

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011719\
 Data File : VN053444.D
 Acq On : 17 Jan 2019 19:33
 Operator : JC/SP
 Sample : PB116439ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

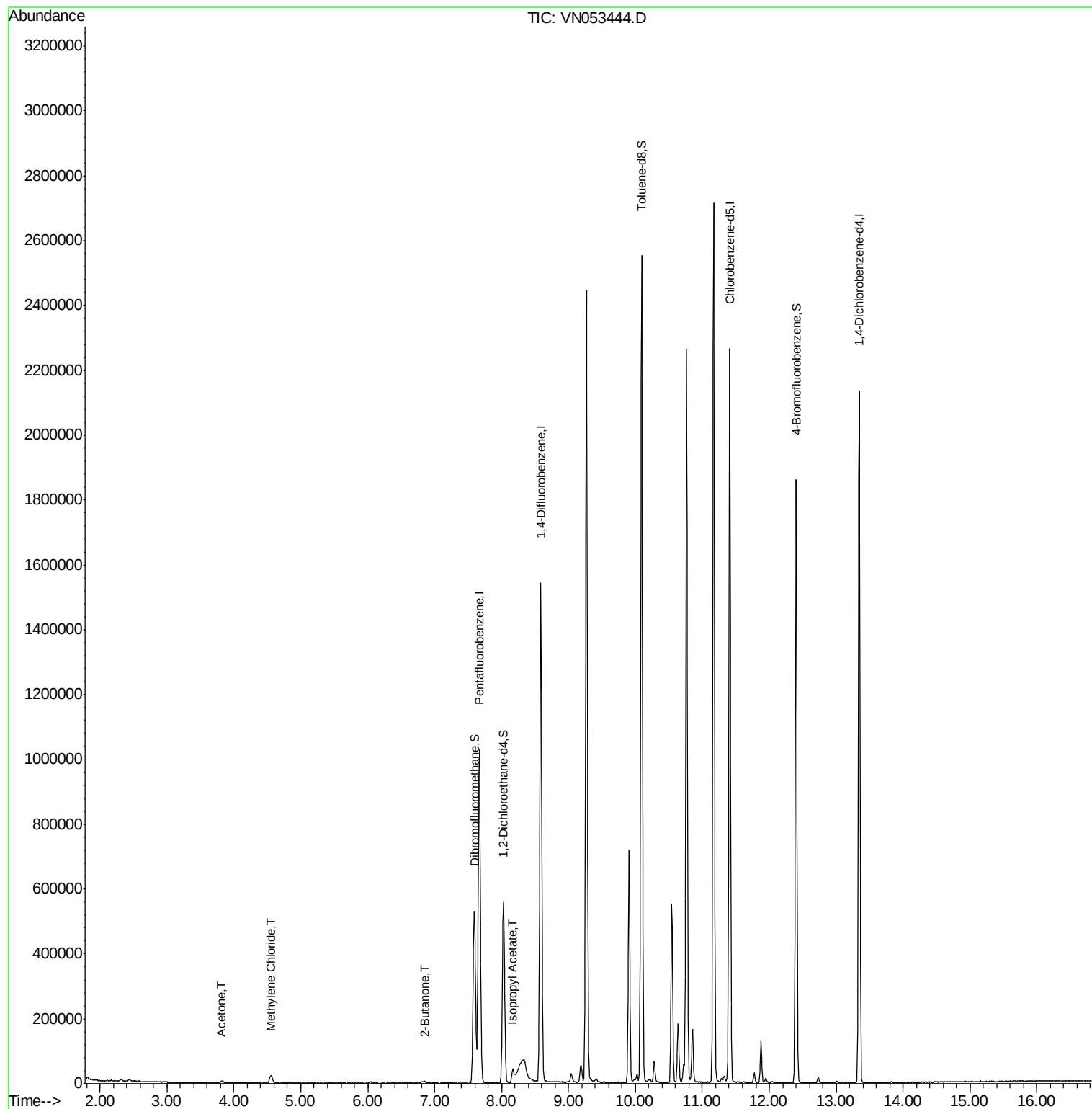
Quant Time: Jan 18 01:01:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

