

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053362.D
 Acq On : 11 Jan 2019 13:22
 Operator : JC/SP
 Sample : PB116316ZHE#05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

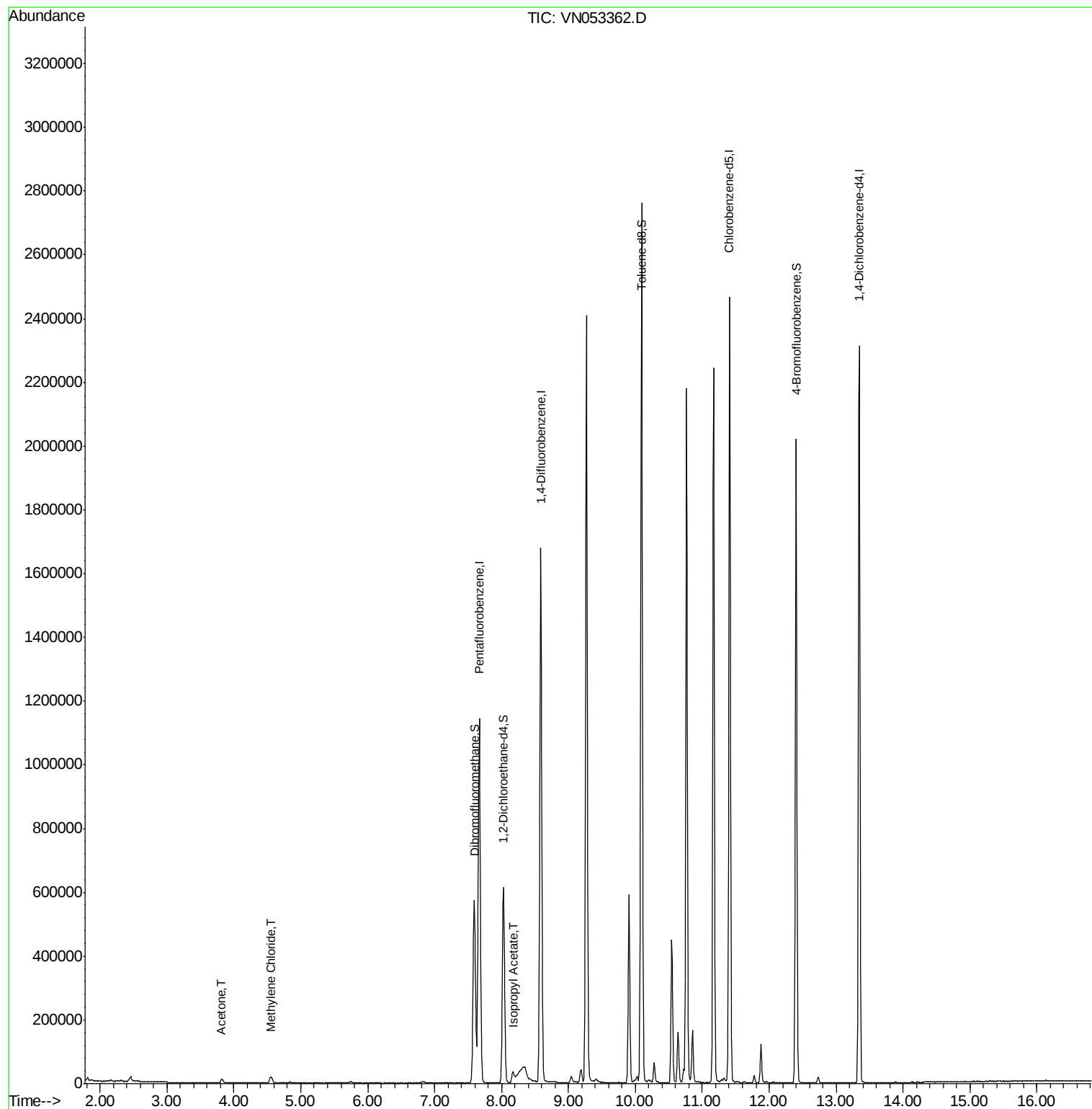
Quant Time: Jan 12 01:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

