

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053359.D
 Acq On : 11 Jan 2019 12:02
 Operator : JC/SP
 Sample : PB116316ZHE#02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

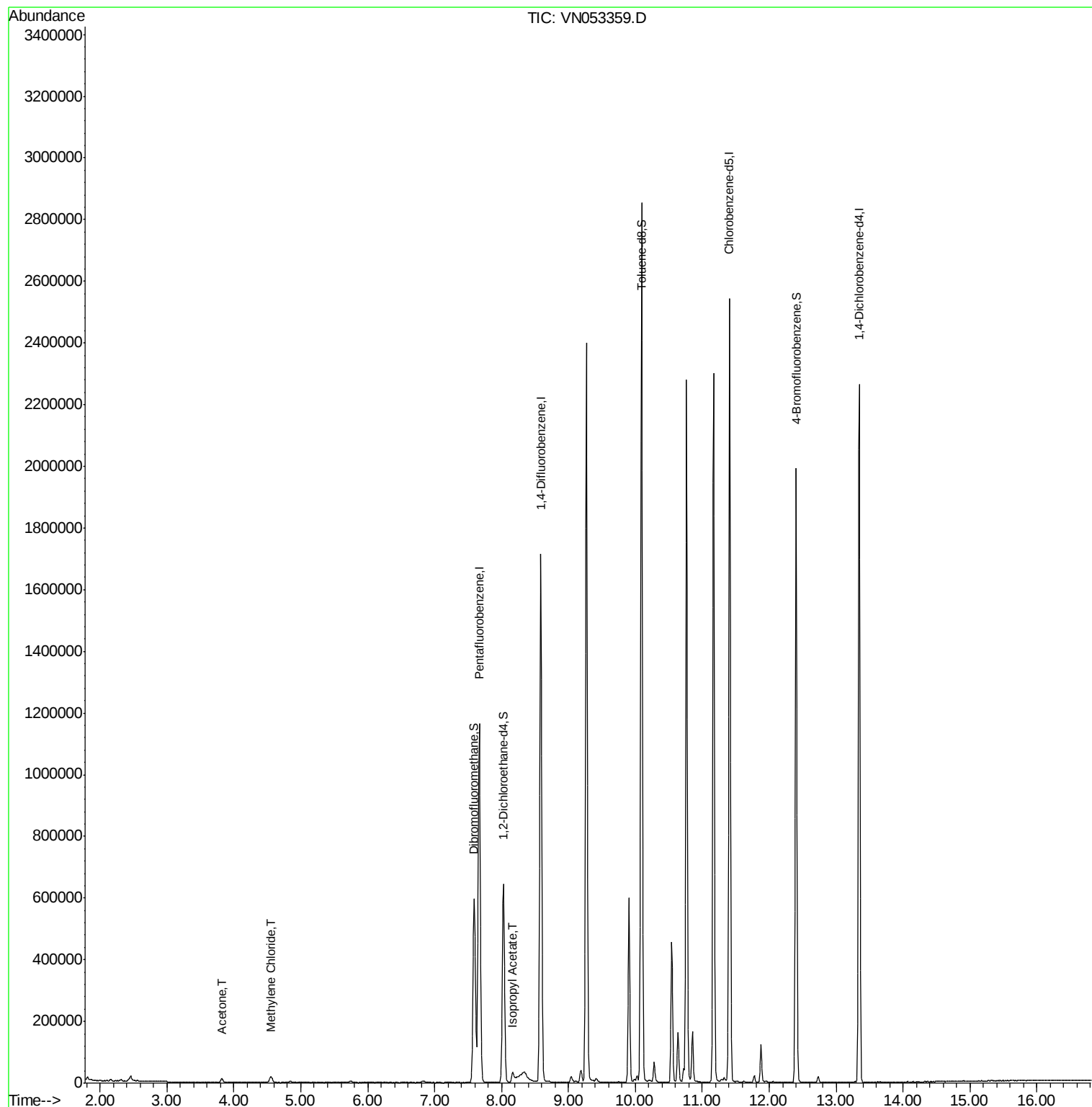
Quant Time: Jan 12 01:12:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

