

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053441.D
 Acq On : 17 Jan 2019 18:13
 Operator : JC/SP
 Sample : PB116439ZHE#03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 28

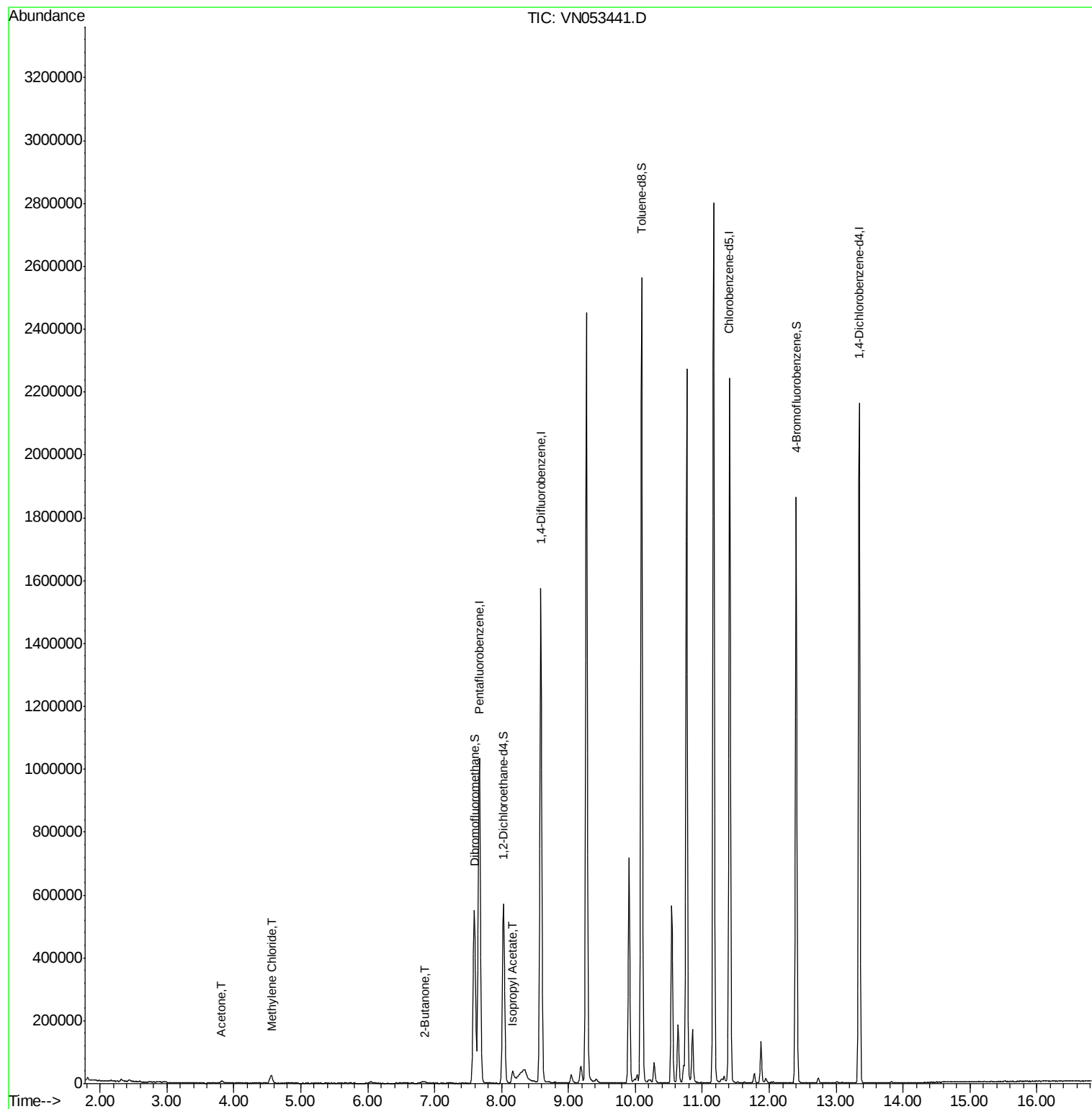
Quant Time: Jan 18 00:55:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