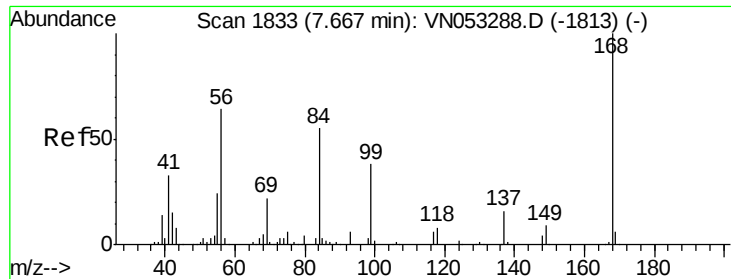
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1002400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1558044	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1496423	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	666171	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	510107	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.82%	
35) Dibromofluoromethane	7.59	113	444186	50.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.16%	
50) Toluene-d8	10.09	98	1959986	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
62) 4-Bromofluorobenzene	12.40	95	690131	51.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.04%	
Target Compounds						
16) Acetone	3.82	43	21086	6.222	ug/l	97
20) Methylene Chloride	4.56	84	16067	1.434	ug/l	93
43) Isopropyl Acetate	8.17	43	46797	2.511	ug/l #	82

(#) = 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: VN053362.D

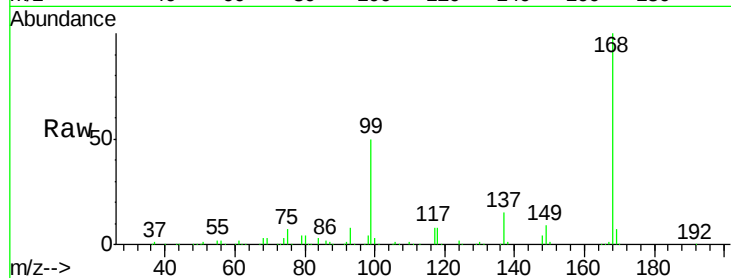
Acq: 11 Jan 2019 13:22

Tot Ion:168 Resp: 1002400

Ion Ratio Lower Upper

168 100

99 49.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053362.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053362.D (-1740) (-)

7.67

400000

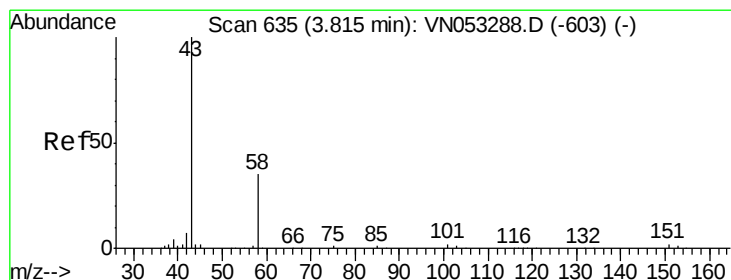
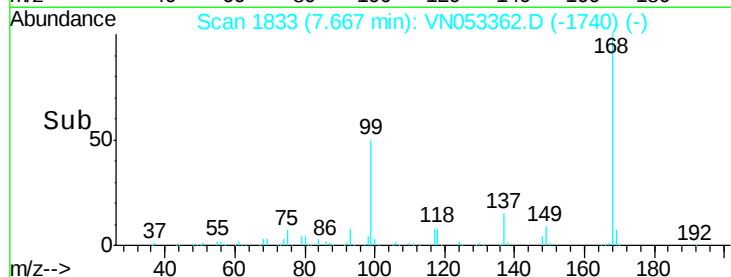
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 6.222 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053362.D

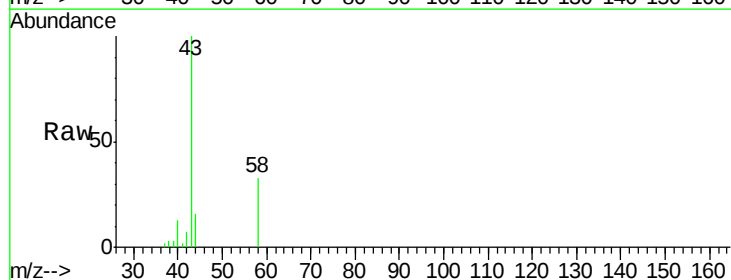
Acq: 11 Jan 2019 13:22

Tgt Ion: 43 Resp: 21086

Ion Ratio Lower Upper

43 100

58 32.8 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VN053362.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053362.D (-541) (-)