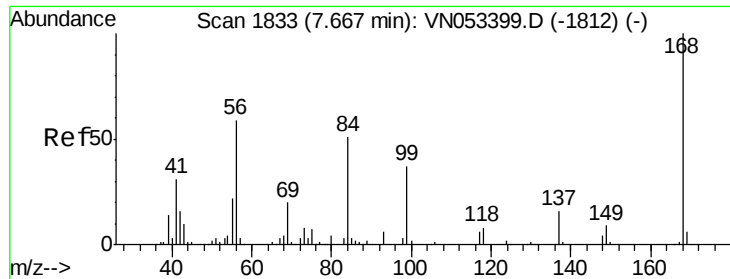
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	913710	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1432188	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1377175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	614203	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	466938	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
35) Dibromofluoromethane	7.59	113	409813	50.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.28%	
50) Toluene-d8	10.09	98	1795684	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	12.40	95	633076	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
Target Compounds						
16) Acetone	3.82	43	12722	6.004	ug/l	91
20) Methylene Chloride	4.56	84	19449	2.010	ug/l	98
25) 2-Butanone	6.85	43	6945	2.127	ug/l	99
43) Isopropyl Acetate	8.17	43	53996	4.002	ug/l #	83

(#) = 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: VN053444.D

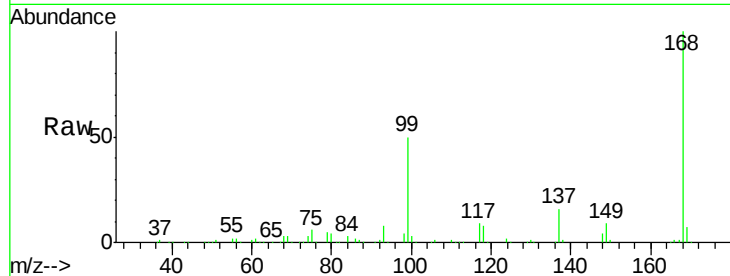
Acq: 17 Jan 2019 19:33

Tot Ion:168 Resp: 913710

Ion Ratio Lower Upper

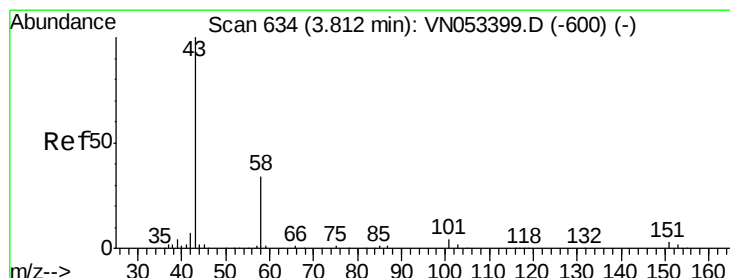
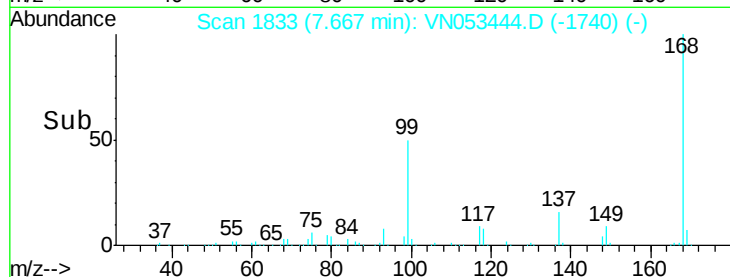
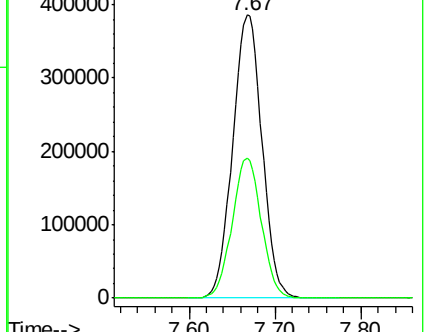
168 100

99 49.6 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: 6.004 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053444.D