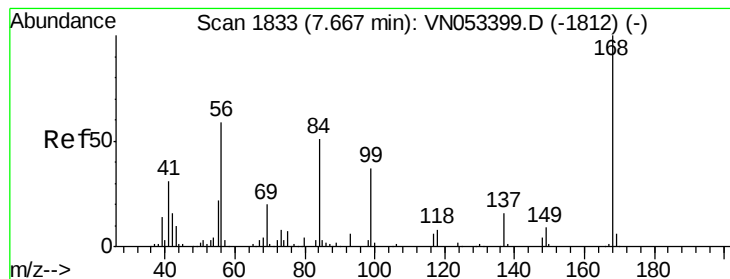
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	929745	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1450217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1391883	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	616914	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	475241	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
35) Dibromofluoromethane	7.59	113	419649	50.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.40%	
50) Toluene-d8	10.09	98	1822573	52.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.14%	
62) 4-Bromofluorobenzene	12.40	95	640166	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
Target Compounds						
16) Acetone	3.82	43	12696	5.889	ug/l	94
20) Methylene Chloride	4.56	84	18889	1.919	ug/l	94
25) 2-Butanone	6.85	43	6991m	2.104	ug/l	
43) Isopropyl Acetate	8.17	43	50267	3.679	ug/l #	85

(#) = 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: VN053441.D

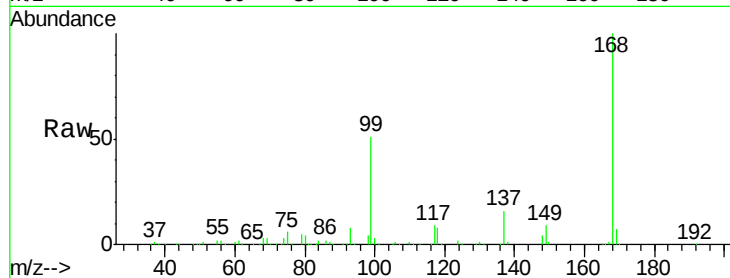
Acq: 17 Jan 2019 18:13

Tot Ion:168 Resp: 929745

Ion Ratio Lower Upper

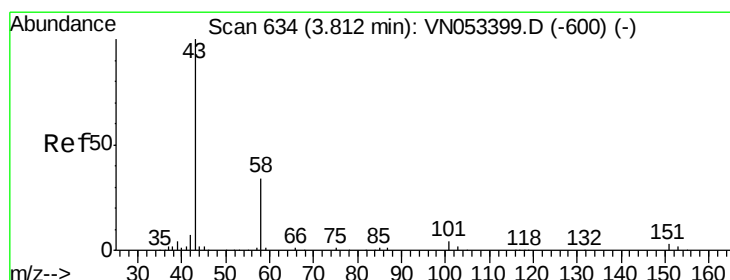
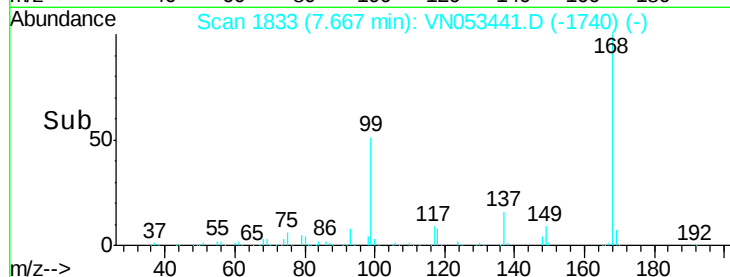
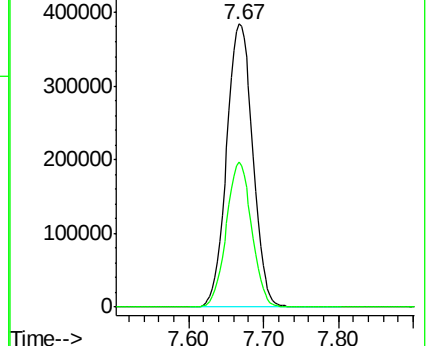
168 100

99 51.1 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: 5.889 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053441.D