3.82

8000

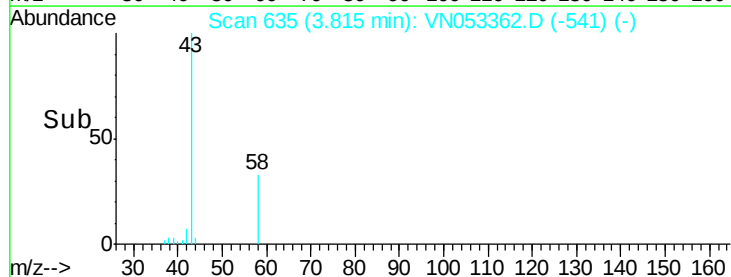
6000

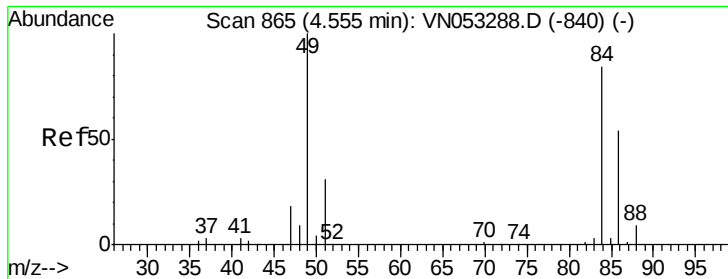
4000

2000

0

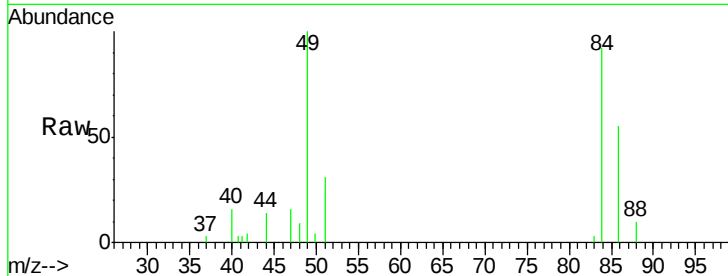
Time-->



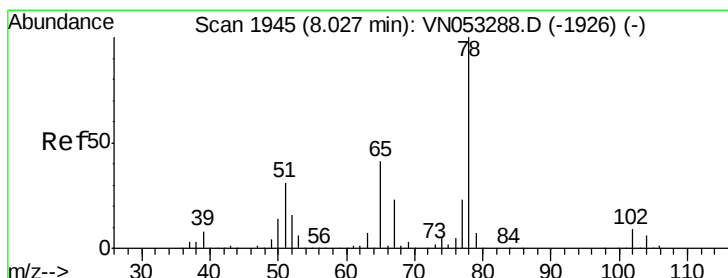
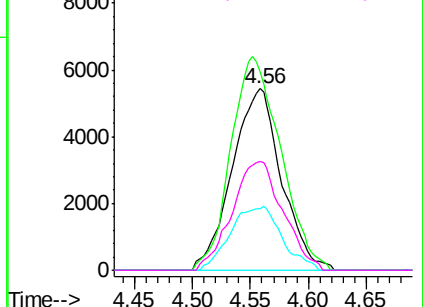
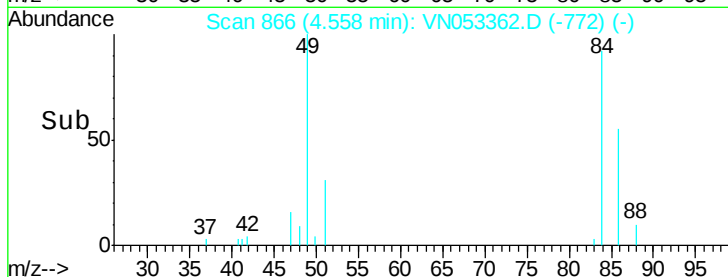