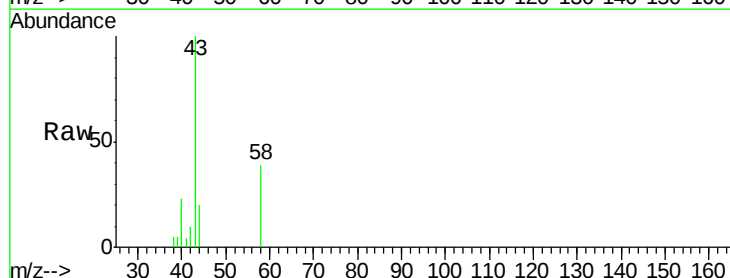
Acq: 17 Jan 2019 19:33

Tgt Ion: 43 Resp: 12722

Ion Ratio Lower Upper

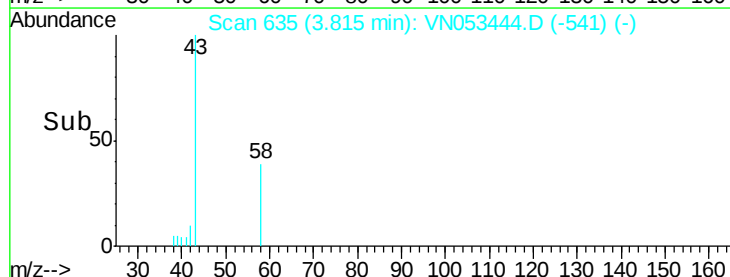
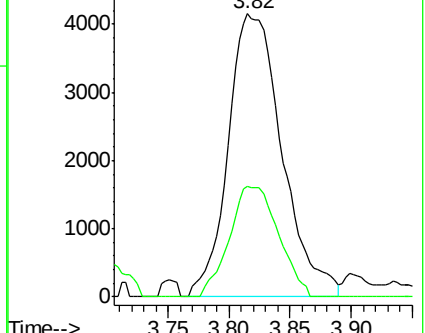
43 100

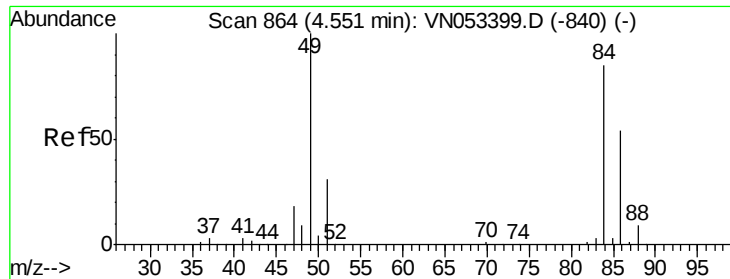
58 38.9 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

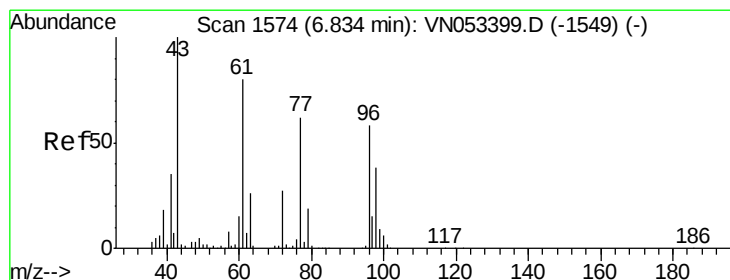
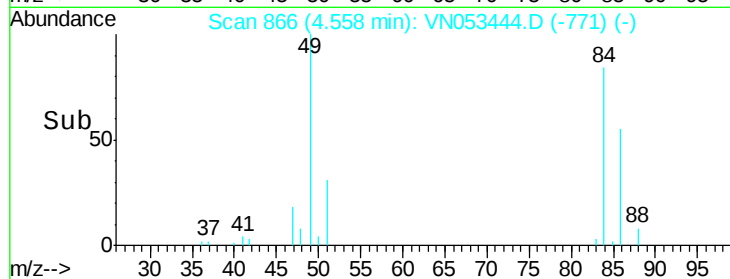
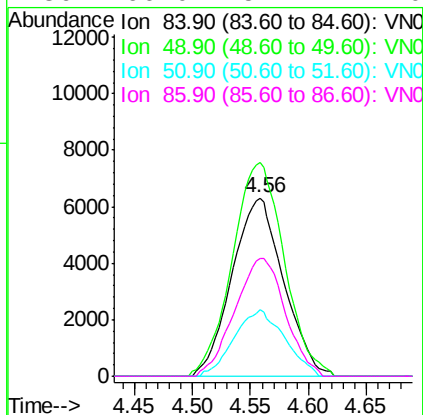
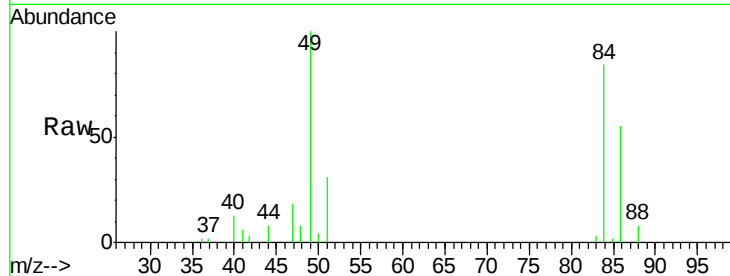




#20
Methvlene Chloride
Concen: 2.010 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053444.D
Acq: 17 Jan 2019 19:33

