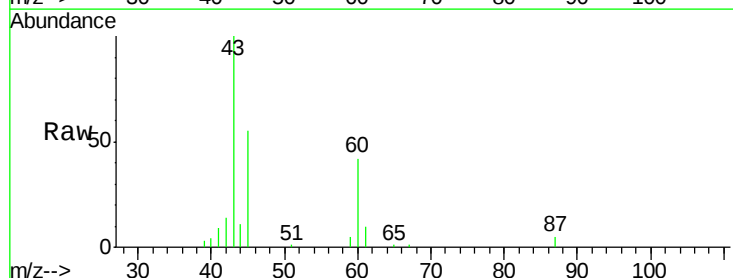
#35
 Dibromofluoromethane
 Concen: 50.315 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053655.D
 Acq: 7 Feb 2019 15:00

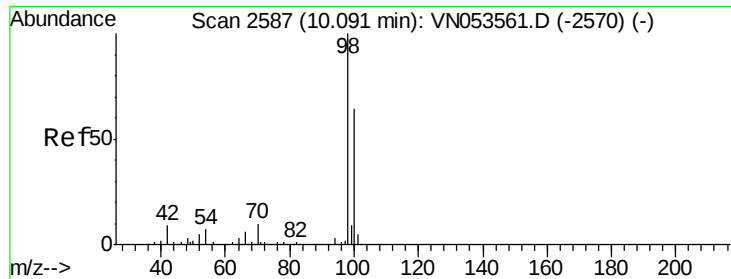
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.1	121.7
192	23.6	18.2	27.2



#43
 Isopropyl Acetate
 Concen: 3.187 ug/l
 RT: 8.18 min Scan# 1992
 Delta R.T. 0.01 min
 Lab File: VN053655.D
 Acq: 7 Feb 2019 15:00

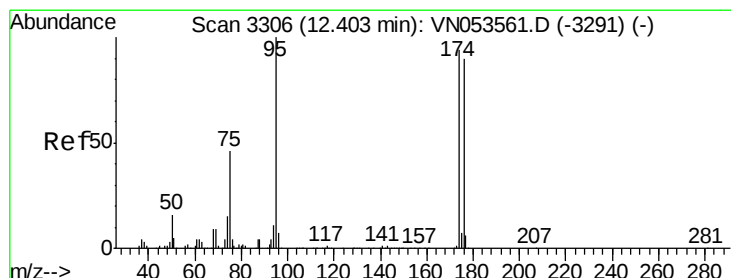
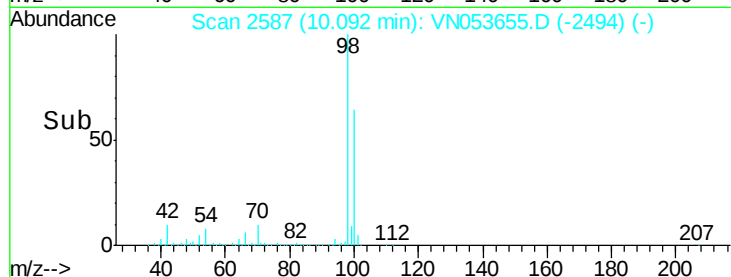
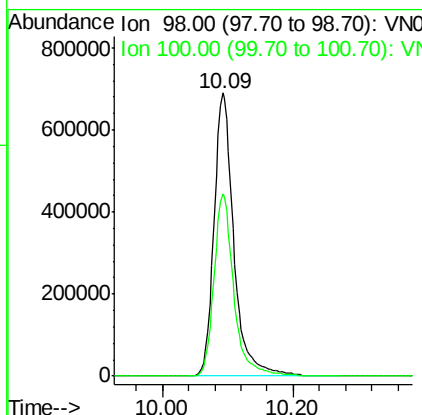
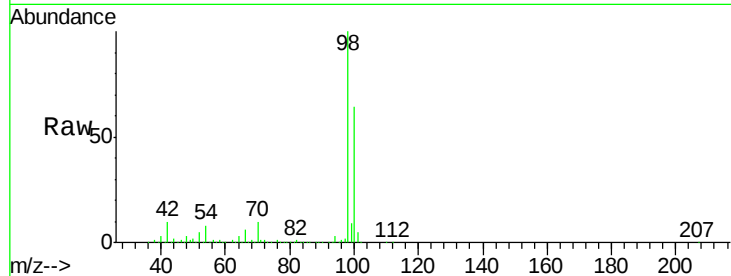
Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	23.9	35.9#
87	8.9	11.0	16.6#





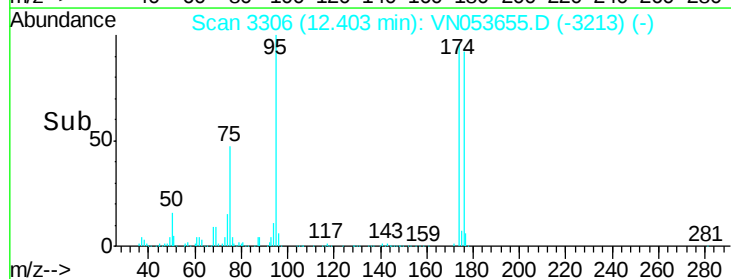
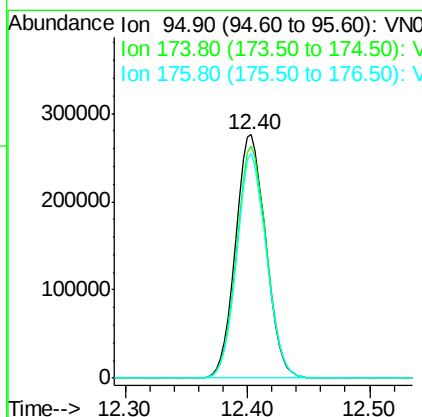
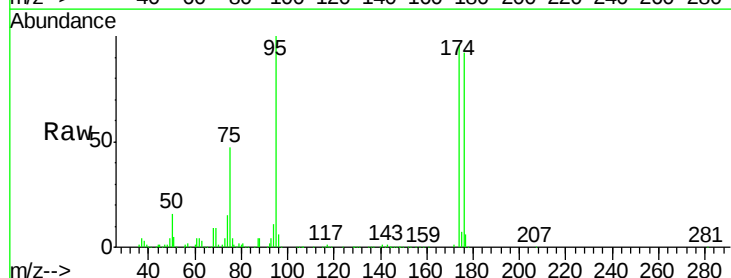
#50
Toluene-d8
Concen: 50.602 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053655.D
Acq: 7 Feb 2019 15:00

