

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053366.D
 Acq On : 11 Jan 2019 15:10
 Operator : JC/SP
 Sample : PB116316ZHE#09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

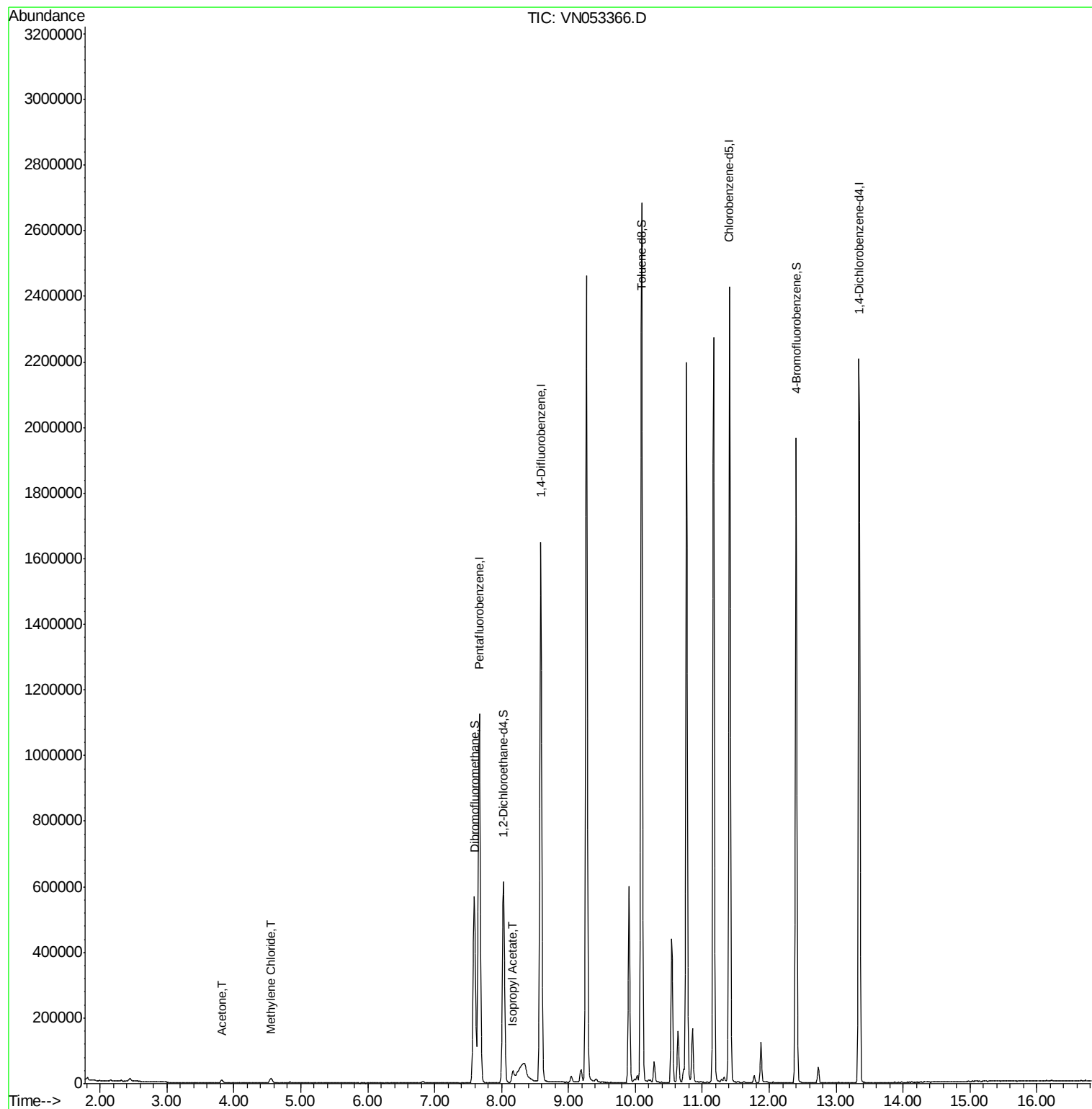
Quant Time: Jan 12 01:34:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