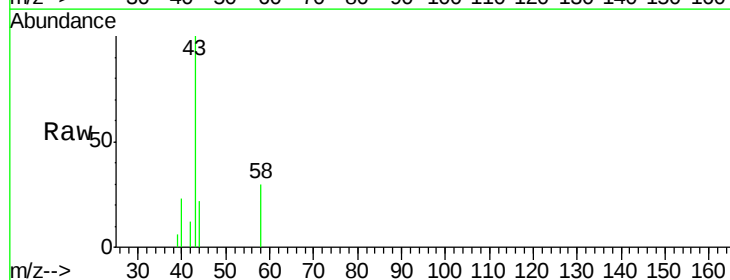
Acq: 17 Jan 2019 18:13

Tgt Ion: 43 Resp: 12696

Ion Ratio Lower Upper

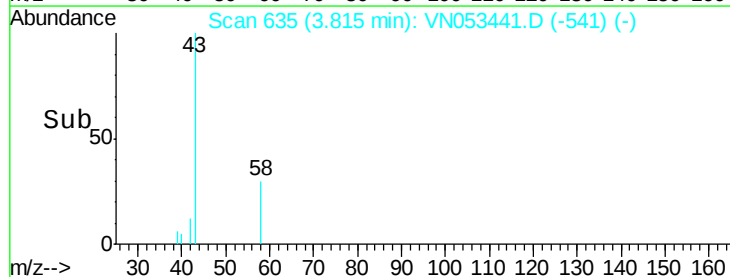
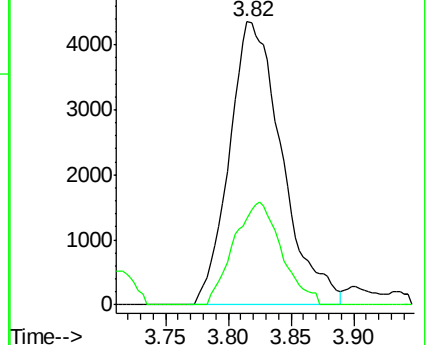
43 100

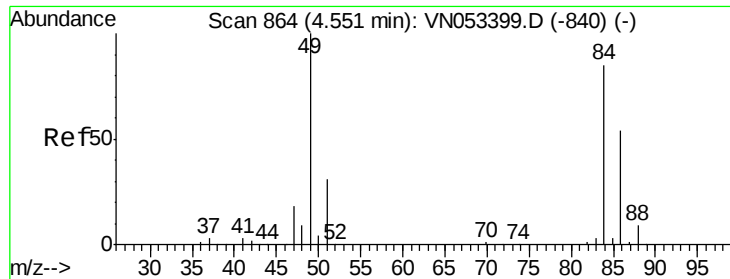
58 30.4 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

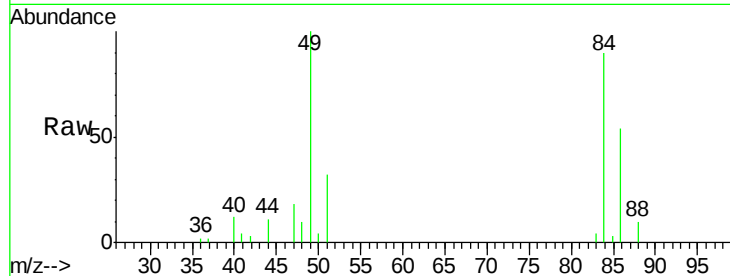




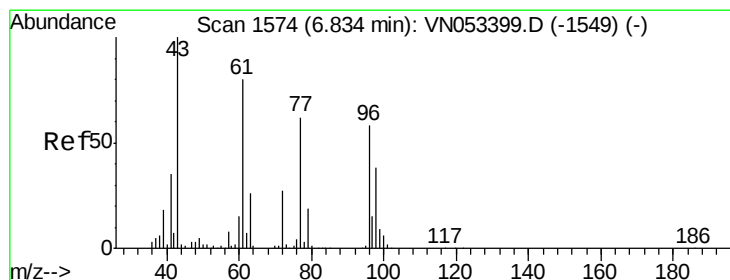
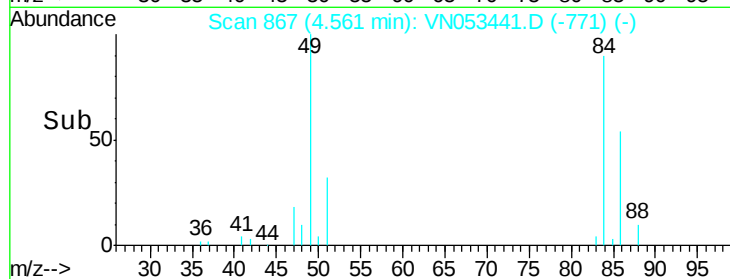
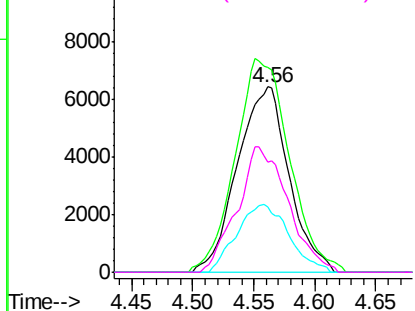
#20
Methvlene Chloride
Concen: 1.919 ug/l
RT: 4.56 min Scan# 867
Delta R.T. 0.01 min
Lab File: VN053441.D
Acq: 17 Jan 2019 18:13

Tot Ion: 84 Resp: 18889

Ion	Ratio	Lower	Upper
84	100		
49	111.0	94.3	141.5
51	35.0	29.4	44.2
86	59.8	51.4	77.0



