

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053364.D
 Acq On : 11 Jan 2019 14:16
 Operator : JC/SP
 Sample : PB116316ZHE#07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 28

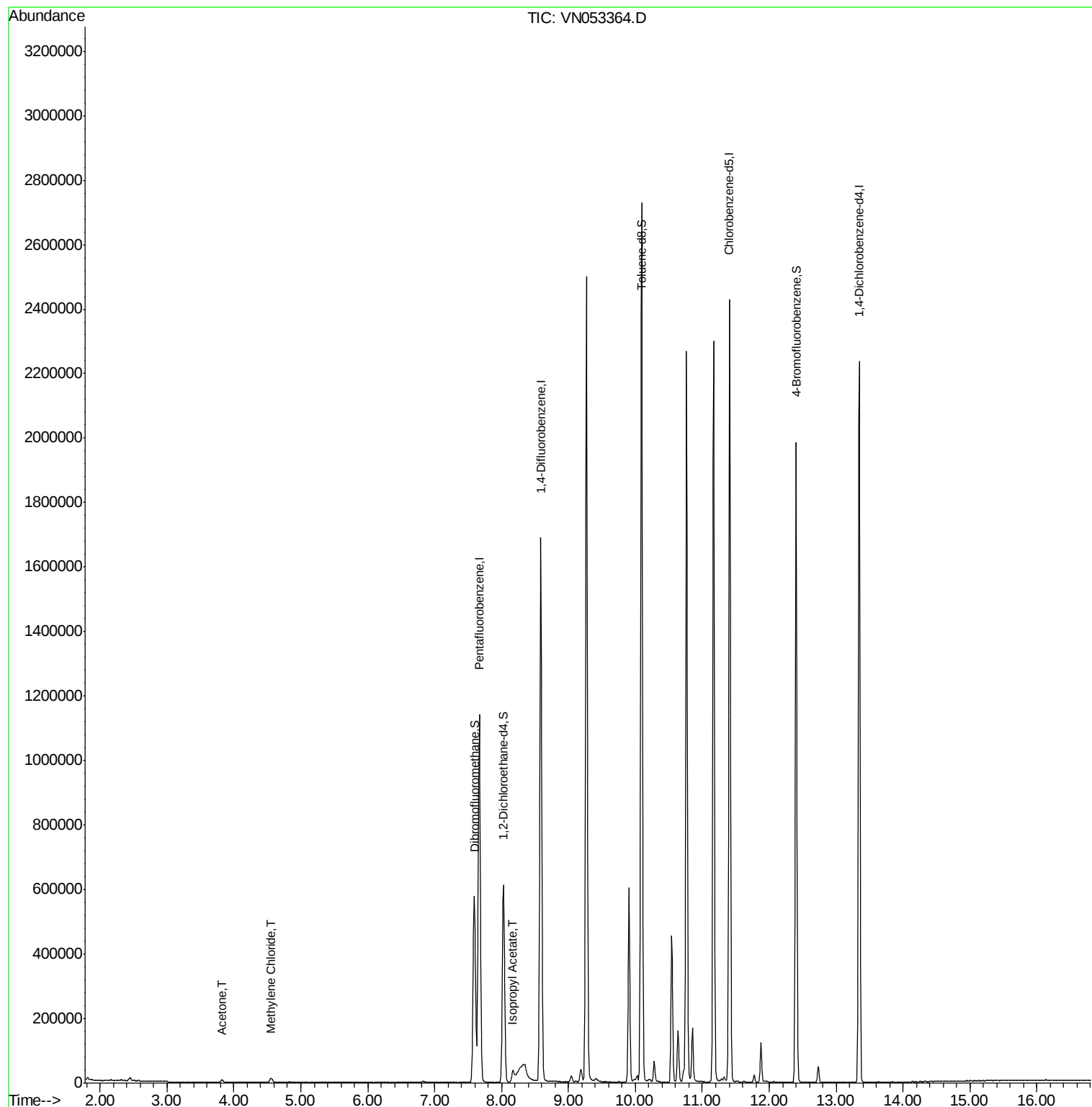
Quant Time: Jan 12 01:31:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