#20
Methvlene Chloride
Concen: 1.434 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053362.D
Acq: 11 Jan 2019 13:22

Tot Ion: 84 Resp: 16067
Ion Ratio Lower Upper
84 100
49 109.1 95.3 142.9
51 33.9 29.0 43.6
86 60.0 51.7 77.5

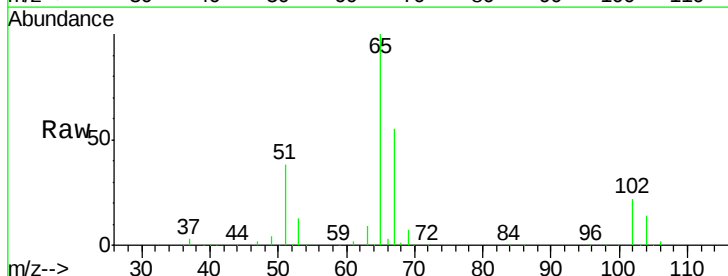


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

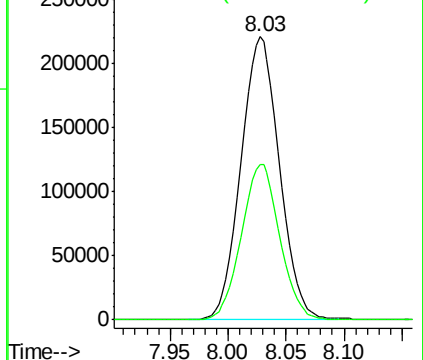
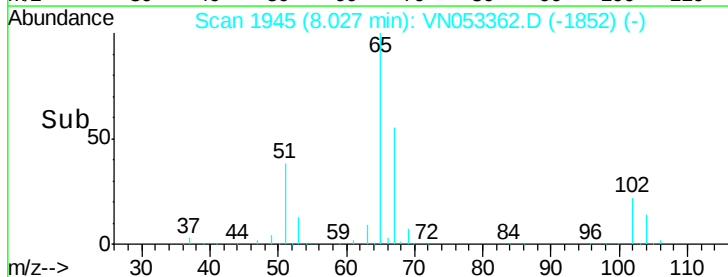


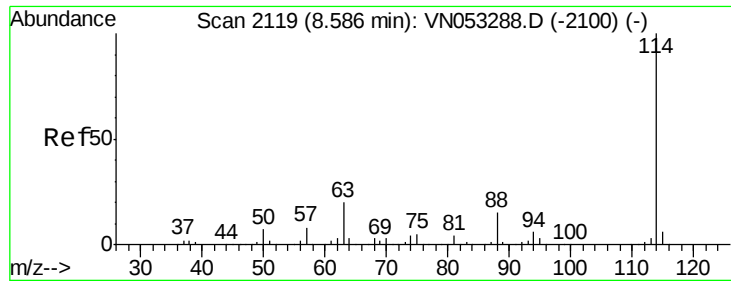
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053362.D
Acq: 11 Jan 2019 13:22

Tgt Ion: 65 Resp: 510107
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.0



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

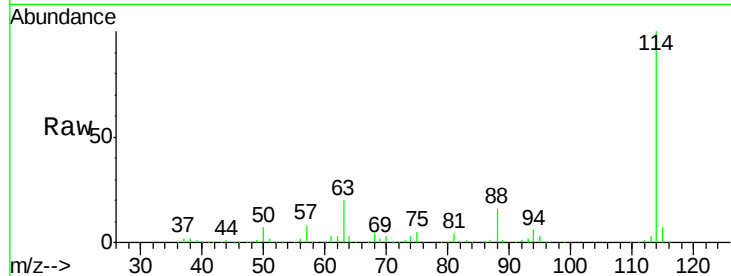




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053362.D
Acq: 11 Jan 2019 13:22