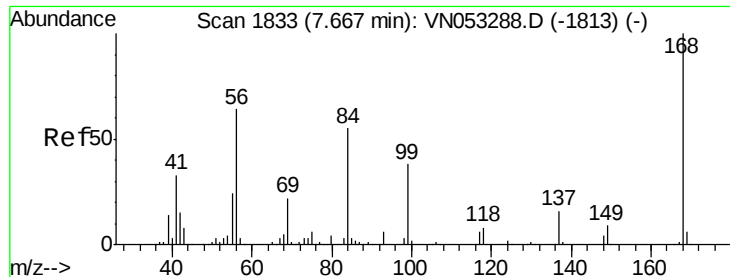
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	980522	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1537455	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1453705	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	639619	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	502919	49.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.60%	
35) Dibromofluoromethane	7.59	113	432884	49.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.92%	
50) Toluene-d8	10.09	98	1917443	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.40	95	669789	50.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.34%	
Target Compounds						
16) Acetone	3.82	43	15247	4.011	ug/l #	85
20) Methylene Chloride	4.55	84	11469	1.047	ug/l #	90
43) Isopropyl Acetate	8.17	43	47902	2.605	ug/l #	82

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053366.D

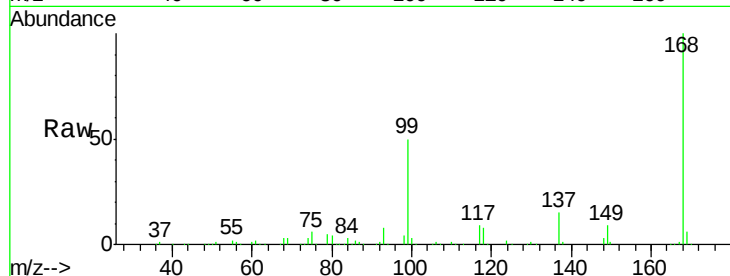
Acq: 11 Jan 2019 15:10

Tot Ion:168 Resp: 980522

Ion Ratio Lower Upper

168 100

99 49.8 39.1 58.7

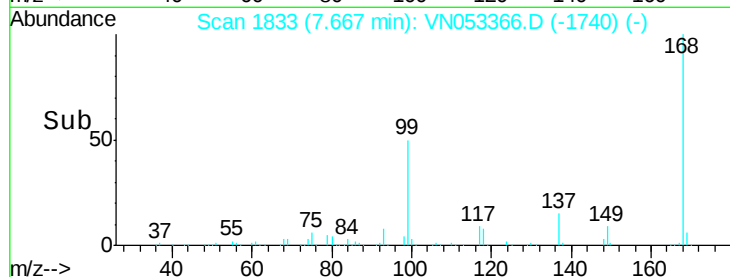


Abundance Ion 167.90 (167.60 to 168.60): VN053288.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN053288.D (-1813) (-)

7.67

Time-->



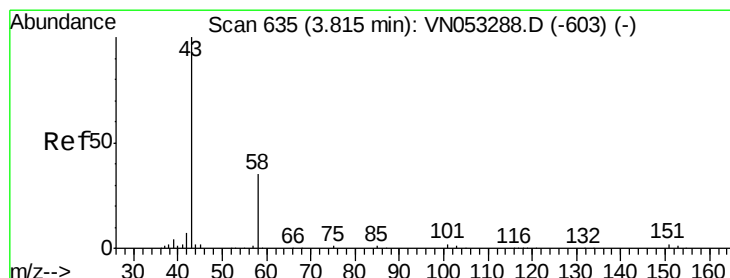
Abundance

Ion 167.90 (167.60 to 168.60): VN053366.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053366.D (-1740) (-)