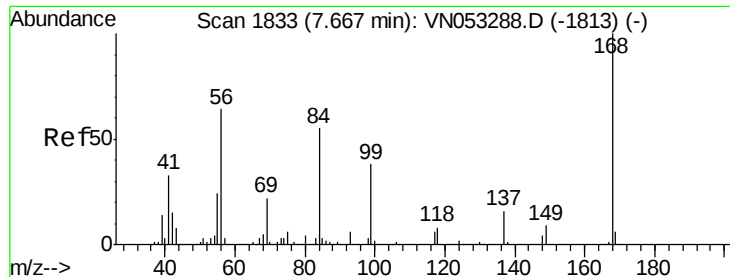
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1008714	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1573872	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1480215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	643815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	515961	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
35) Dibromofluoromethane	7.59	113	450155	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
50) Toluene-d8	10.09	98	1957270	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	12.40	95	676025	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
Target Compounds						
16) Acetone	3.82	43	15518	3.944	ug/l	100
20) Methylene Chloride	4.55	84	11994	1.064	ug/l #	90
43) Isopropyl Acetate	8.17	43	53241	2.828	ug/l #	79

(#) = 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: VN053364.D

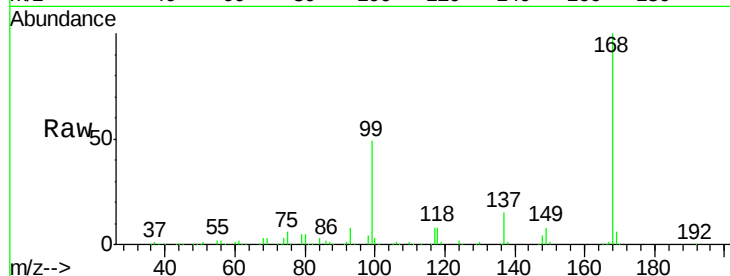
Acq: 11 Jan 2019 14:16

Tot Ion:168 Resp: 1008714

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

400000

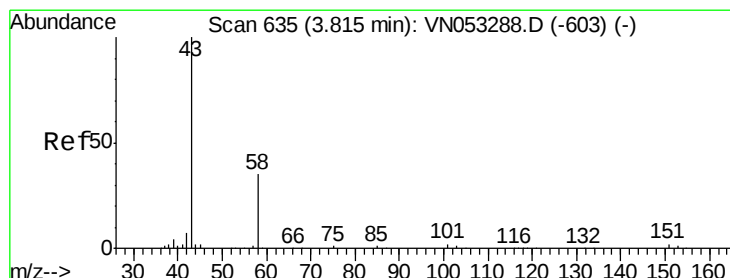
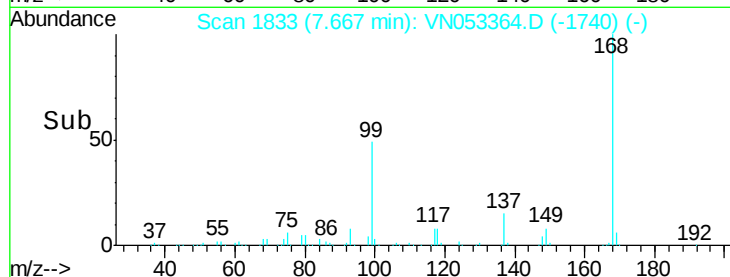
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 3.944 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053364.D