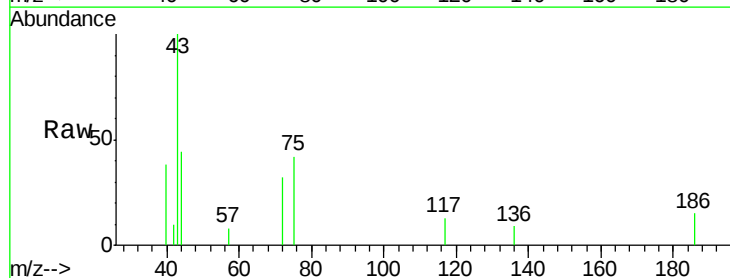
Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC



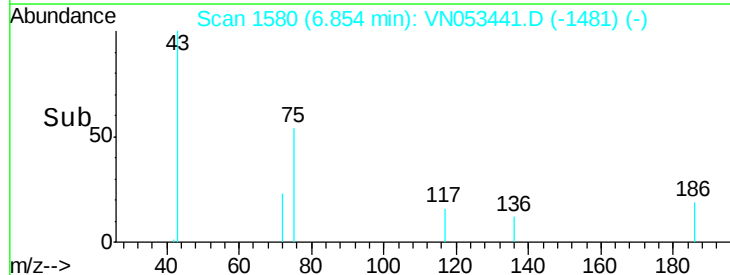
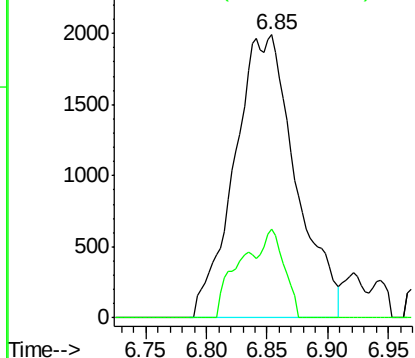
#25
2-Butanone
Concen: 2.104 ug/l m
RT: 6.85 min Scan# 1580
Delta R.T. 0.02 min
Lab File: VN053441.D
Acq: 17 Jan 2019 18:13

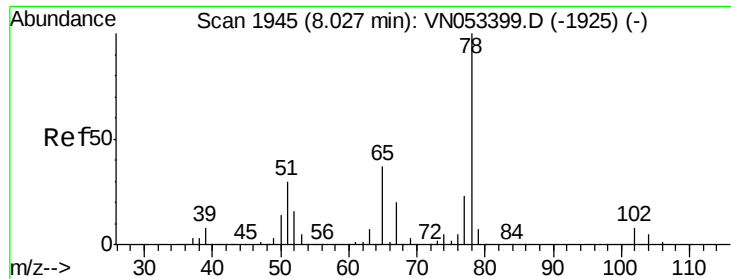
Tgt Ion: 43 Resp: 6991

Ion	Ratio	Lower	Upper
43	100		
72	31.6	22.0	33.0



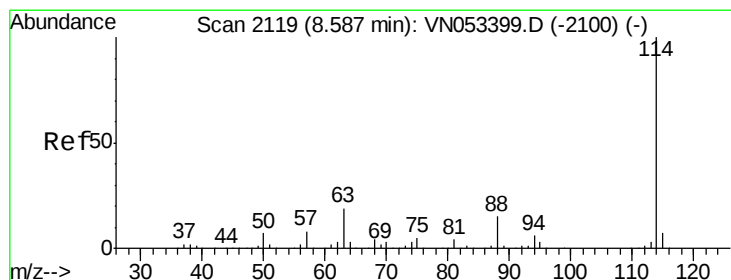
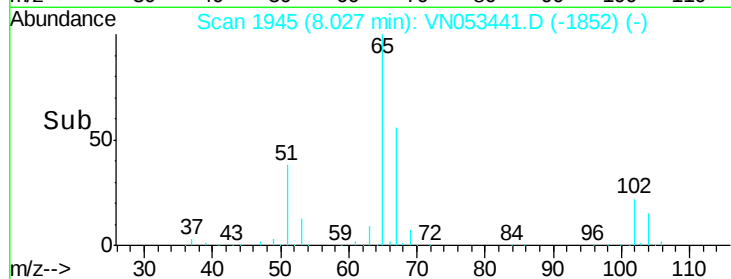
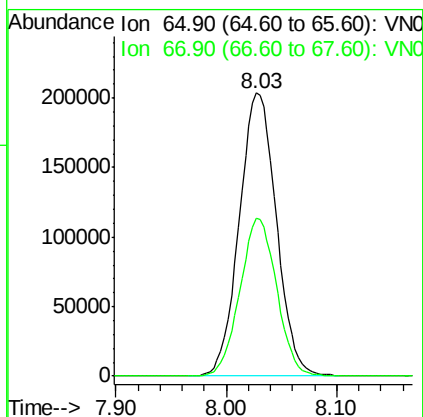
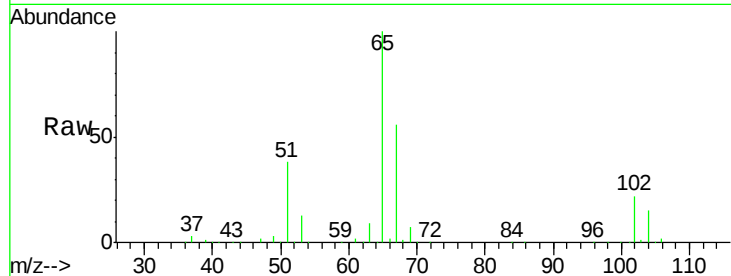
Abundance Ion 43.00 (42.70 to 43.70): VNC
Ion 72.00 (71.70 to 72.70): VNC