Tot Ion: 84 Resp: 19449

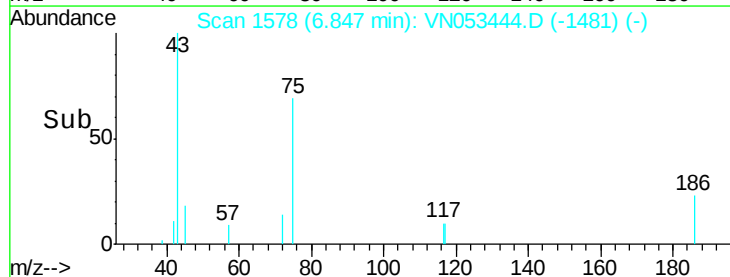
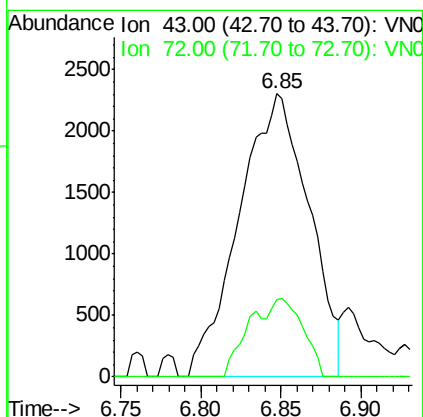
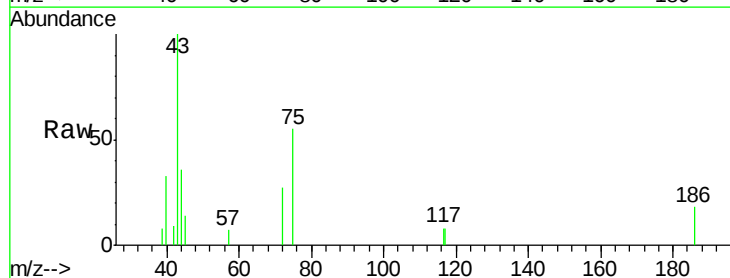
Ion	Ratio	Lower	Upper
84	100		
49	119.7	94.3	141.5
51	37.1	29.4	44.2
86	66.0	51.4	77.0

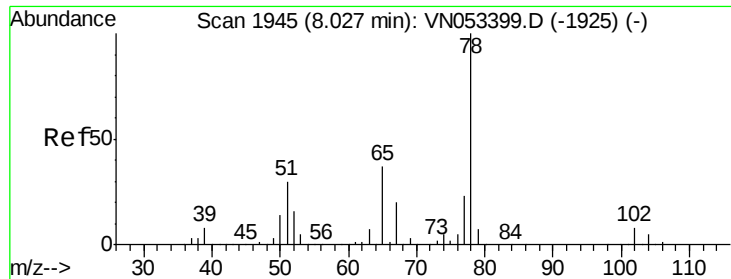


#25
2-Butanone
Concen: 2.127 ug/l
RT: 6.85 min Scan# 1578
Delta R.T. 0.01 min
Lab File: VN053444.D
Acq: 17 Jan 2019 19:33

Tgt Ion: 43 Resp: 6945

Ion	Ratio	Lower	Upper
43	100		
72	27.2	22.0	33.0





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053444.D

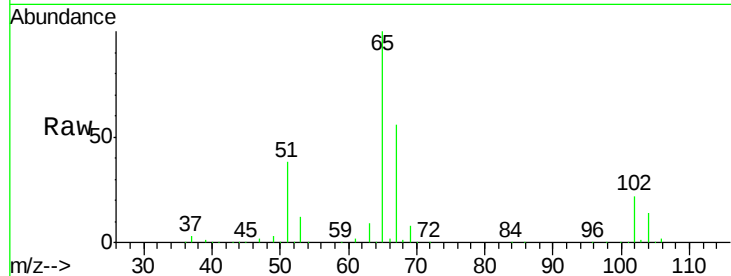
Acq: 17 Jan 2019 19:33

Tot Ion: 65 Resp: 466938

Ion Ratio Lower Upper

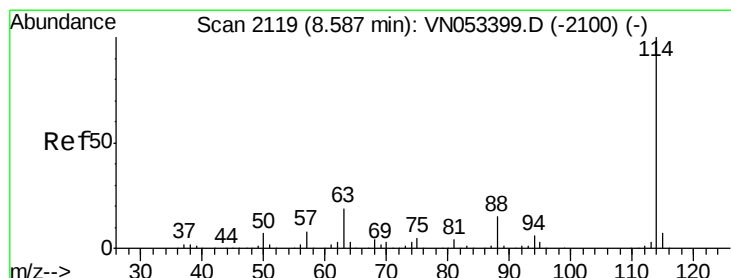
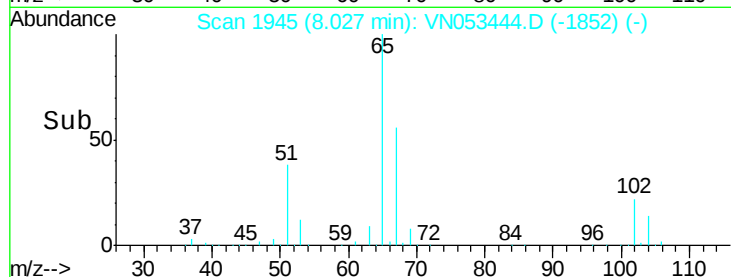
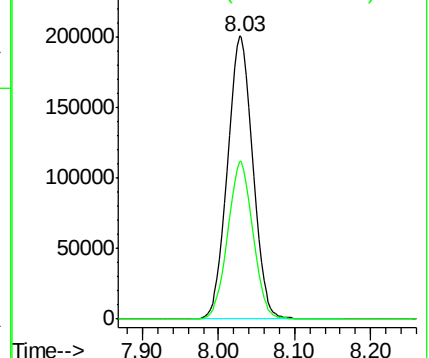
65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053444.D