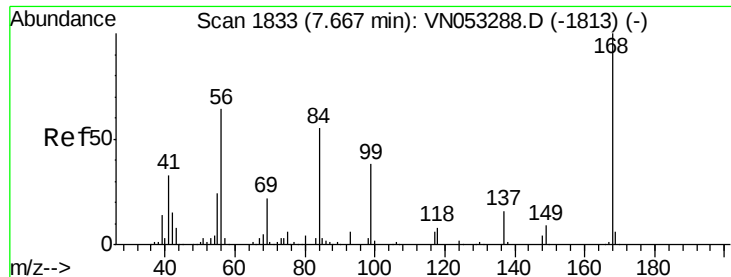
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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1) Pentafluorobenzene	7.67	168	1037954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1621661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1524371	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	530212	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
35) Dibromofluoromethane	7.59	113	466258	50.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.02%	
50) Toluene-d8	10.09	98	2009328	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
62) 4-Bromofluorobenzene	12.40	95	698843	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
Target Compounds					Qvalue	
16) Acetone	3.82	43	20609	5.746	ug/l	92
20) Methylene Chloride	4.55	84	15469	1.334	ug/l	93
43) Isopropyl Acetate	8.16	43	46995	2.423	ug/l #	83
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(#) = 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: VN053359.D

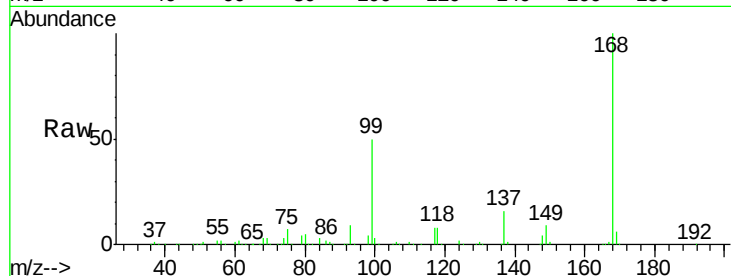
Acq: 11 Jan 2019 12:02

Tot Ion:168 Resp: 1037954

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053359.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053359.D (-1740) (-)

7.67

400000

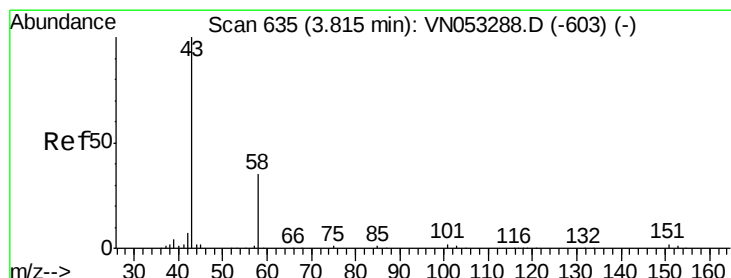
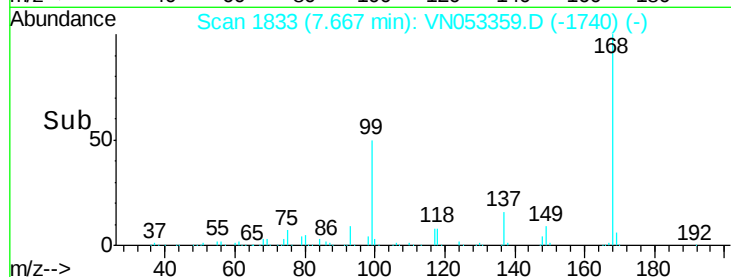
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.746 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053359.D