Tot Ion:114 Resp: 1558044

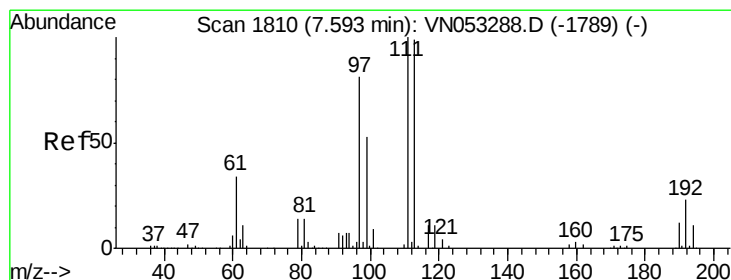
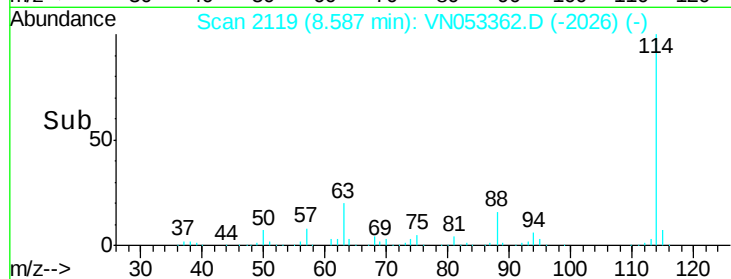
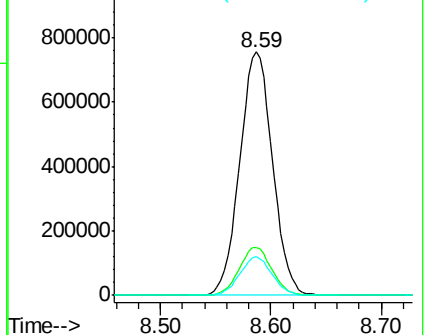
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.7	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

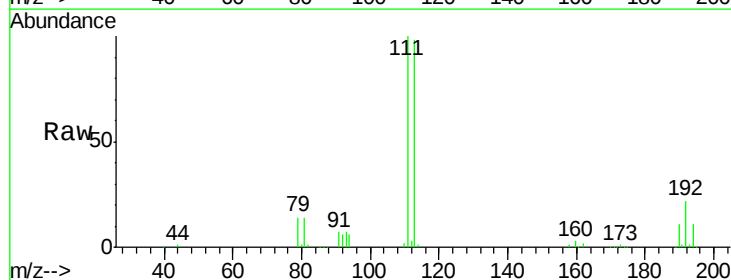
Ion 87.90 (87.60 to 88.60): V



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053362.D
Acq: 11 Jan 2019 13:22

Tgt Ion:113 Resp: 444186

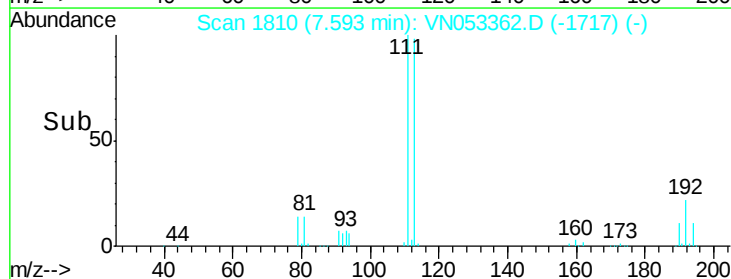
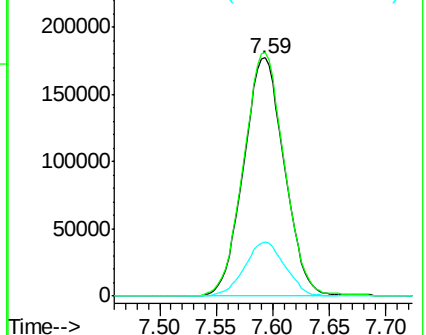
Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.4	122.2
192	22.6	17.9	26.9