Acq: 17 Jan 2019 19:33

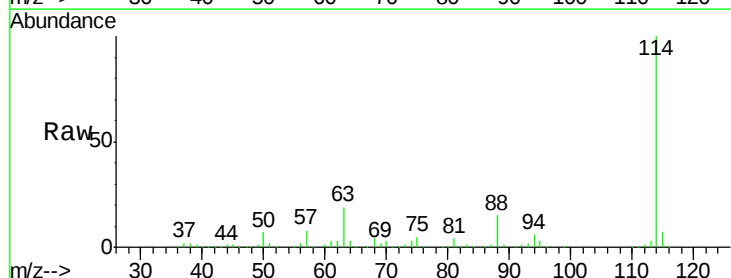
Tgt Ion: 114 Resp: 1432188

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.6

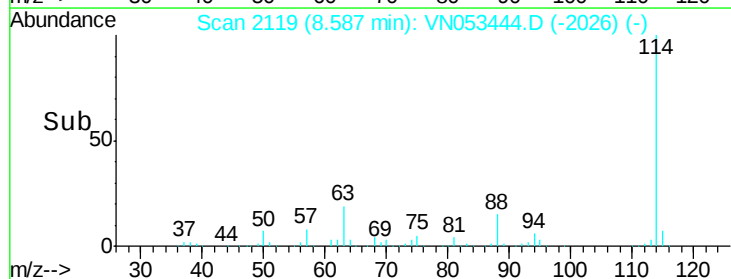
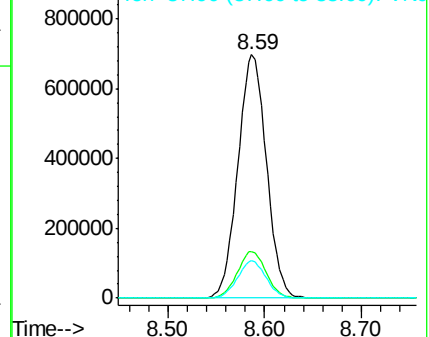
88 15.2 0.0 30.4