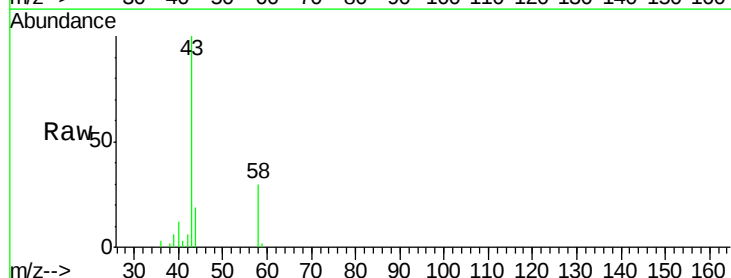
Acq: 11 Jan 2019 12:02

Tgt Ion: 43 Resp: 20609

Ion Ratio Lower Upper

43 100

58 30.2 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053359.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053359.D (-541) (-)

3.82

8000

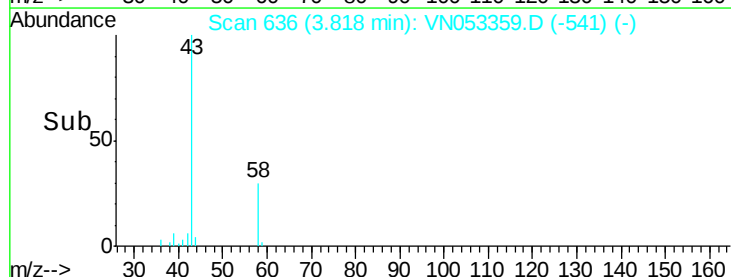
6000

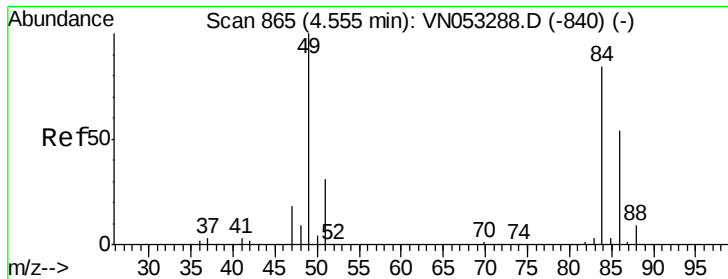
4000

2000

0

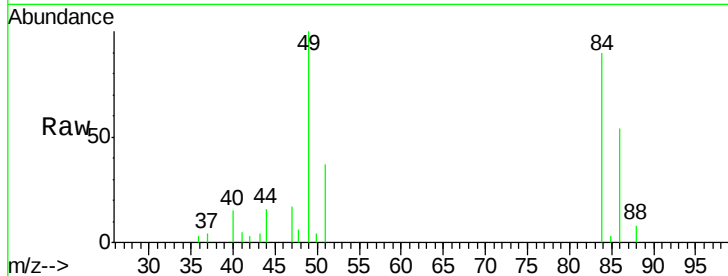
Time-->



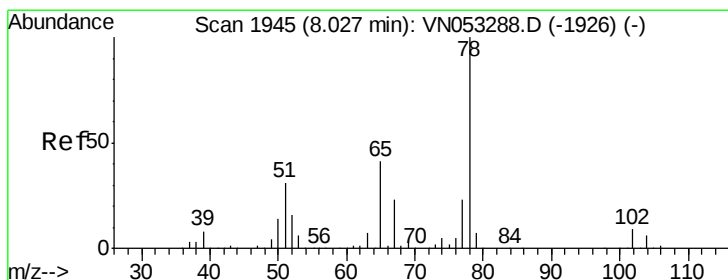
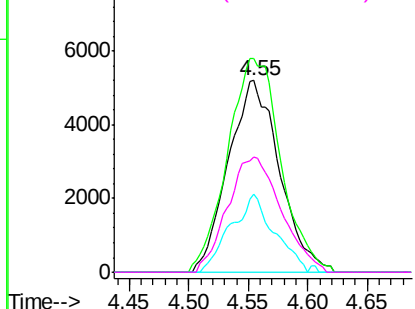
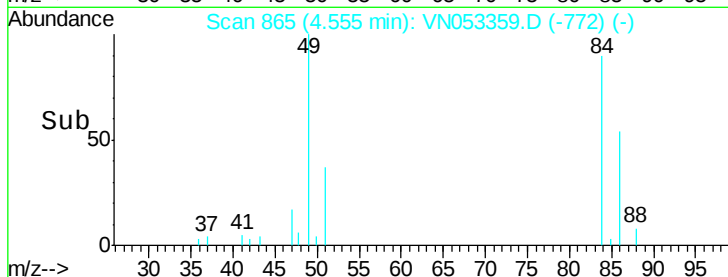