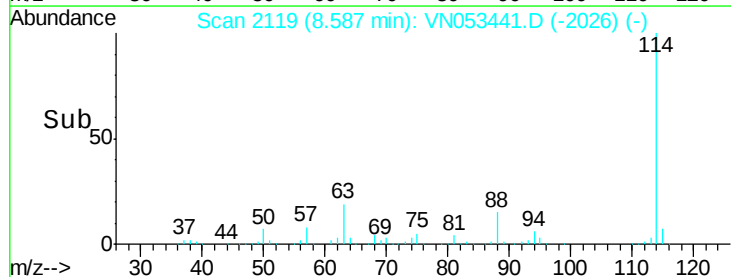
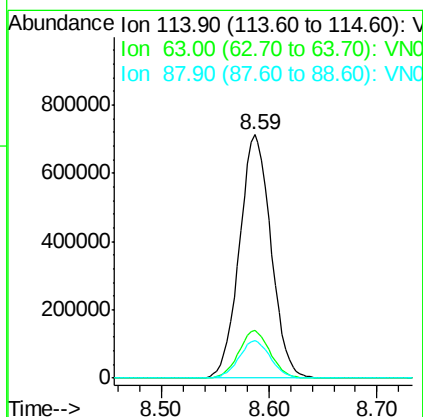
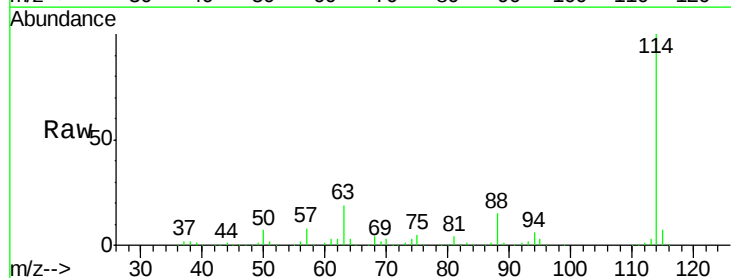
#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053441.D
 Acq: 17 Jan 2019 18:13

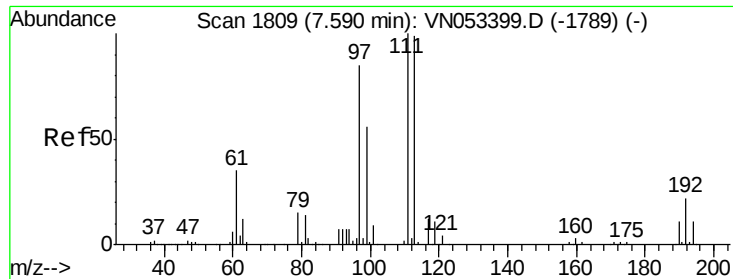
Tot Ion: 65 Resp: 475241
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053441.D
 Acq: 17 Jan 2019 18:13