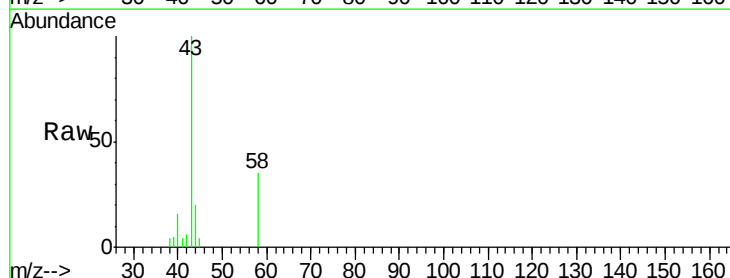
Acq: 11 Jan 2019 14:16

Tgt Ion: 43 Resp: 15518

Ion Ratio Lower Upper

43 100

58 34.7 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

6000

5000

4000

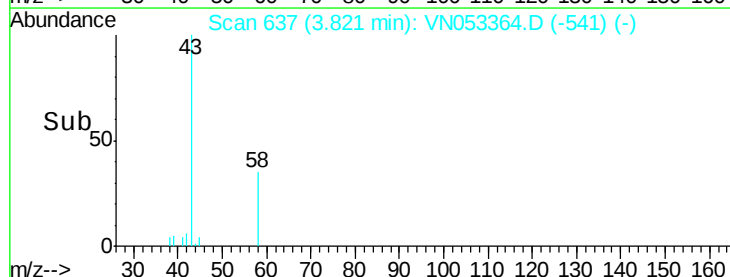
3000

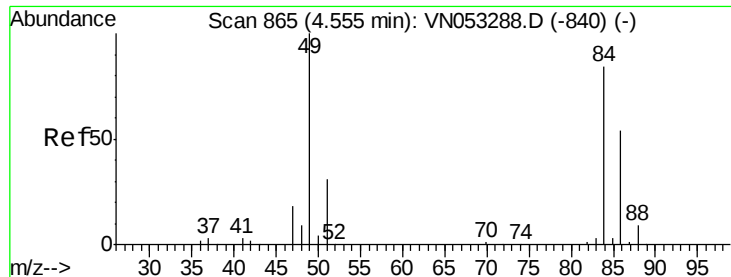
2000

1000

0

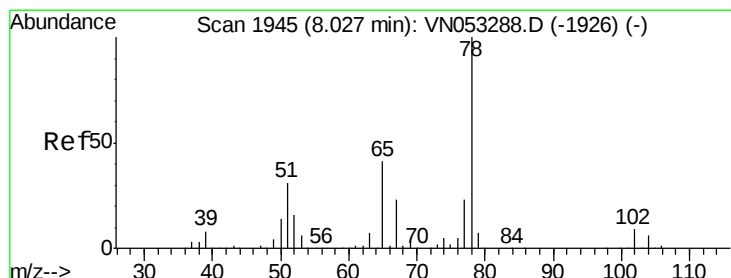
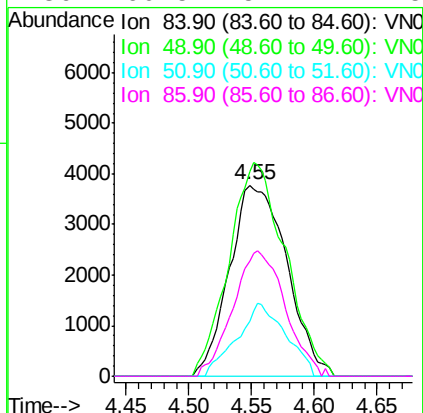
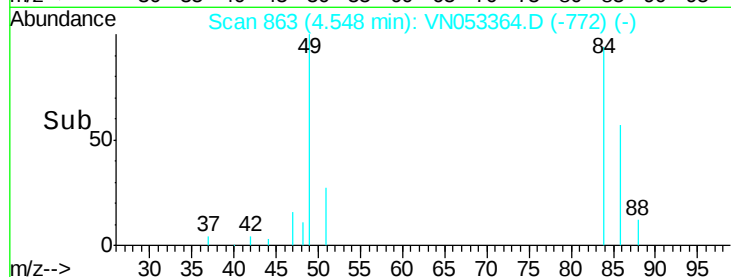
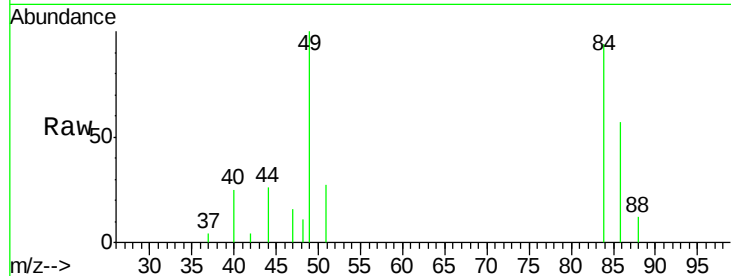
Time-->