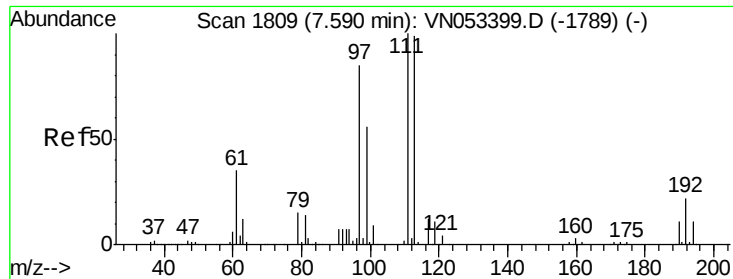


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

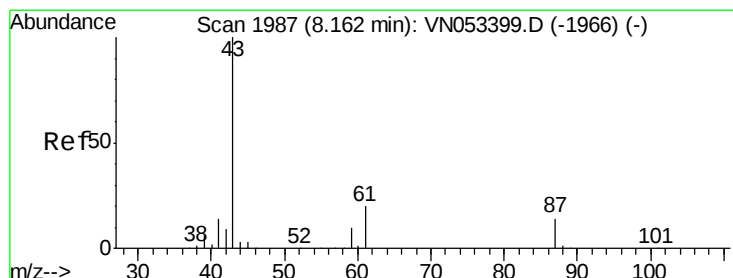
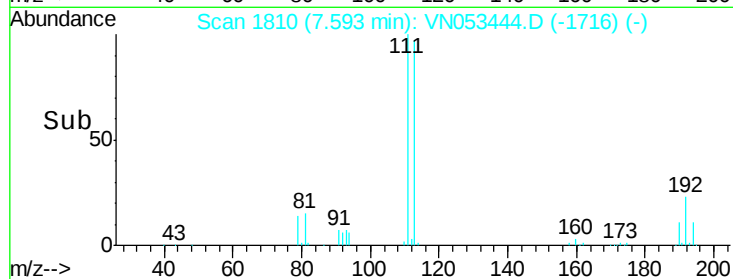
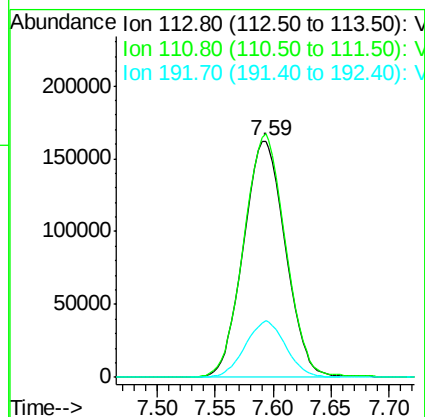
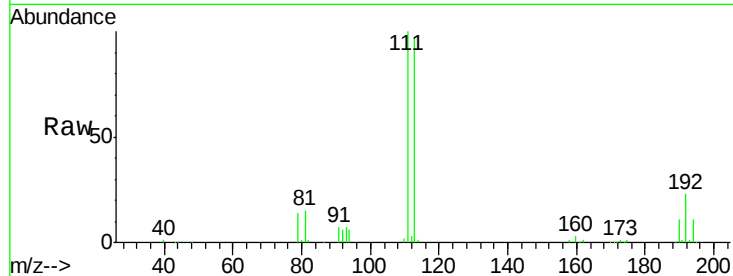
Ion 87.90 (87.60 to 88.60): VN0





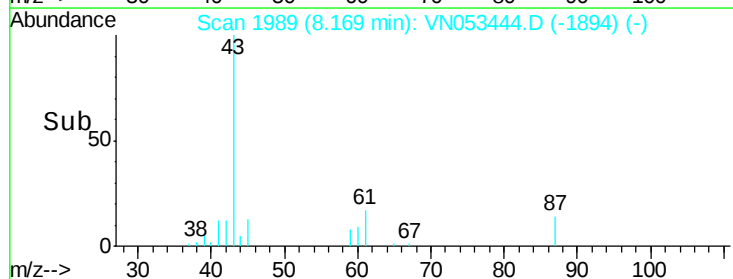
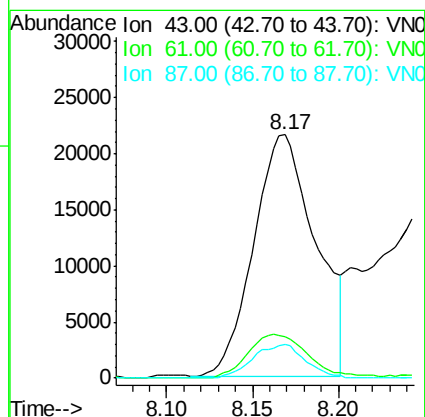
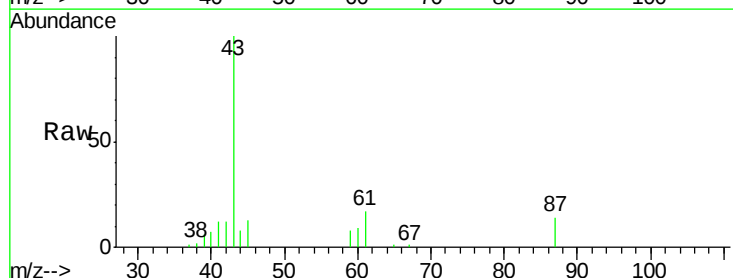
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053444.D
 Acq: 17 Jan 2019 19:33

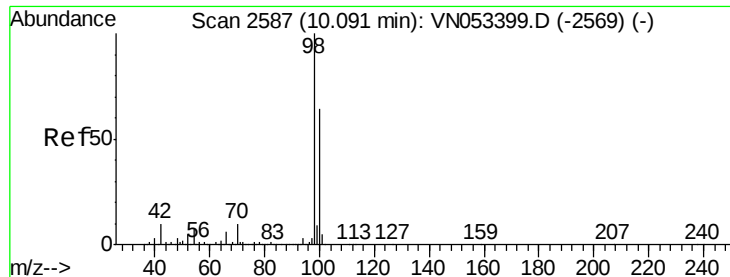
Tot Ion:113 Resp: 409813
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 23.0 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 4.002 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053444.D
 Acq: 17 Jan 2019 19:33

Tgt Ion: 43 Resp: 53996
 Ion Ratio Lower Upper
 43 100
 61 17.6 23.9 35.9#
 87 11.7 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: VN053444.D