7.67

Time-->



#16

Acetone

Concen: 4.011 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053366.D

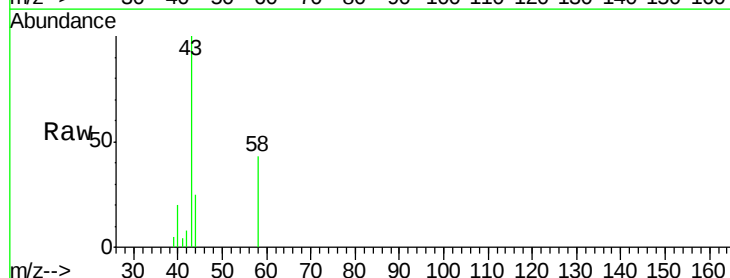
Acq: 11 Jan 2019 15:10

Tgt Ion: 43 Resp: 15247

Ion Ratio Lower Upper

43 100

58 43.2 27.8 41.6#

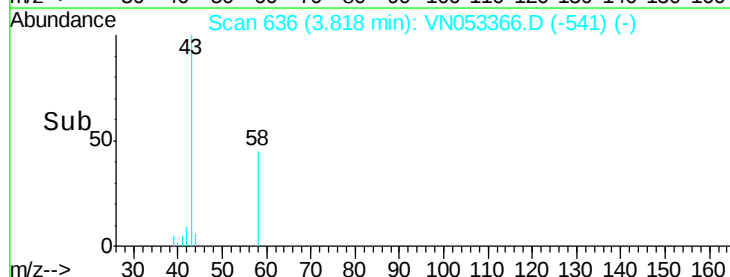


Abundance Ion 43.00 (42.70 to 43.70): VN053288.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN053288.D (-603) (-)

3.82

Time-->



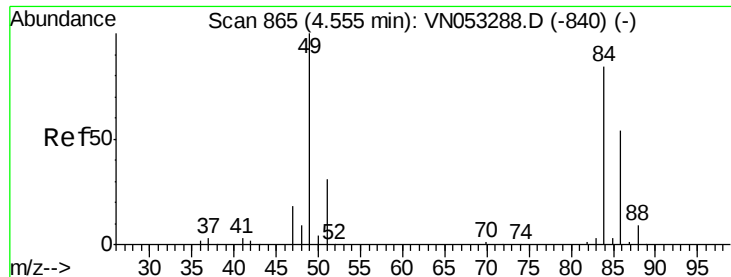
Abundance

Ion 43.00 (42.70 to 43.70): VN053366.D (-541) (-)

Ion 58.00 (57.70 to 58.70): VN053366.D (-541) (-)

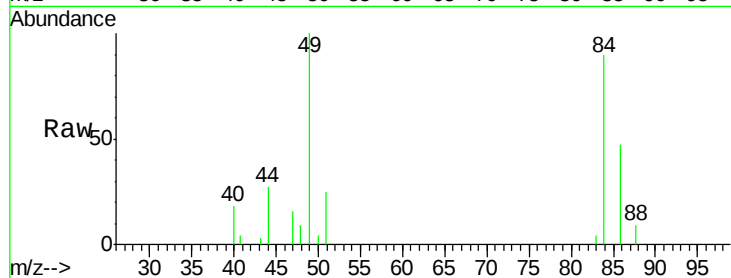
3.82

Time-->

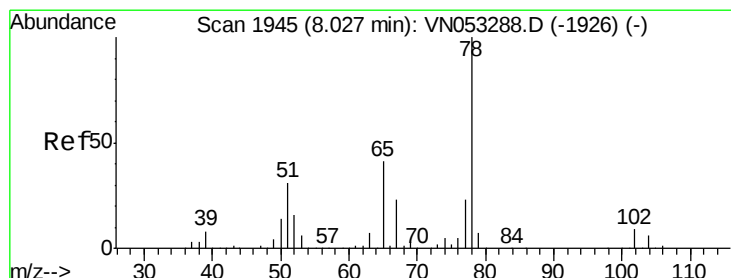
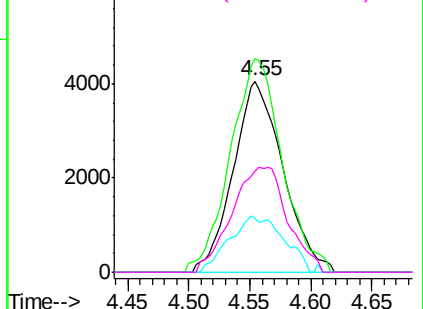
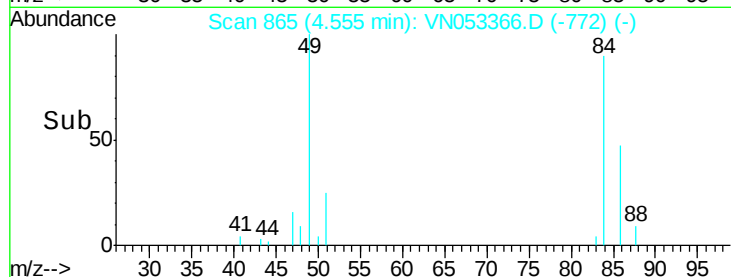