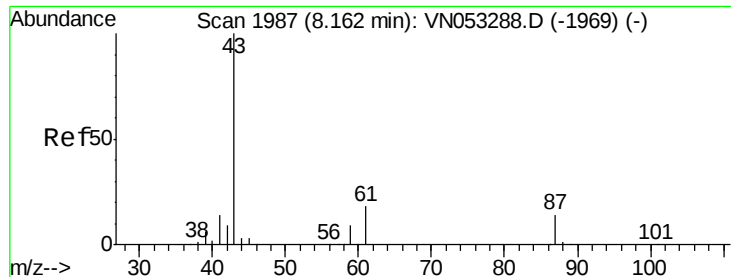


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.511 ug/l

RT: 8.17 min Scan# 1989

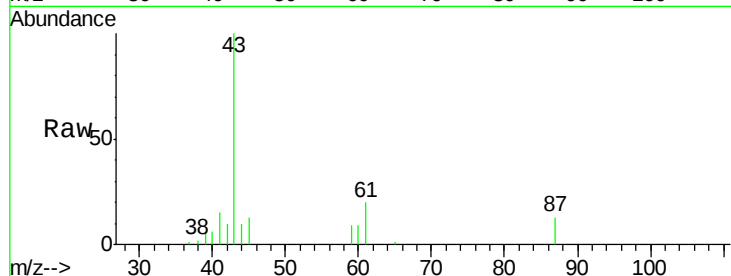
Delta R.T. 0.01 min

Lab File: VN053362.D

Acq: 11 Jan 2019 13:22

Tot Ion: 43 Resp: 46797

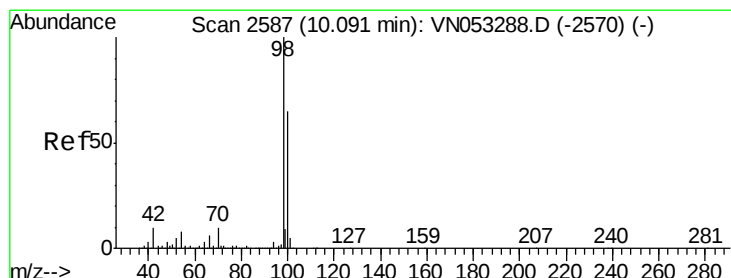
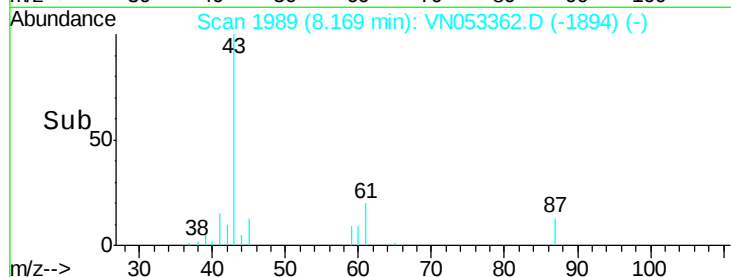
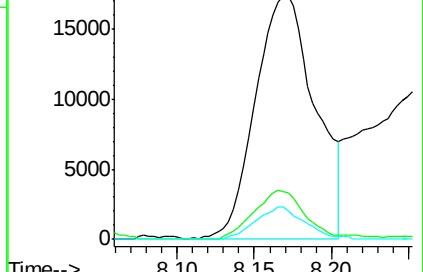
Ion	Ratio	Lower	Upper
43	100		
61	17.0	23.3	34.9#
87	10.8	10.8	16.2#