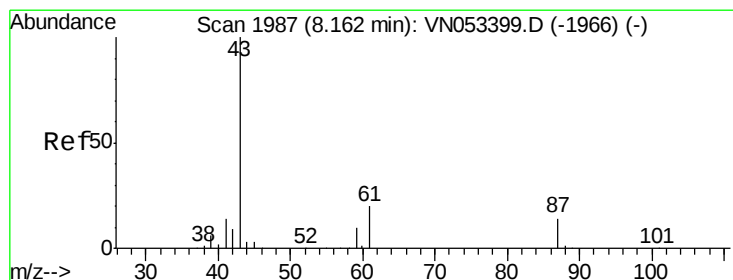
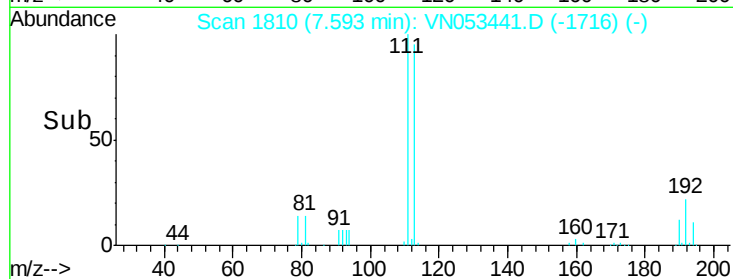
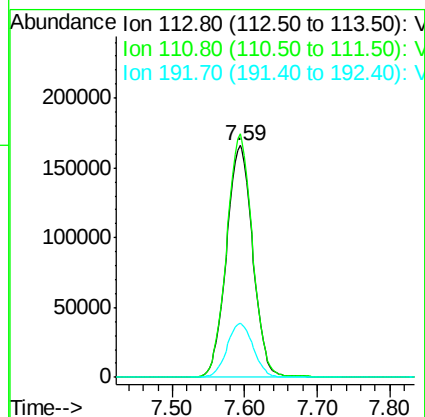
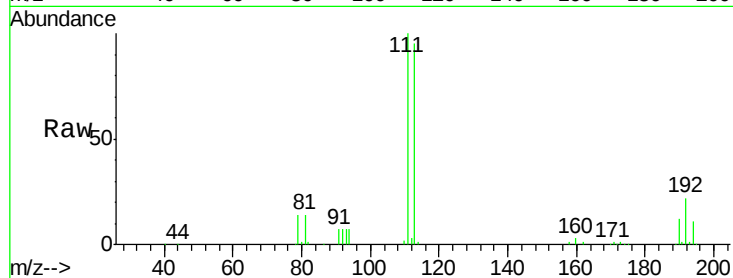
Tgt Ion: 114 Resp: 1450217
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.3 0.0 30.4





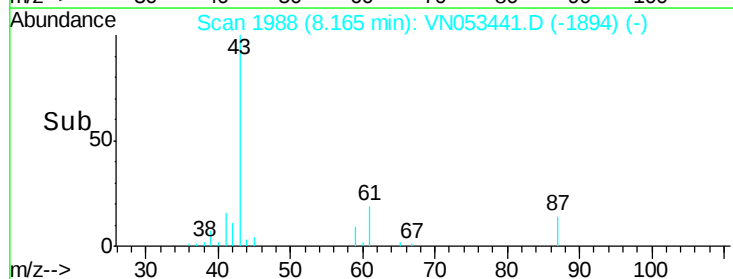
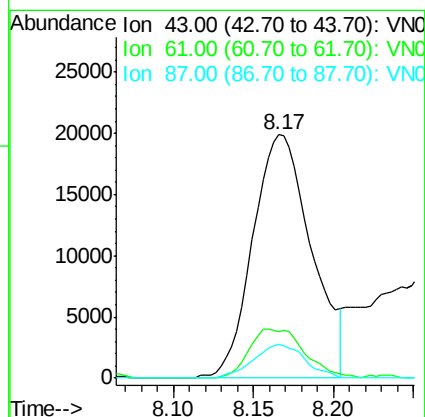
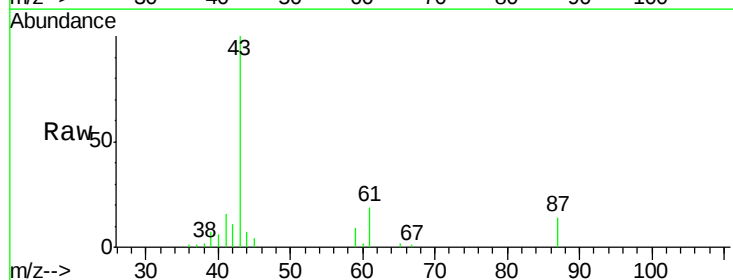
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053441.D
 Acq: 17 Jan 2019 18:13

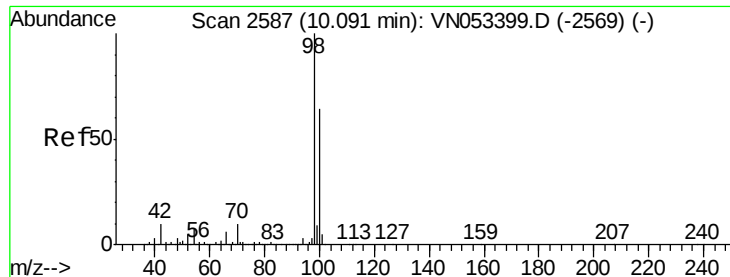
Tot Ion:113 Resp: 419649
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.1 121.7
 192 23.1 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 3.679 ug/l
 RT: 8.17 min Scan# 1988
 Delta R.T. 0.00 min
 Lab File: VN053441.D
 Acq: 17 Jan 2019 18:13