#20
Methylene Chloride
Concen: 1.047 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053366.D
Acq: 11 Jan 2019 15:10

Tot Ion: 84 Resp: 11469
Ion Ratio Lower Upper
84 100
49 111.6 95.3 142.9
51 28.4 29.0 43.6#
86 53.0 51.7 77.5

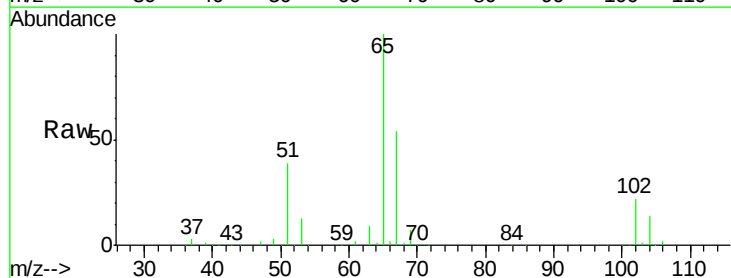


Abundance Ion 83.90 (83.60 to 84.60): VNO
Ion 48.90 (48.60 to 49.60): VNO
Ion 50.90 (50.60 to 51.60): VNO
Ion 85.90 (85.60 to 86.60): VNO

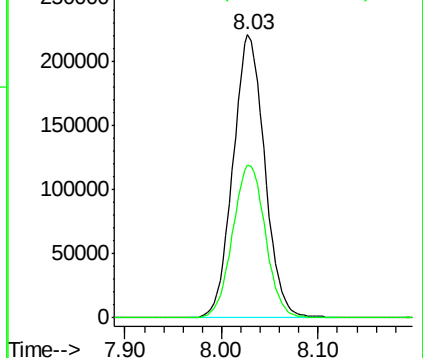
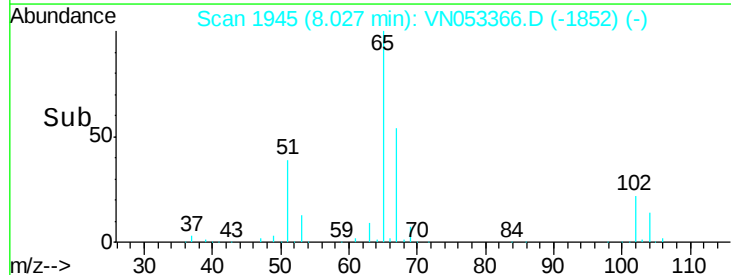


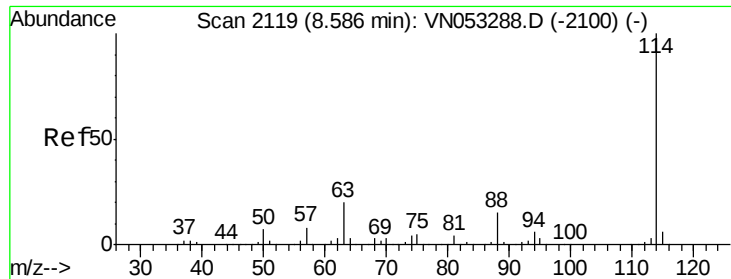
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053366.D
Acq: 11 Jan 2019 15:10

Tgt Ion: 65 Resp: 502919
Ion Ratio Lower Upper
65 100
67 55.7 0.0 111.0



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

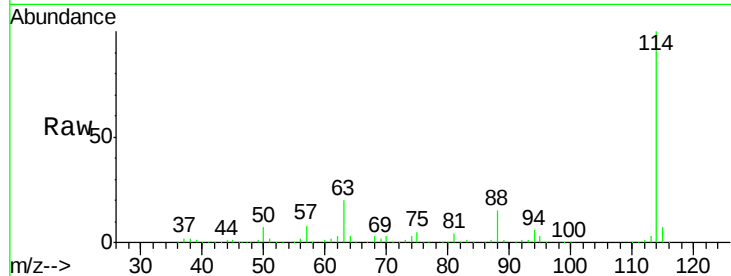




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053366.D
Acq: 11 Jan 2019 15:10