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

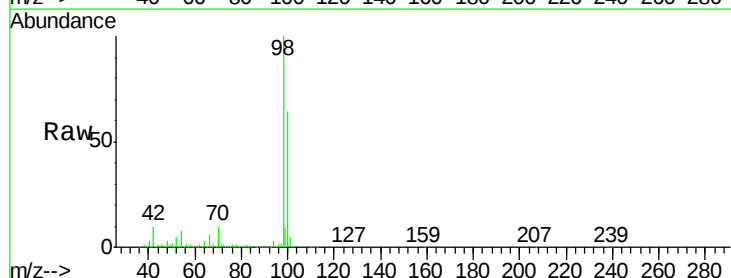
Delta R.T. 0.00 min

Lab File: VN053362.D

Acq: 11 Jan 2019 13:22

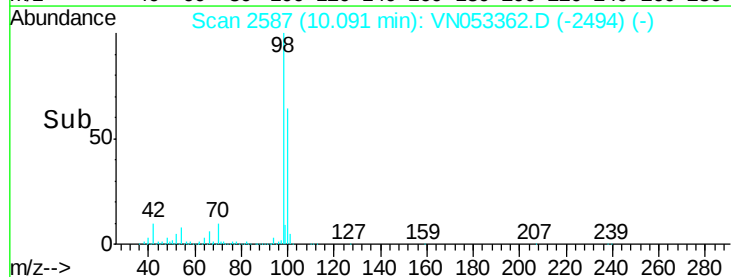
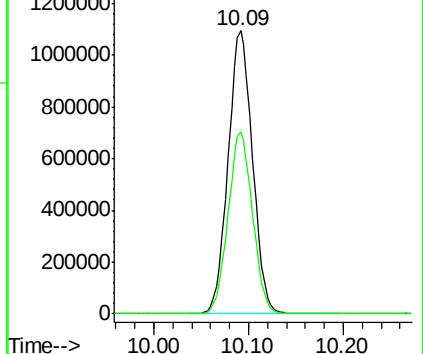
Tgt Ion: 98 Resp: 1959986

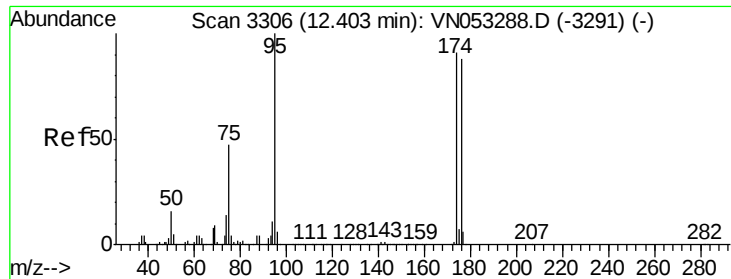
Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.5	77.3



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: VN053362.D

Acq: 11 Jan 2019 13:22

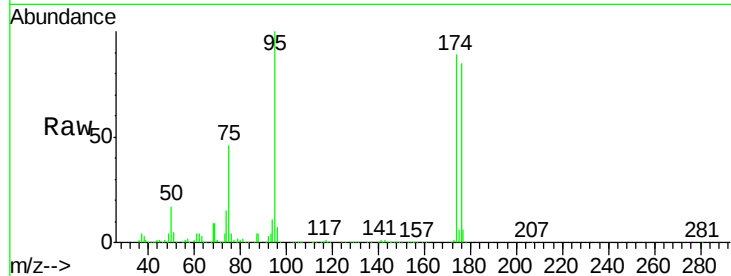
Tot Ion: 95 Resp: 690131

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.4

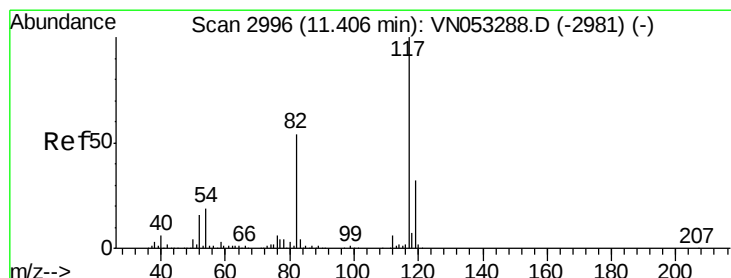
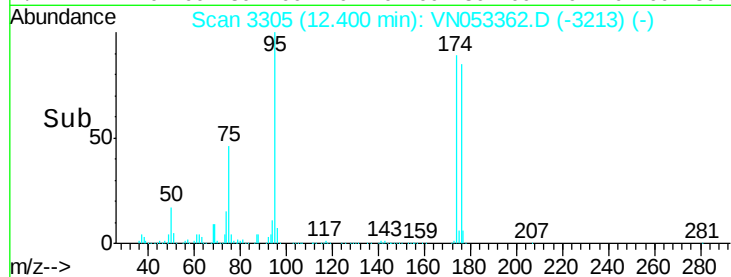
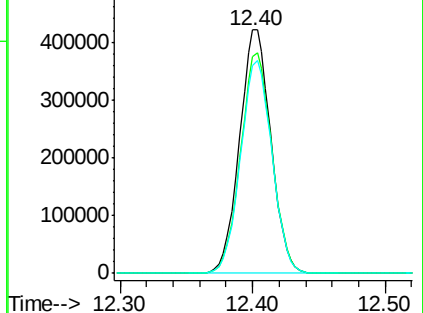
176 87.7 0.0 175.6