#20
Methvlene Chloride
Concen: 1.334 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053359.D
Acq: 11 Jan 2019 12:02

Tot Ion: 84 Resp: 15469
Ion Ratio Lower Upper
84 100
49 111.3 95.3 142.9
51 40.7 29.0 43.6
86 60.1 51.7 77.5

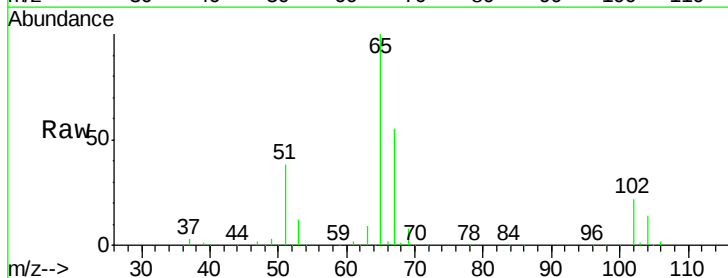


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

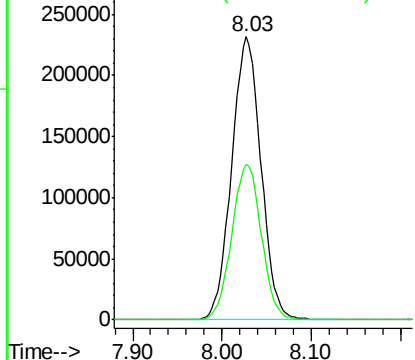
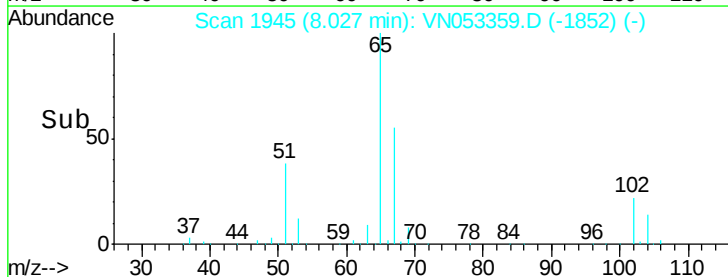


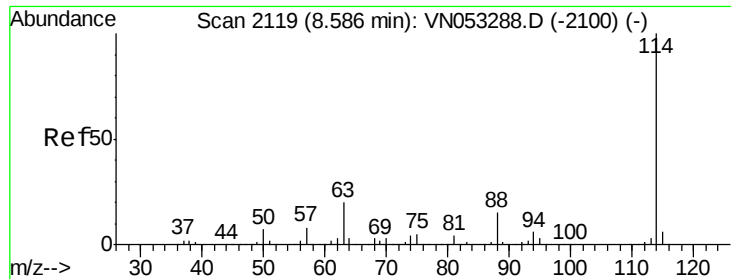
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053359.D
Acq: 11 Jan 2019 12:02

Tgt Ion: 65 Resp: 530212
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VNO
Ion 66.90 (66.60 to 67.60): VNO

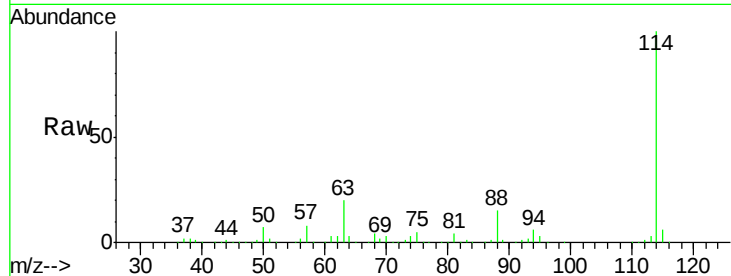




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053359.D
 Acq: 11 Jan 2019 12:02