Tot Ion:114 Resp: 1537455

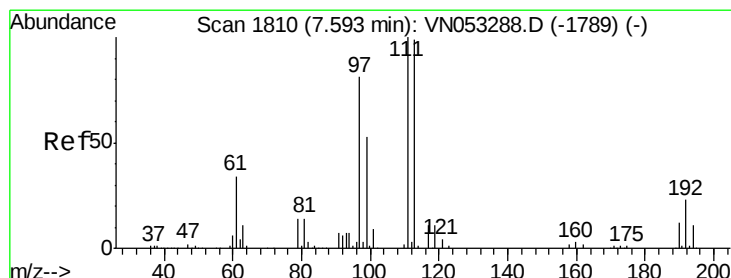
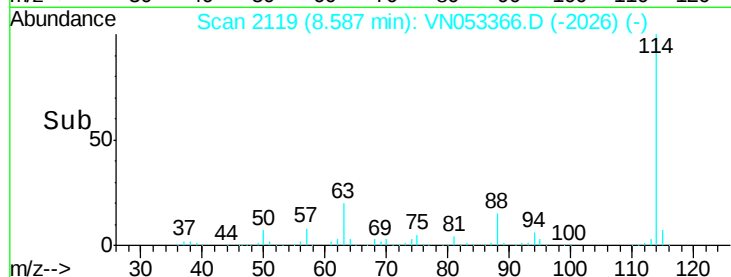
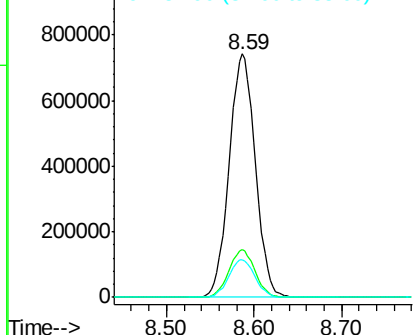
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	39.0
88	15.4	0.0	30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

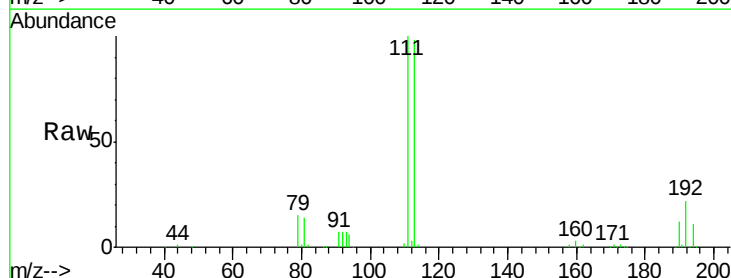
Ion 87.90 (87.60 to 88.60): VN



#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053366.D
Acq: 11 Jan 2019 15:10

Tgt Ion:113 Resp: 432884

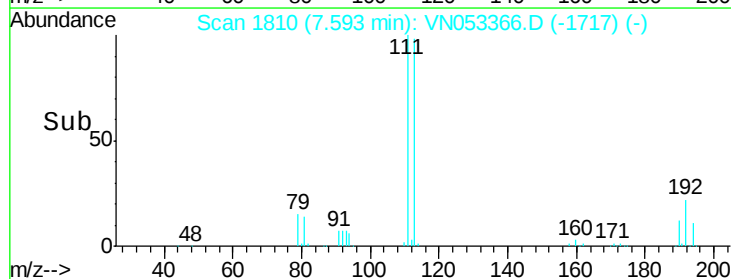
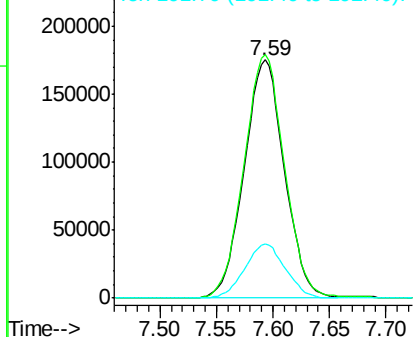
Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.4	122.2
192	23.0	17.9	26.9