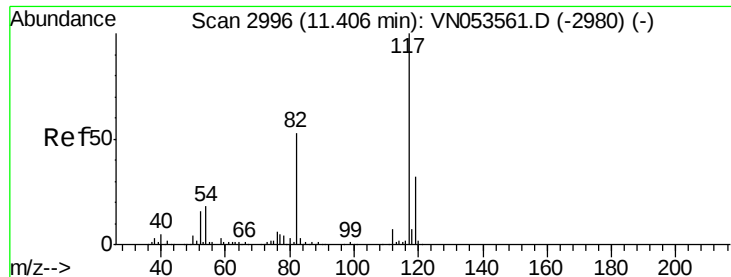
Tot Ion: 98 Resp: 1459492
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 49.193 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053655.D
Acq: 7 Feb 2019 15:00

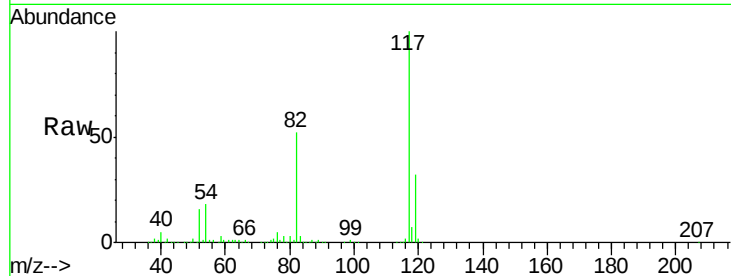
Tgt Ion: 95 Resp: 473213
Ion Ratio Lower Upper
95 100
174 95.0 0.0 183.2
176 90.3 0.0 177.4



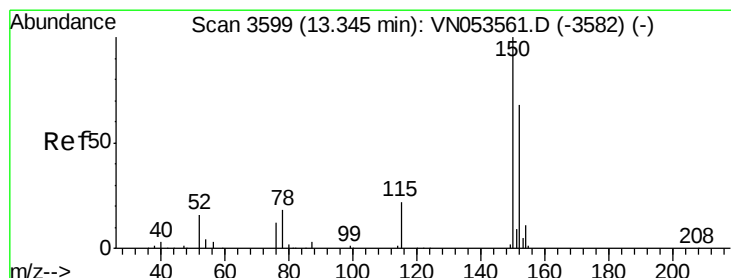
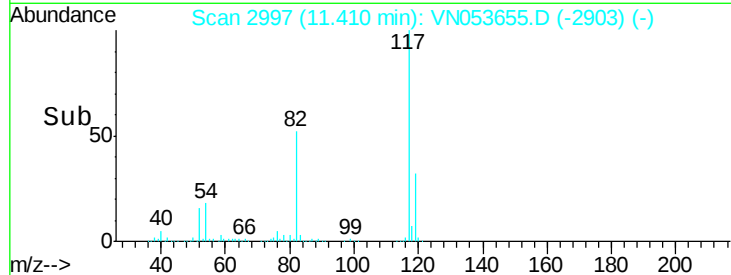
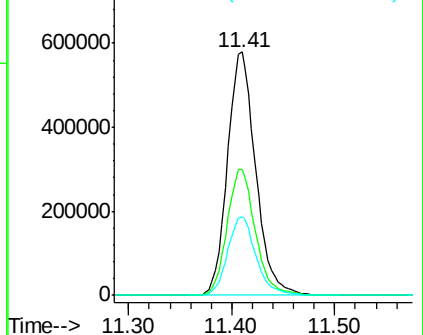


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053655.D
Acq: 7 Feb 2019 15:00

Tot Ion:117 Resp: 1102966
Ion Ratio Lower Upper
117 100
82 51.7 42.9 64.3
119 32.4 26.0 39.0

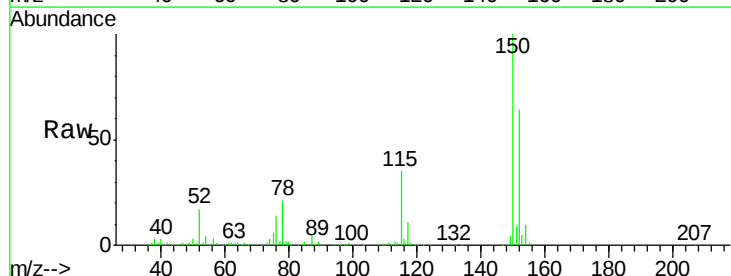


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053655.D
Acq: 7 Feb 2019 15:00

Tgt Ion:152 Resp: 449058
Ion Ratio Lower Upper
152 100
115 55.3 27.8 83.4
150 156.1 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