Tot Ion:114 Resp: 1621661

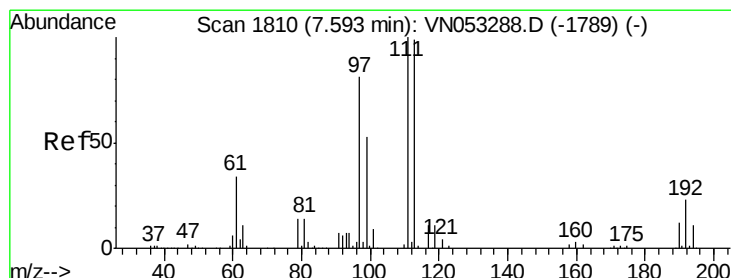
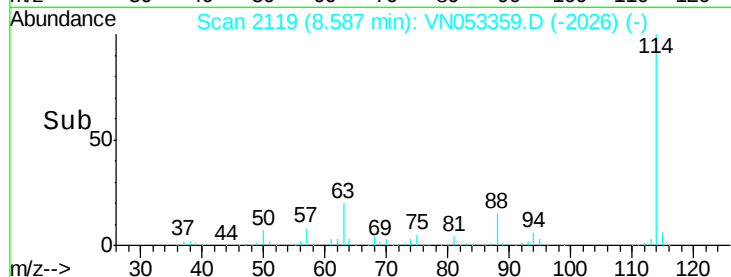
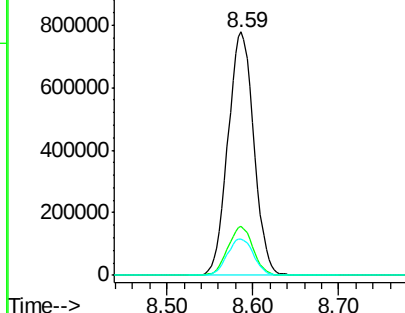
Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.0
88	15.0	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

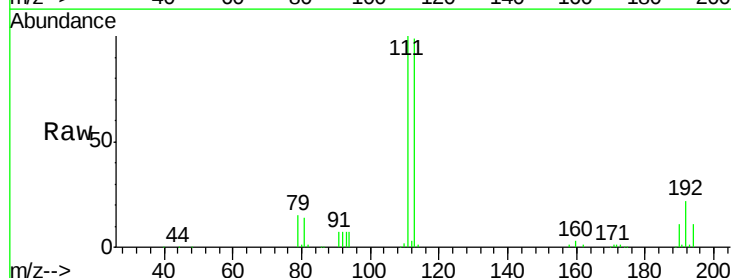
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053359.D
 Acq: 11 Jan 2019 12:02

Tgt Ion:113 Resp: 466258

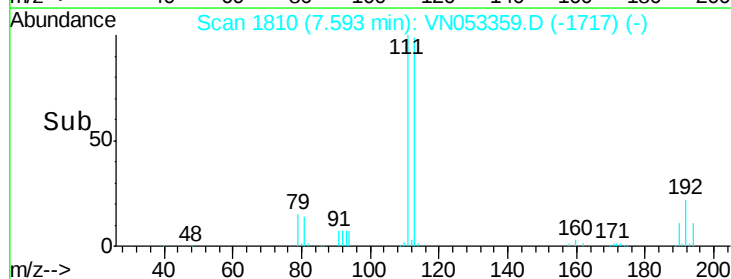
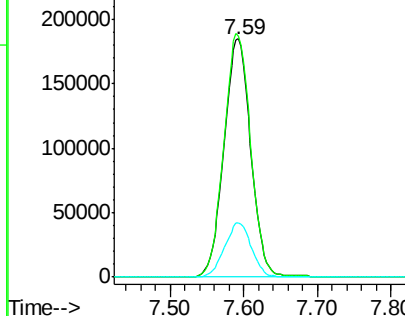
Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.4	122.2
192	22.7	17.9	26.9