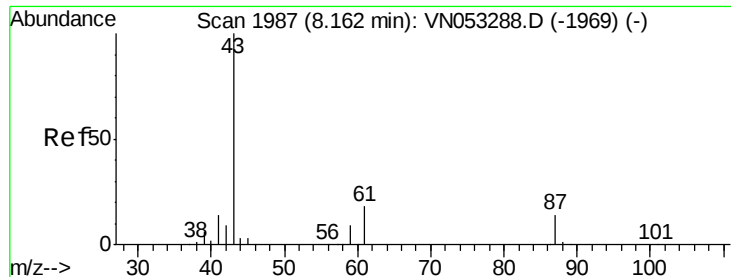


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.605 ug/l

RT: 8.17 min Scan# 1989

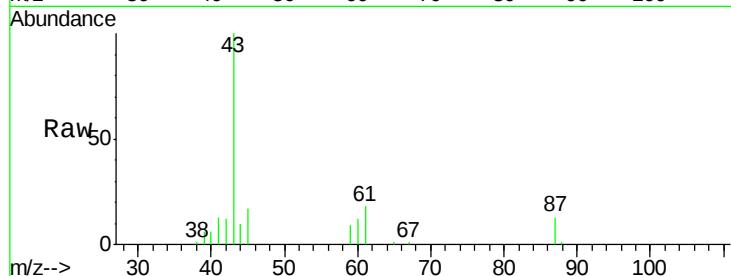
Delta R.T. 0.01 min

Lab File: VN053366.D

Acq: 11 Jan 2019 15:10

Tot Ion: 43 Resp: 47902

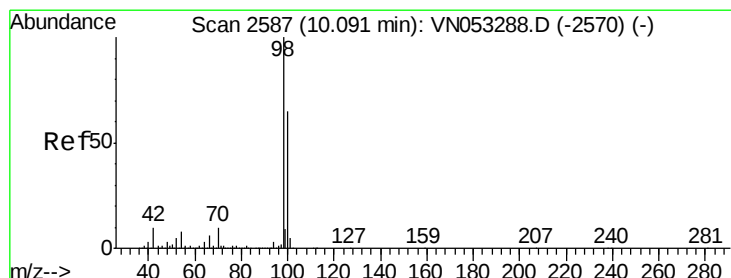
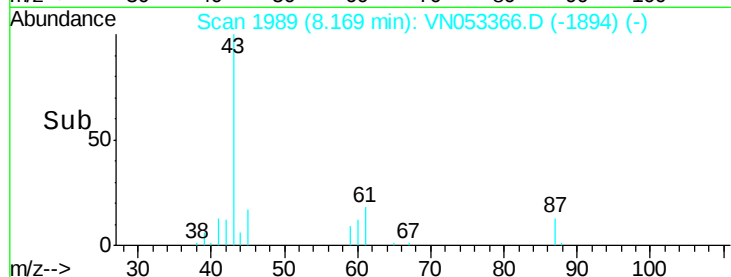
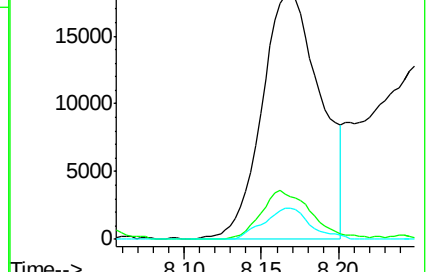
Ion	Ratio	Lower	Upper
43	100		
61	17.2	23.3	34.9#
87	9.9	10.8	16.2#