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: VN053362.D

Acq: 11 Jan 2019 13:22

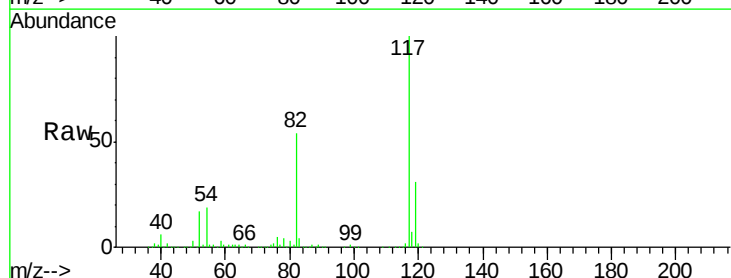
Tgt Ion: 117 Resp: 1496423

Ion Ratio Lower Upper

117 100

82 53.7 42.9 64.3

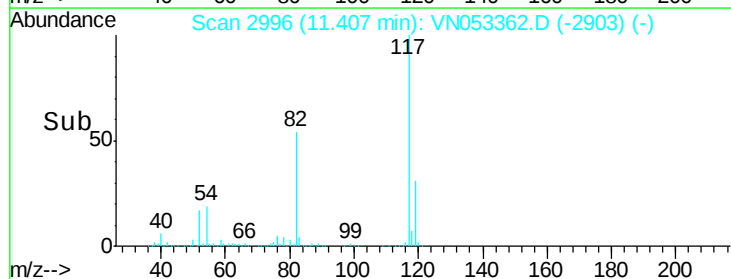
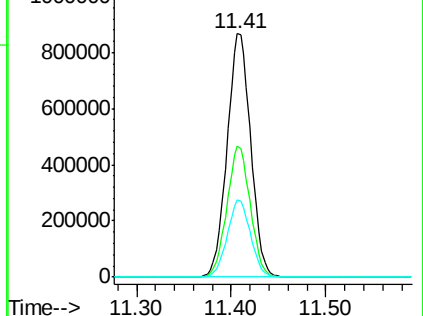
119 31.5 25.6 38.4

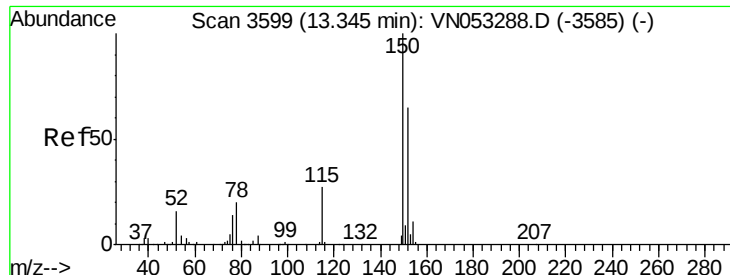


Abundance Ion 116.90 (116.60 to 117.60): VN053288.D (-2981) (-)

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

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

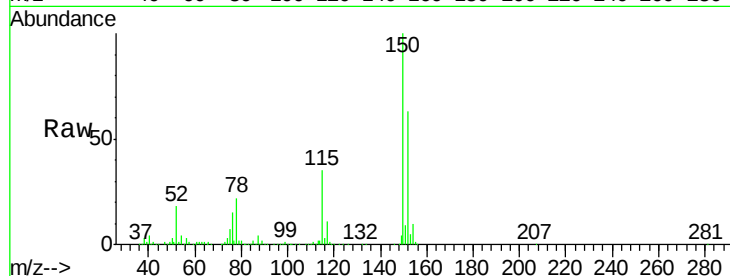




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053362.D
 Acq: 11 Jan 2019 13:22

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.0	84.0
150	157.2	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