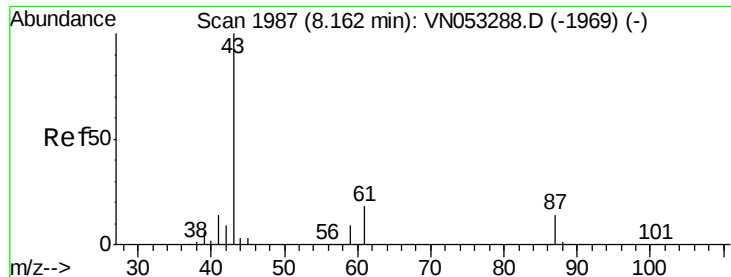


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.423 ug/l

RT: 8.16 min Scan# 1987

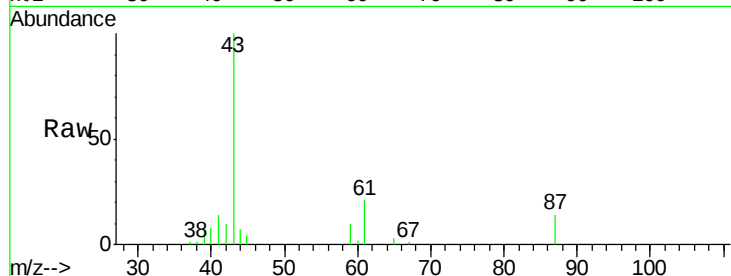
Delta R.T. 0.00 min

Lab File: VN053359.D

Acq: 11 Jan 2019 12:02

Tot Ion: 43 Resp: 46995

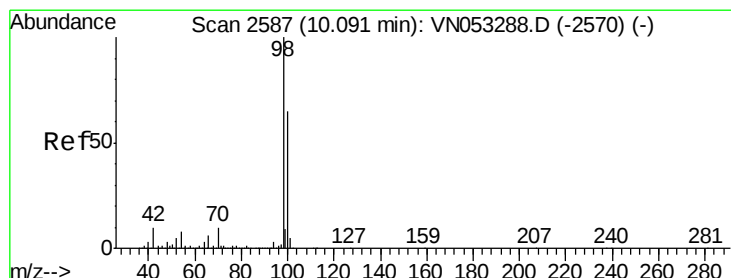
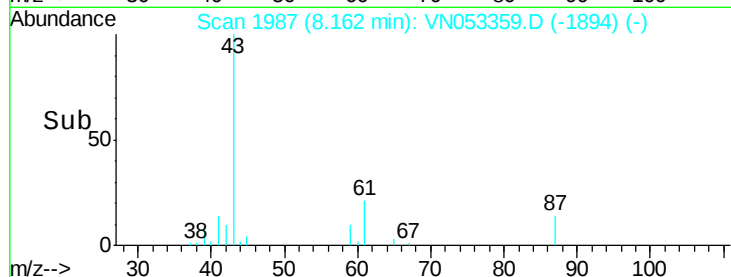
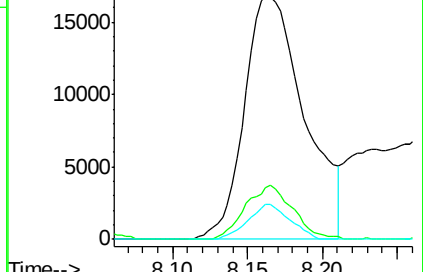
Ion	Ratio	Lower	Upper
43	100		
61	17.6	23.3	34.9#
87	10.0	10.8	16.2#



Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN053288.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN053288.D (-1969) (-)