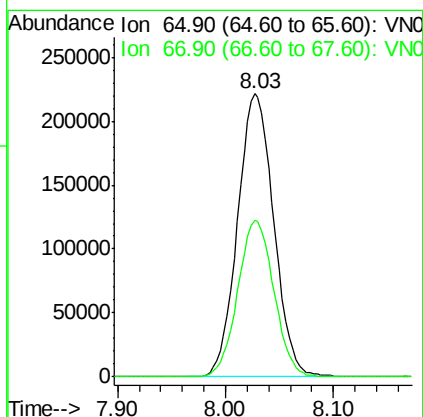
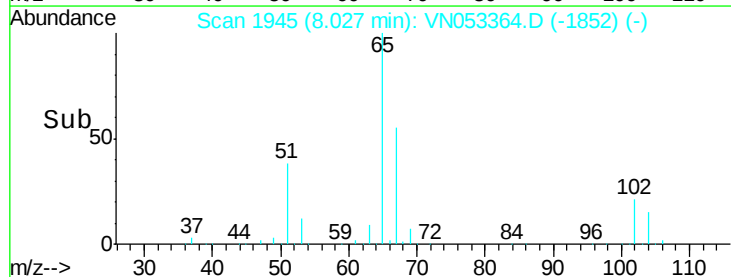
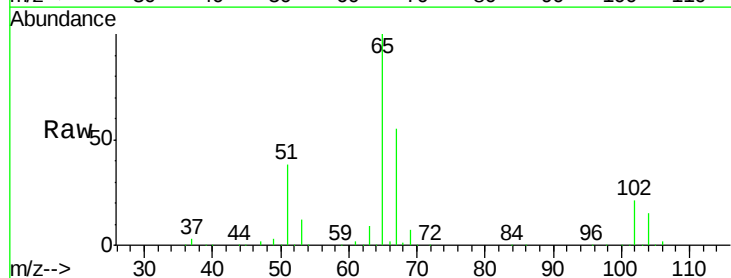
#20
Methvlene Chloride
Concen: 1.064 ug/l
RT: 4.55 min Scan# 863
Delta R.T. -0.01 min
Lab File: VN053364.D
Acq: 11 Jan 2019 14:16

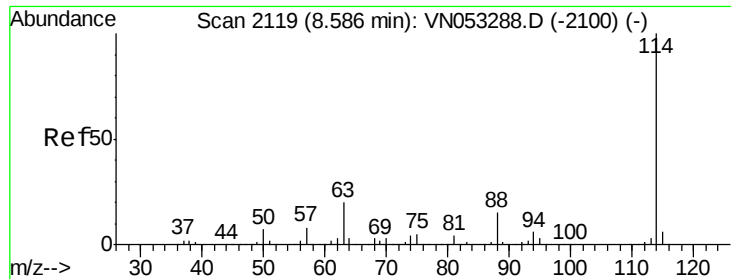
Tot Ion: 84 Resp: 11994
Ion Ratio Lower Upper
84 100
49 106.9 95.3 142.9
51 29.0 29.0 43.6#
86 60.5 51.7 77.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053364.D
Acq: 11 Jan 2019 14:16

Tgt Ion: 65 Resp: 515961
Ion Ratio Lower Upper
65 100
67 55.4 0.0 111.0

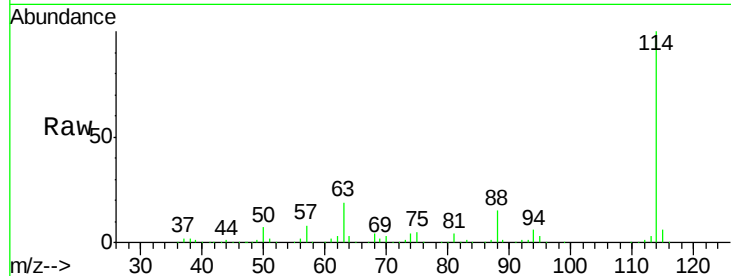




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053364.D
 Acq: 11 Jan 2019 14:16