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

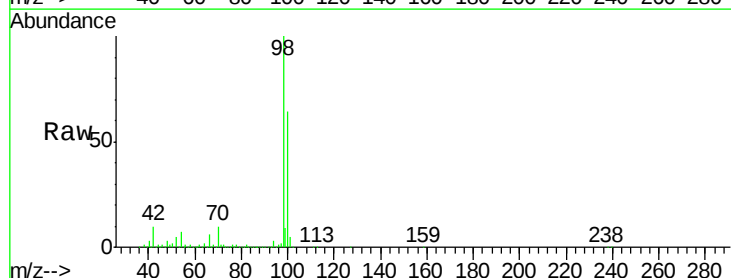
Delta R.T. 0.00 min

Lab File: VN053366.D

Acq: 11 Jan 2019 15:10

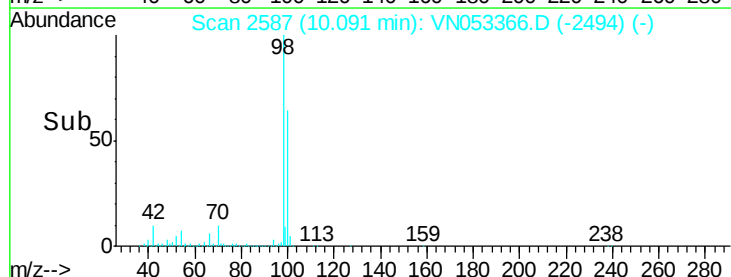
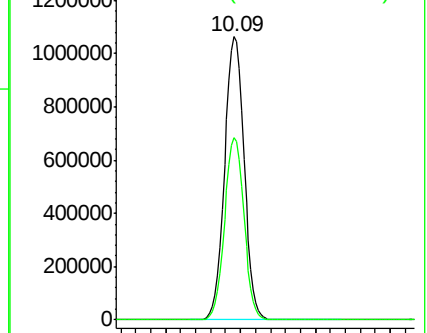
Tgt Ion: 98 Resp: 1917443

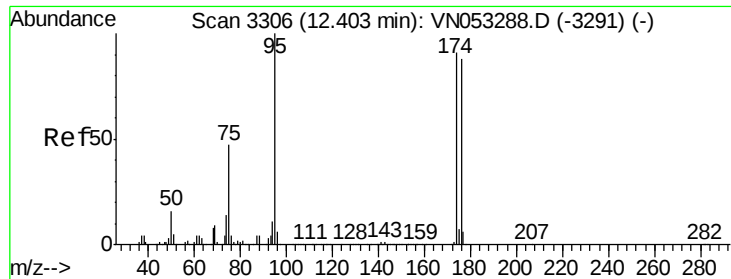
Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3



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

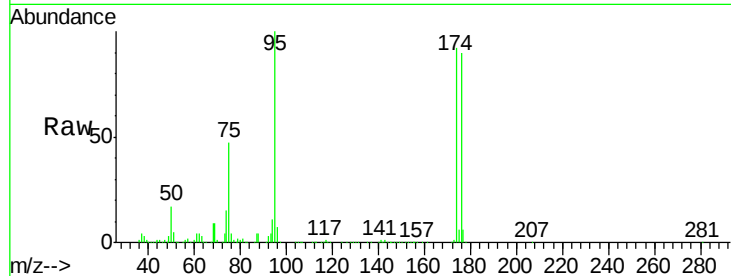
Ion 100.00 (99.70 to 100.70): VN053288.D (-2570) (-)



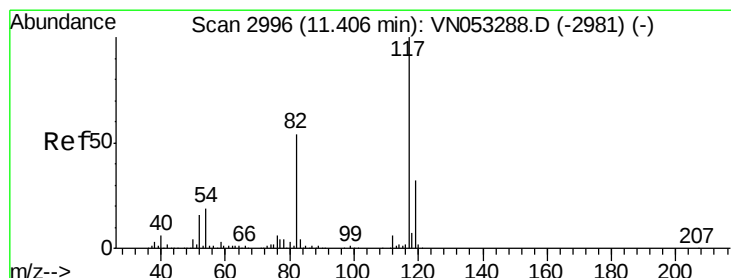
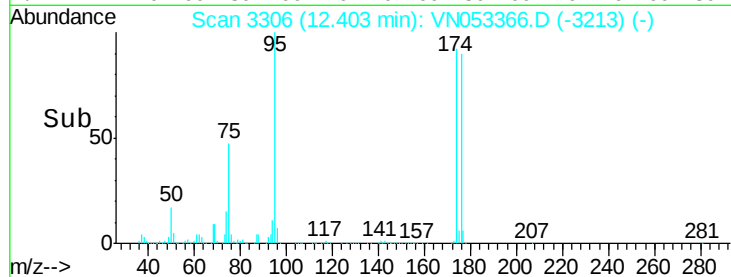
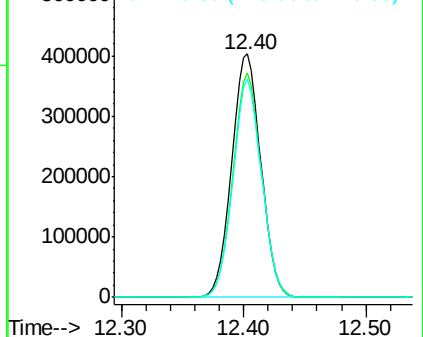


