

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011119\
 Data File : VN053363.D
 Acq On : 11 Jan 2019 13:49
 Operator : JC/SP
 Sample : PB116316ZHE#06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 28

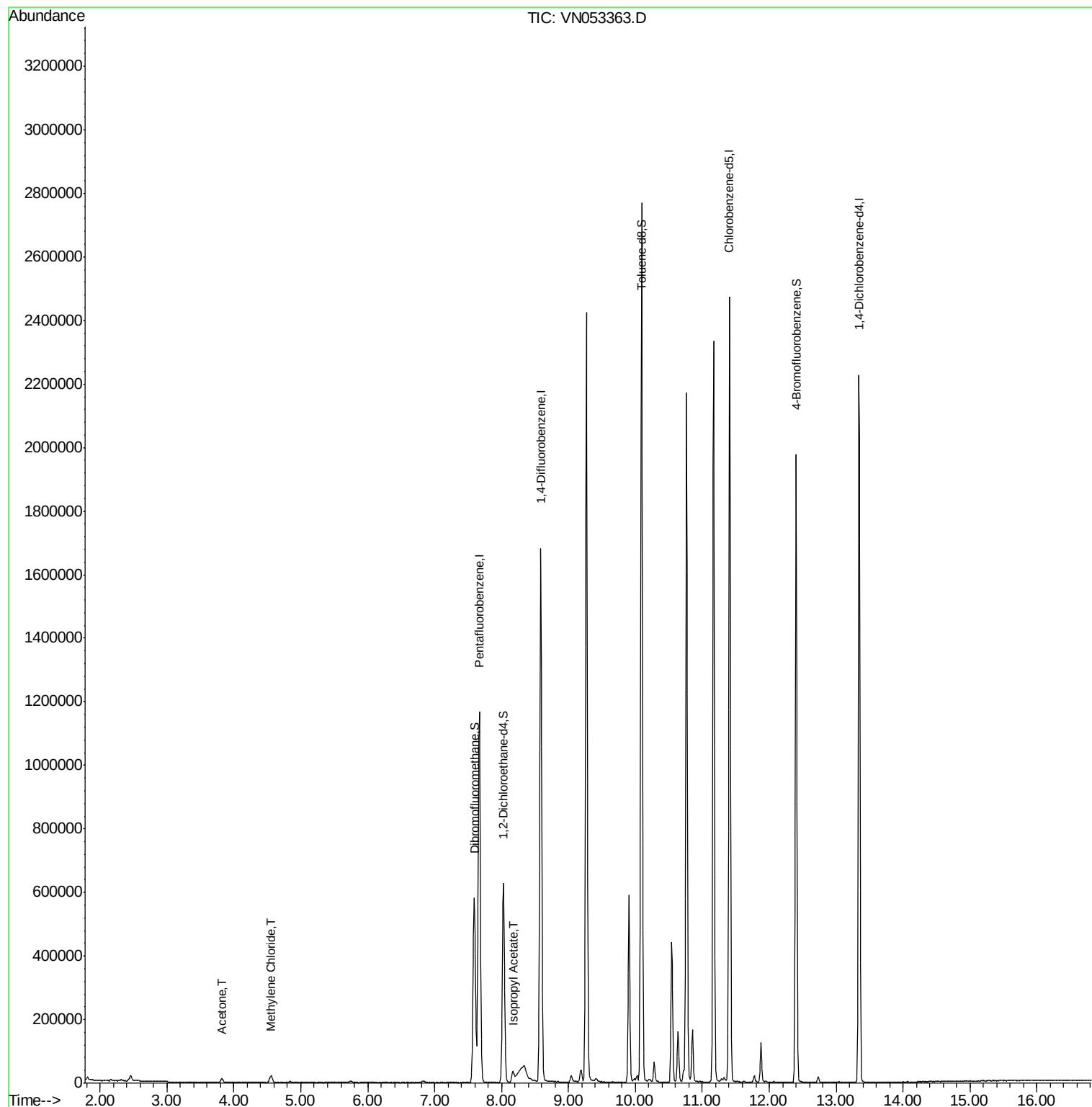
Quant Time: Jan 12 01:29:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N010519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 07 09:34:27 2019
 Response via : Initial Calibration