Tot Ion:114 Resp: 1573872

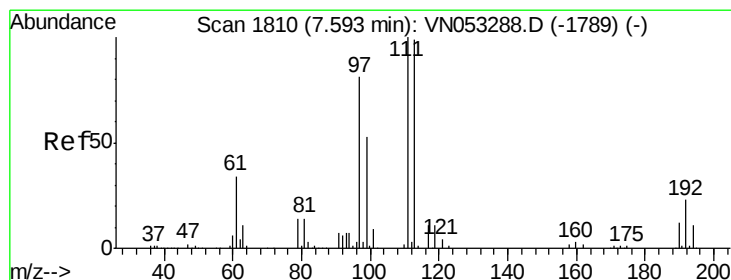
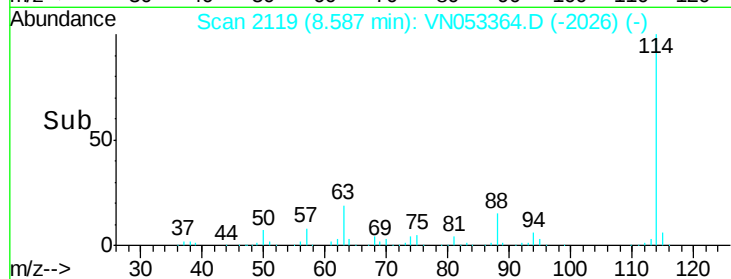
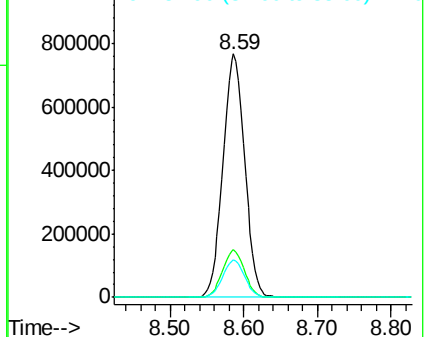
Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.0
88	15.4	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

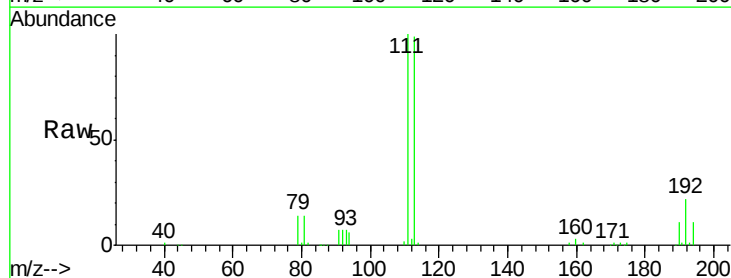
Ion 87.90 (87.60 to 88.60): VN



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053364.D
 Acq: 11 Jan 2019 14:16

Tgt Ion:113 Resp: 450155

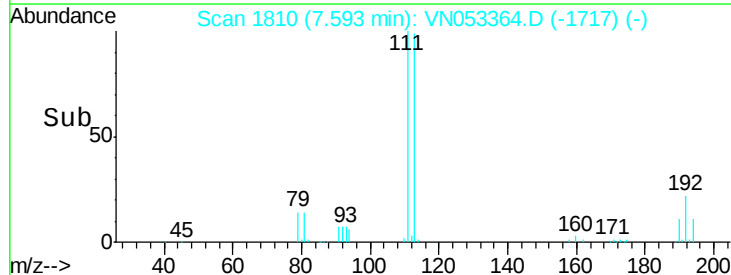
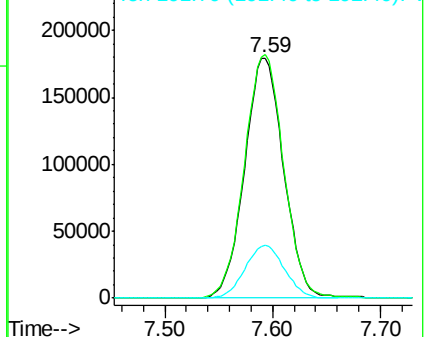
Ion	Ratio	Lower	Upper
113	100		
111	102.1	81.4	122.2
192	22.2	17.9	26.9