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

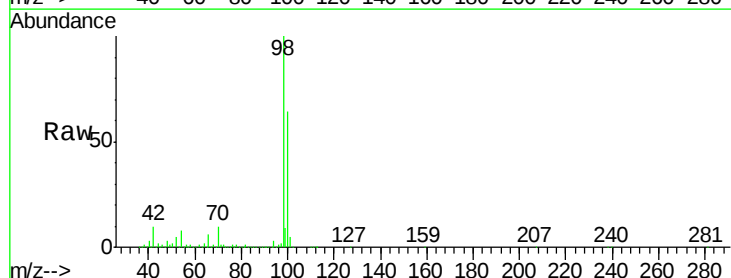
Delta R.T. 0.00 min

Lab File: VN053359.D

Acq: 11 Jan 2019 12:02

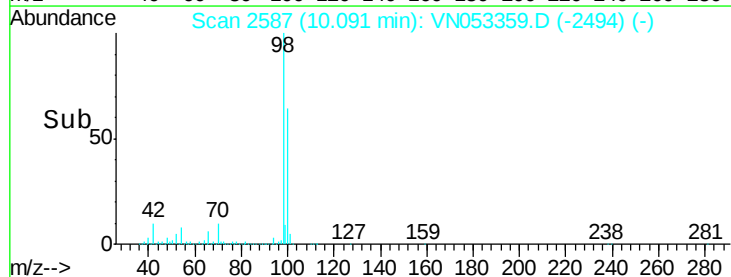
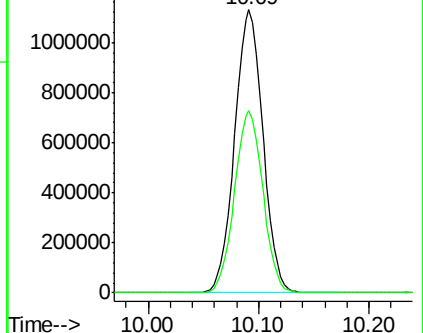
Tgt Ion: 98 Resp: 2009328

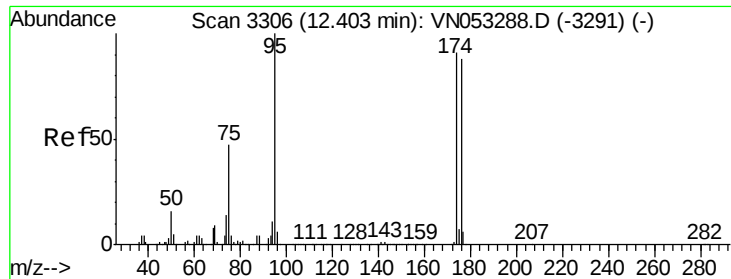
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)

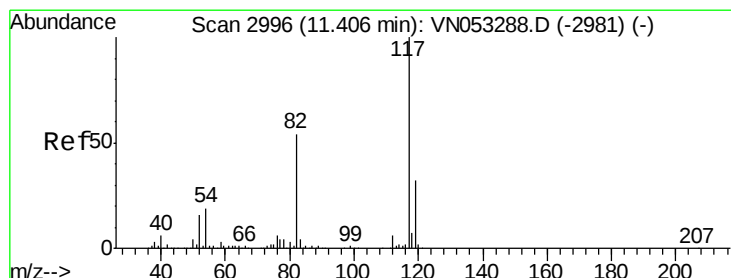
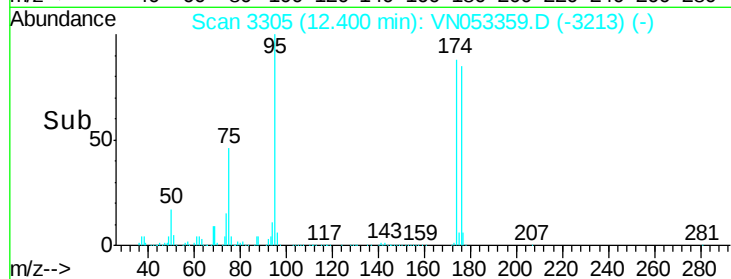
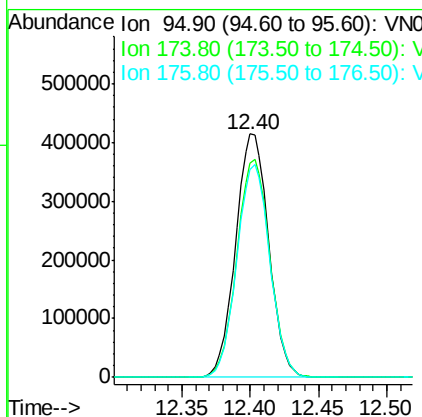
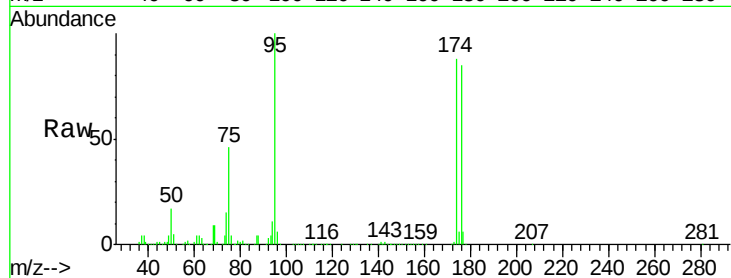
Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)