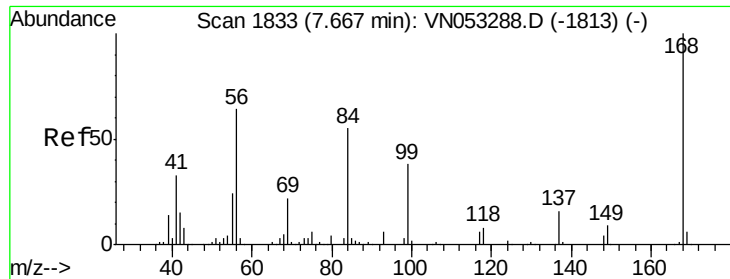
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1021189	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1591326	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1504649	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	637441	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	516890	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	7.59	113	450100	49.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.38%	
50) Toluene-d8	10.09	98	1988494	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
62) 4-Bromofluorobenzene	12.40	95	685492	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
16) Acetone	3.82	43	21229	6.122	ug/l	94
20) Methylene Chloride	4.55	84	16772	1.470	ug/l	92
43) Isopropyl Acetate	8.17	43	45159	2.372	ug/l #	84

(#) = 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: VN053363.D

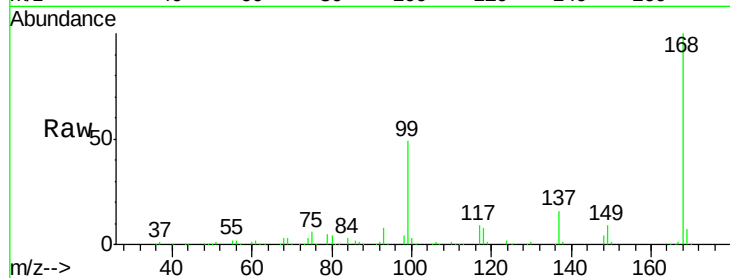
Acq: 11 Jan 2019 13:49

Tot Ion:168 Resp: 1021189

Ion Ratio Lower Upper

168 100

99 49.4 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

400000

300000

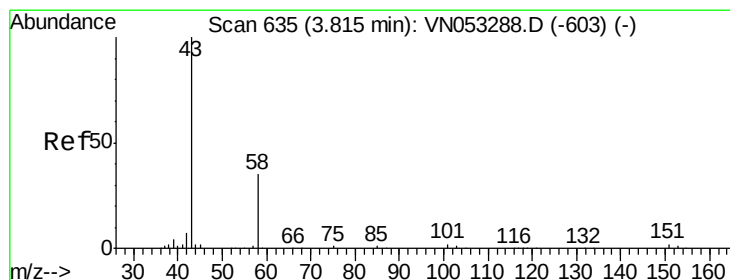
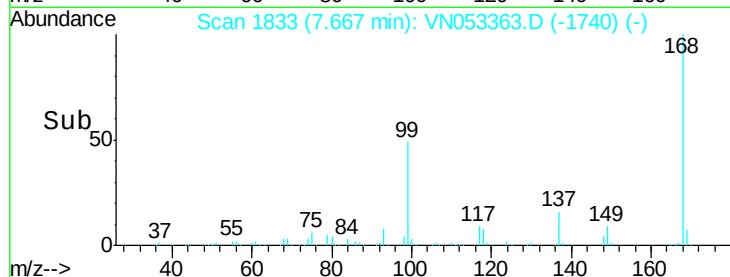
200000