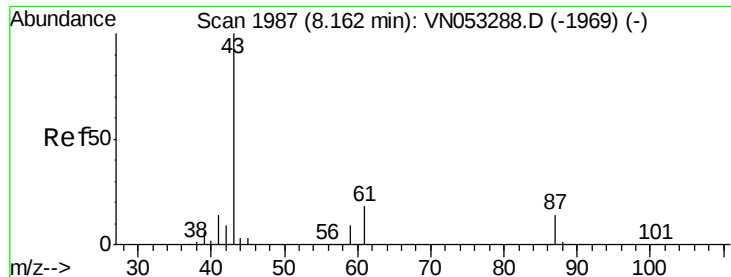


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.828 ug/l

RT: 8.17 min Scan# 1989

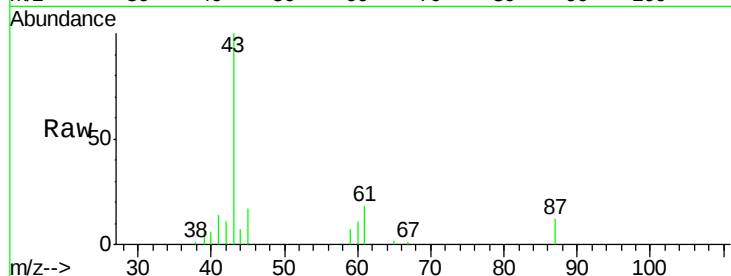
Delta R.T. 0.01 min

Lab File: VN053364.D

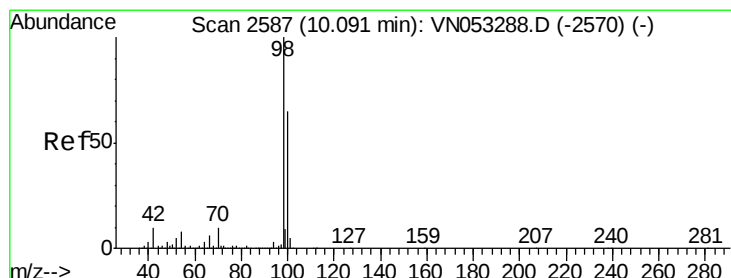
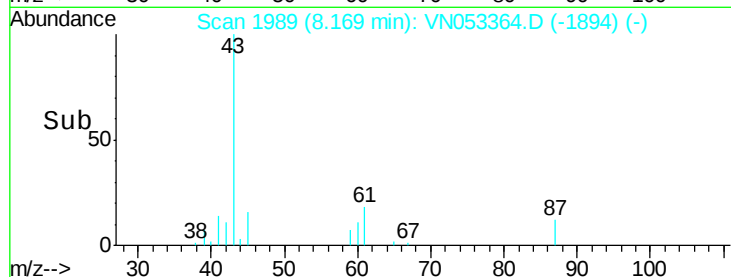
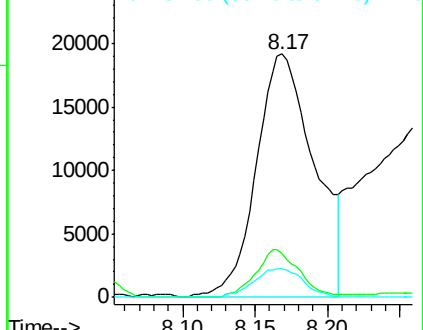
Acq: 11 Jan 2019 14:16