Tgt Ion: 43 Resp: 50267
 Ion Ratio Lower Upper
 43 100
 61 19.1 23.9 35.9#
 87 12.0 11.0 16.6





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053441.D

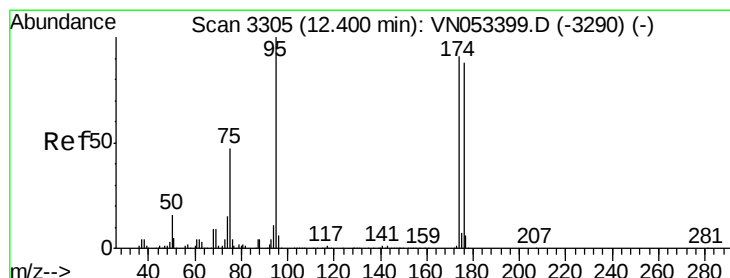
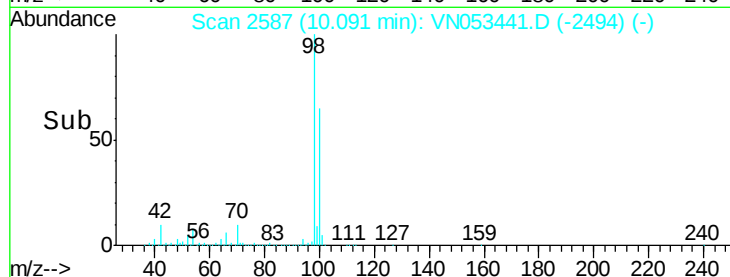
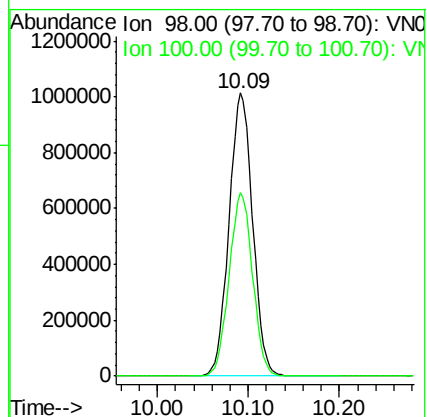
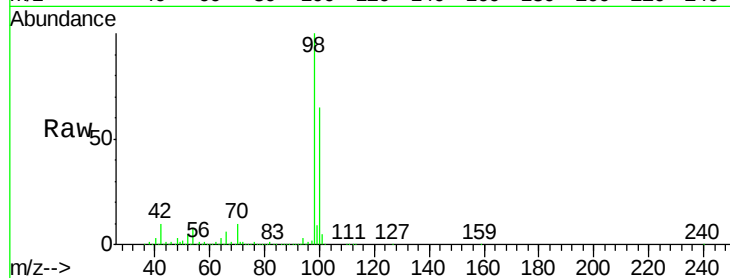
Acq: 17 Jan 2019 18:13

Tot Ion: 98 Resp: 1822573

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053441.D

Acq: 17 Jan 2019 18:13

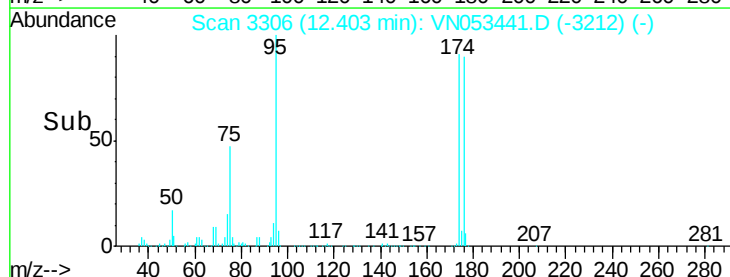
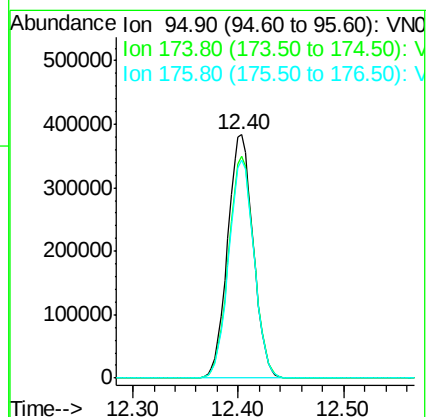
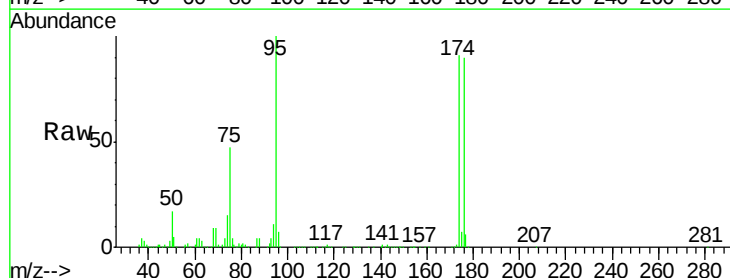
Tgt Ion: 95 Resp: 640166