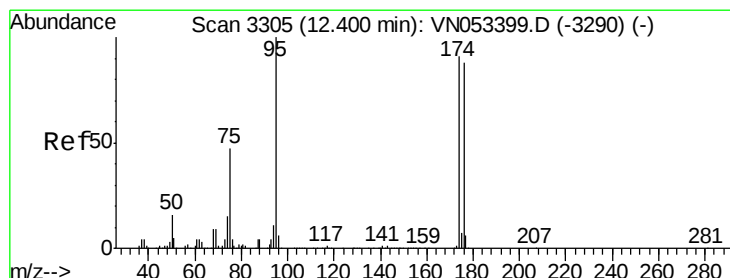
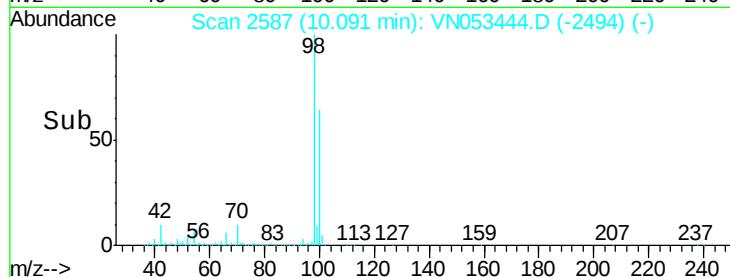
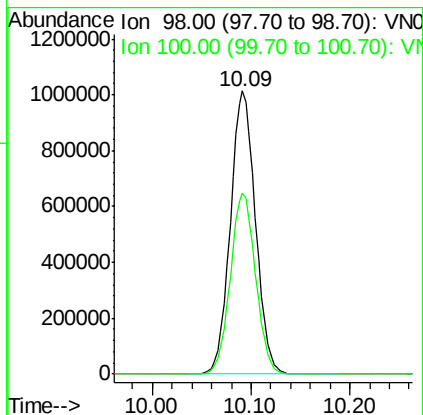
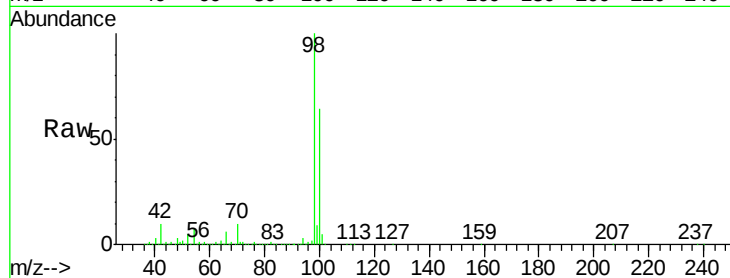
Acq: 17 Jan 2019 19:33

Tot Ion: 98 Resp: 1795684

Ion Ratio Lower Upper

98 100

100 64.3 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: VN053444.D

Acq: 17 Jan 2019 19:33

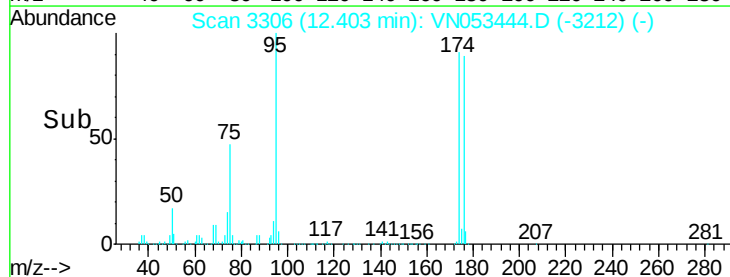
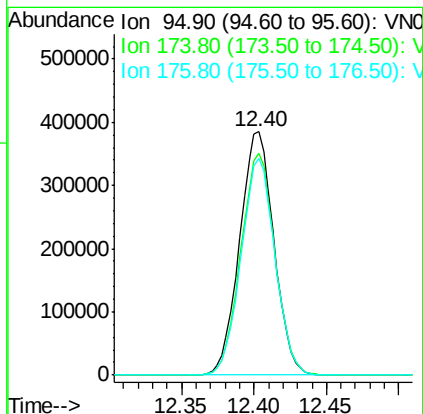
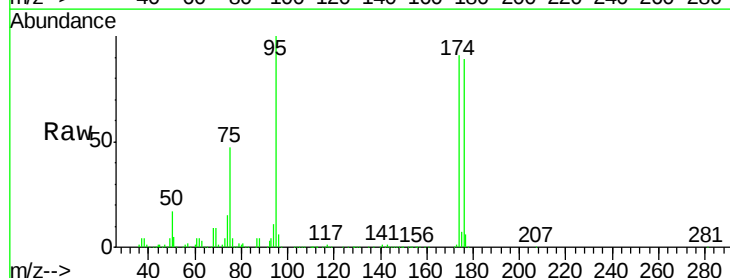
Tgt Ion: 95 Resp: 633076