Tot Ion: 43 Resp: 53241

Ion	Ratio	Lower	Upper
43	100		
61	15.0	23.3	34.9#
87	9.9	10.8	16.2#



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



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

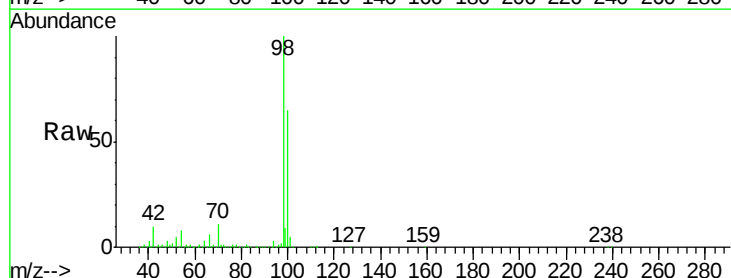
Delta R.T. 0.00 min

Lab File: VN053364.D

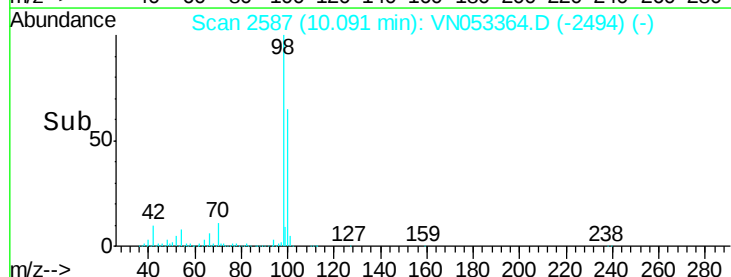
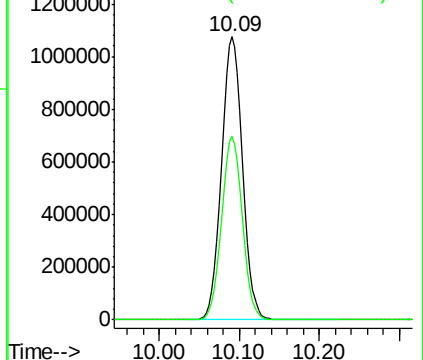
Acq: 11 Jan 2019 14:16

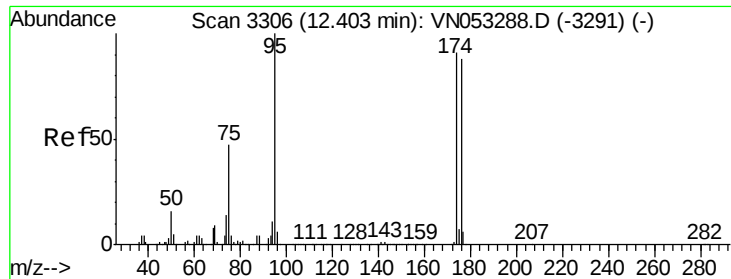
Tgt Ion: 98 Resp: 1957270

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): 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: VN053364.D

Acq: 11 Jan 2019 14:16

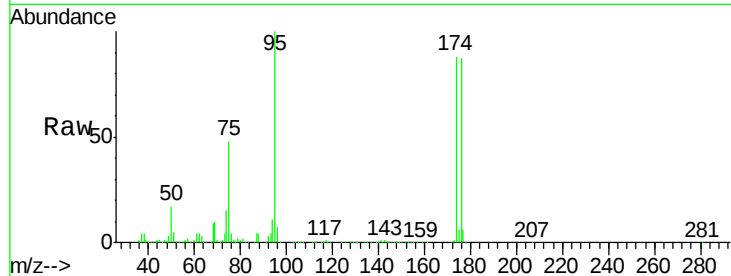
Tot Ion: 95 Resp: 676025

Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.4

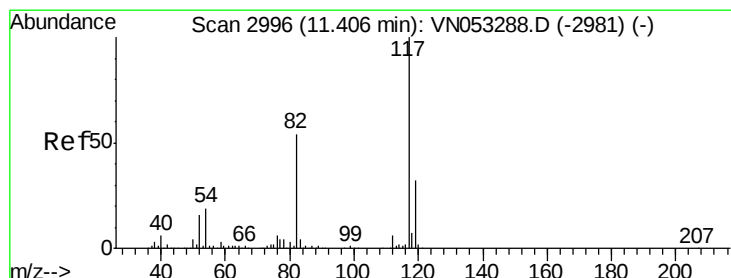
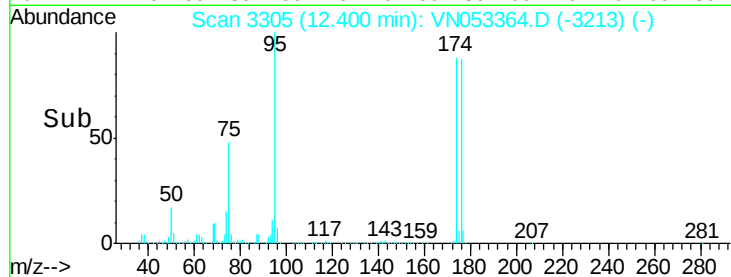
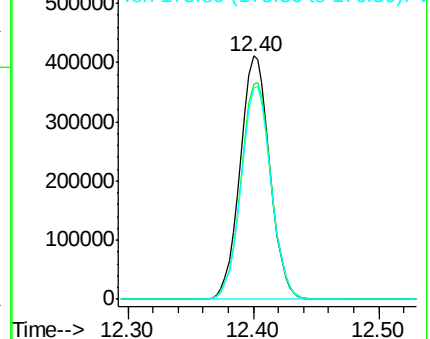
176 88.1 0.0 175.6



Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)

Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)

Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN053364.D

Acq: 11 Jan 2019 14:16

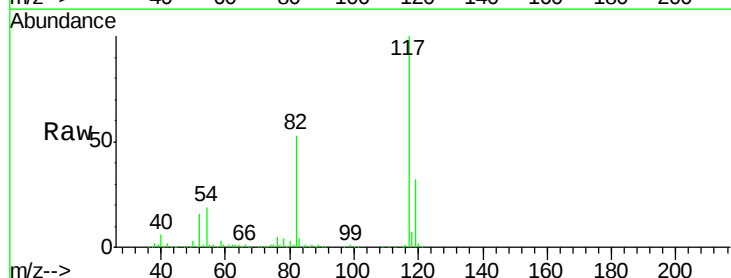
Tgt Ion: 117 Resp: 1480215

Ion Ratio Lower Upper

117 100

82 52.9 42.9 64.3

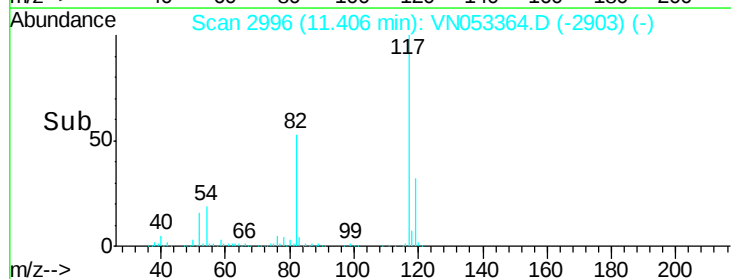
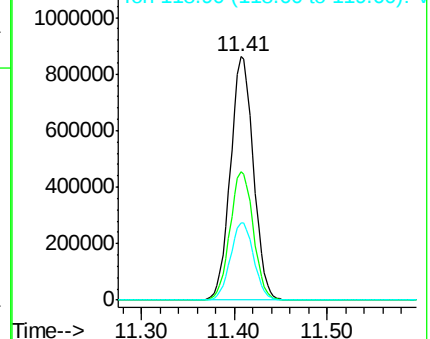
119 31.9 25.6 38.4

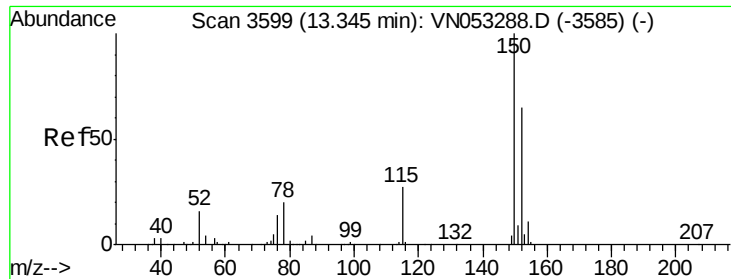


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

Ion 82.00 (81.70 to 82.70): VN053288.D (-2981) (-)

Ion 118.90 (118.60 to 119.60): VN053288.D (-2981) (-)

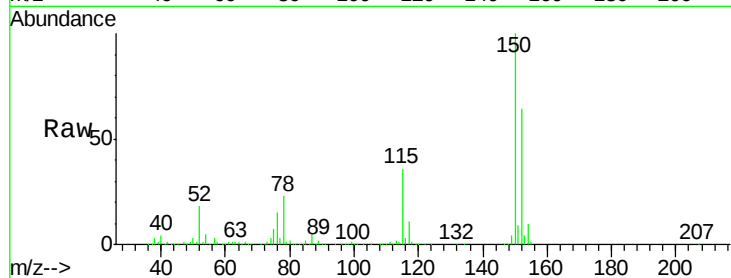




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053364.D
 Acq: 11 Jan 2019 14:16

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.2	28.0	84.0
150	158.4	0.0	346.6



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