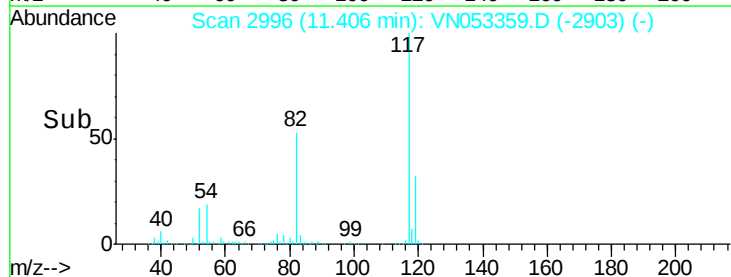
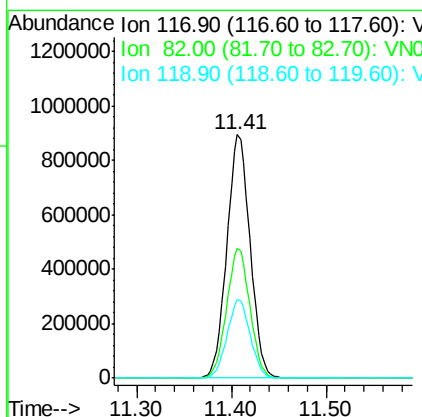
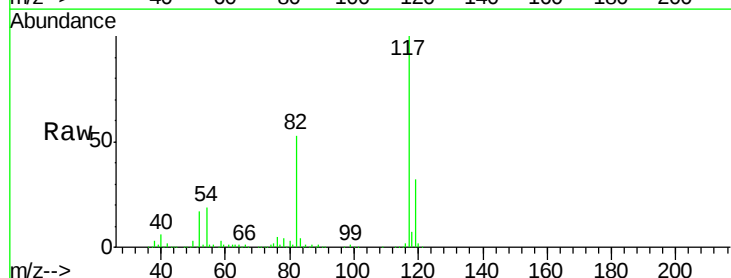
#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053359.D
 Acq: 11 Jan 2019 12:02

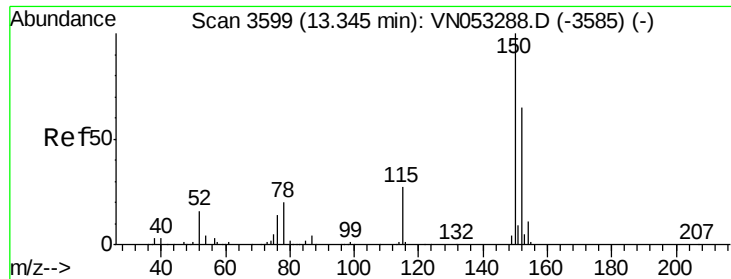
Tot Ion:	95	Resp:	698843
Ion	Ratio	Lower	Upper
95	100		
174	89.5	0.0	180.4
176	87.0	0.0	175.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN053359.D
 Acq: 11 Jan 2019 12:02

Tgt Ion:	117	Resp:	1524371
Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.9	64.3
119	32.1	25.6	38.4





#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053359.D
 Acq: 11 Jan 2019 12:02

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	28.0	84.0
150	158.6	0.0	346.6