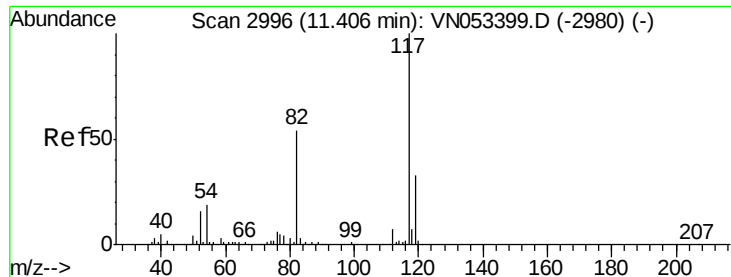
Ion Ratio Lower Upper

95 100

174 90.8 0.0 183.2

176 88.1 0.0 177.4

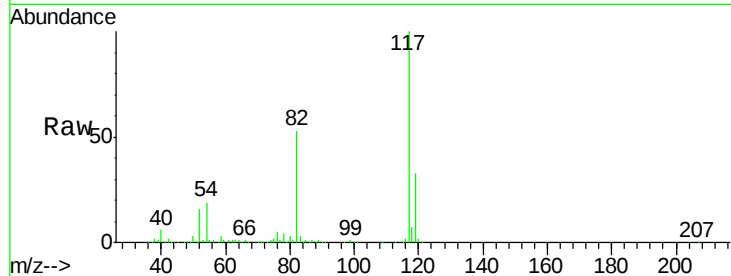




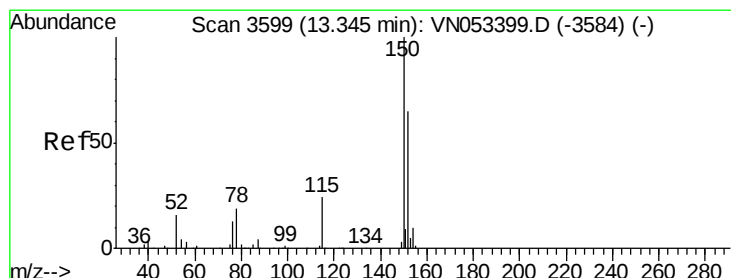
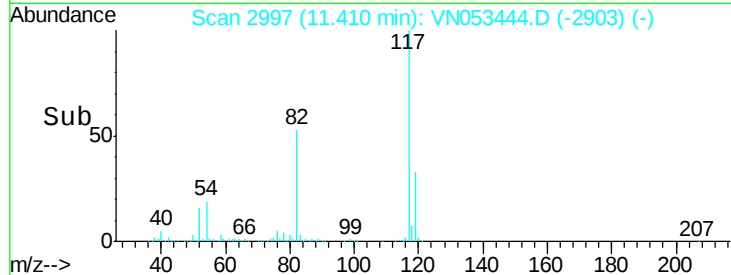
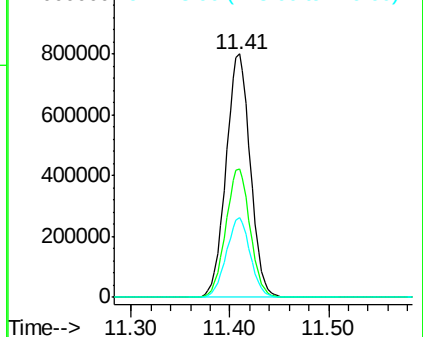
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053444.D
Acq: 17 Jan 2019 19:33

Tot Ion:117 Resp: 1377175

Ion	Ratio	Lower	Upper
117	100		
82	52.9	42.9	64.3
119	32.7	26.0	39.0



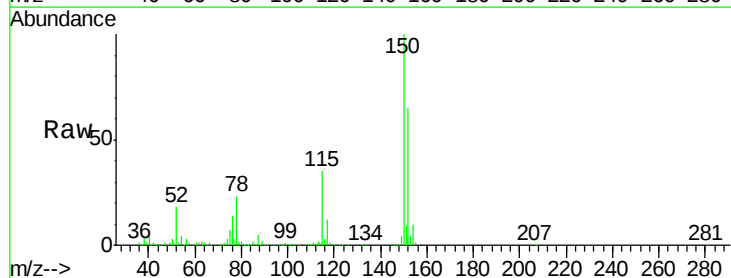
Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053444.D
Acq: 17 Jan 2019 19:33

Tgt Ion:152 Resp: 614203

Ion	Ratio	Lower	Upper
152	100		
115	55.2	27.8	83.4
150	154.6	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