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053366.D
Acq: 11 Jan 2019 15:10

Tot Ion: 95 Resp: 669789
Ion Ratio Lower Upper
95 100
174 90.5 0.0 180.4
176 87.8 0.0 175.6

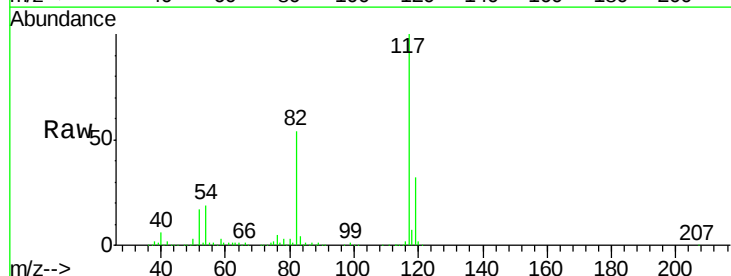


Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)

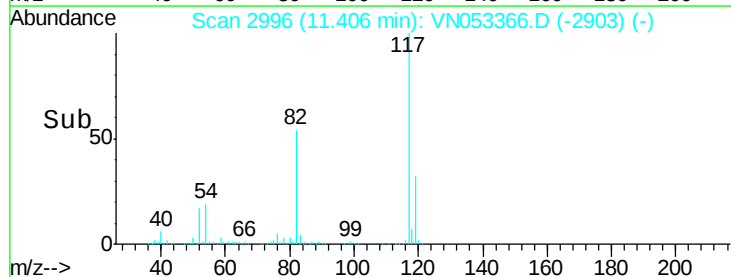
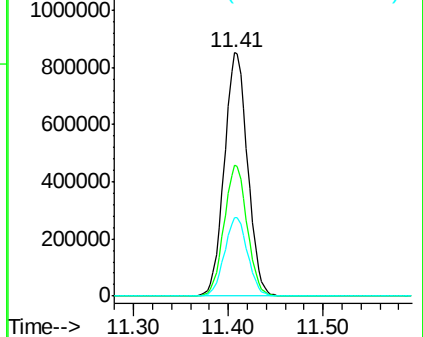


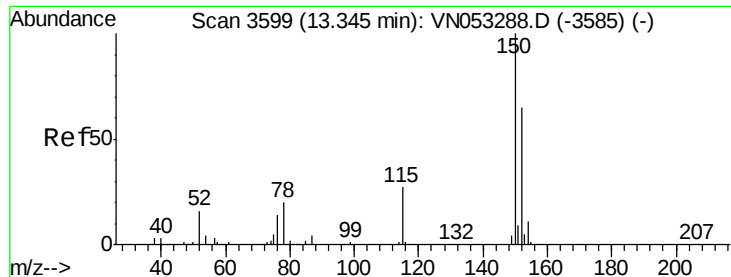
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053366.D
Acq: 11 Jan 2019 15:10

Tgt Ion: 117 Resp: 1453705
Ion Ratio Lower Upper
117 100
82 53.7 42.9 64.3
119 32.4 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) (-)

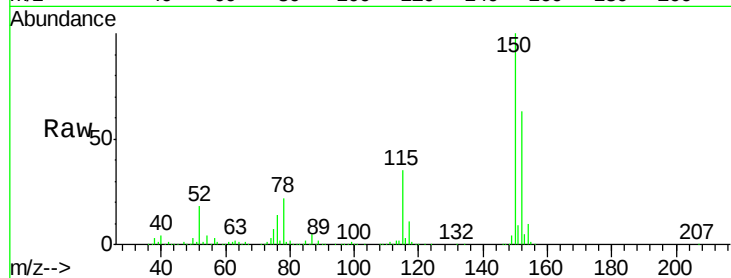




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053366.D
 Acq: 11 Jan 2019 15:10

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.0	84.0
150	157.9	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