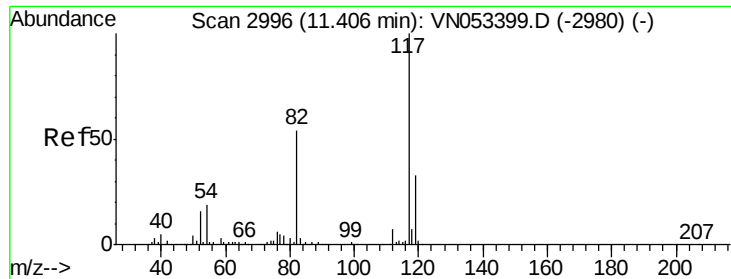
Ion Ratio Lower Upper

95 100

174 90.9 0.0 183.2

176 88.9 0.0 177.4

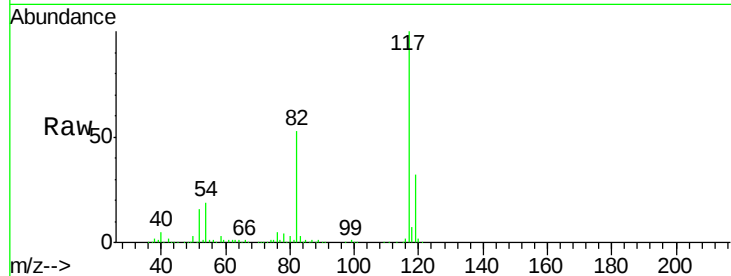




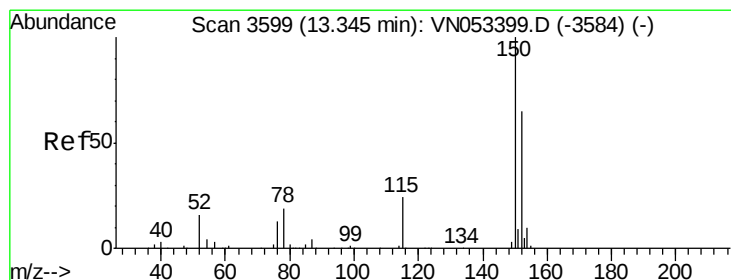
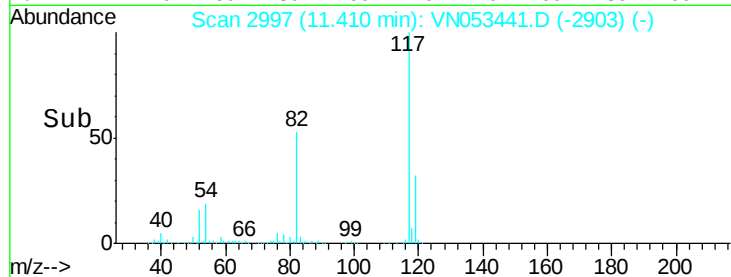
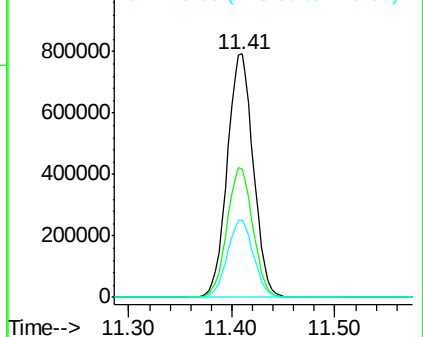
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053441.D
Acq: 17 Jan 2019 18:13

Tot Ion:117 Resp: 1391883

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	31.7	26.0	39.0



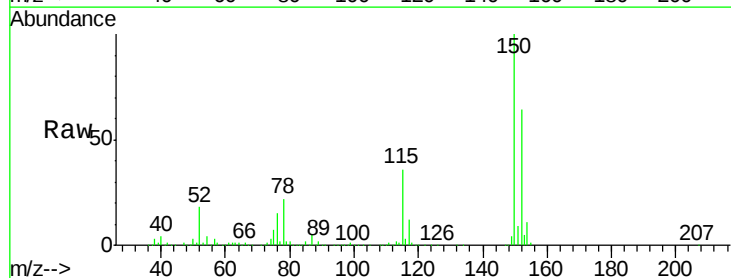
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053441.D
Acq: 17 Jan 2019 18:13

Tgt Ion:152 Resp: 616914

Ion	Ratio	Lower	Upper
152	100		
115	56.2	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