100000

0

Time-->

7.60 7.70 7.80



#16

Acetone

Concen: 6.122 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053363.D

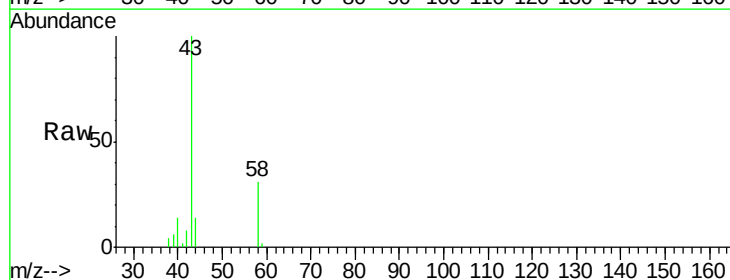
Acq: 11 Jan 2019 13:49

Tgt Ion: 43 Resp: 21229

Ion Ratio Lower Upper

43 100

58 31.1 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

8000

6000

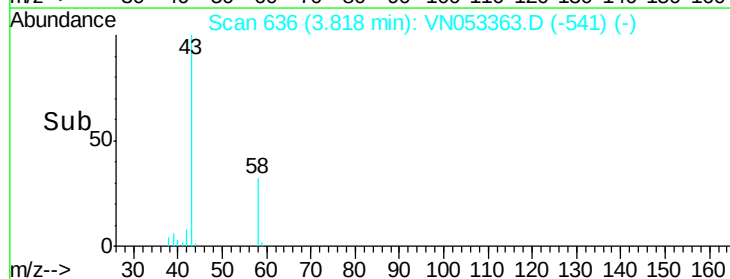
4000

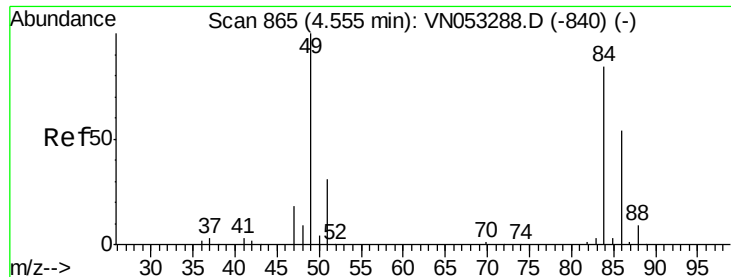
2000

0

Time-->

3.75 3.80 3.85 3.90

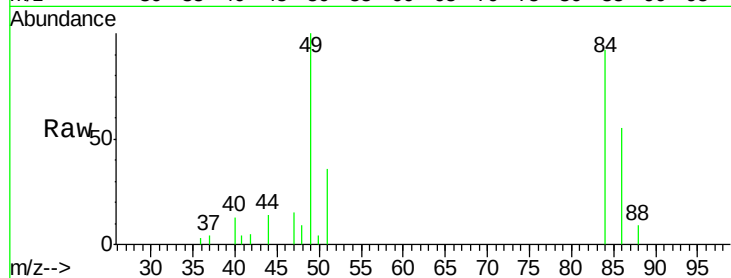




#20
Methylene Chloride
Concen: 1.470 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN053363.D
Acq: 11 Jan 2019 13:49

Tot Ion: 84 Resp: 16772

Ion	Ratio	Lower	Upper
84	100		
49	108.5	95.3	142.9
51	38.9	29.0	43.6
86	59.9	51.7	77.5

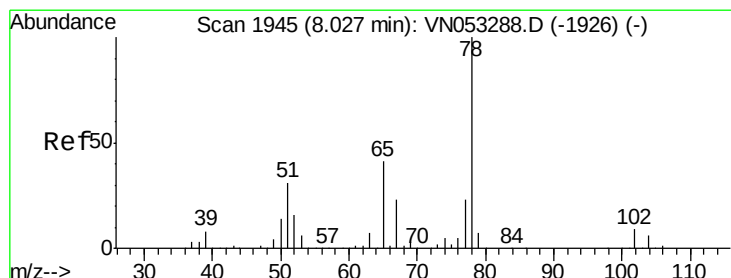
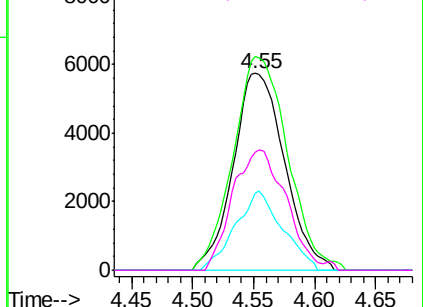
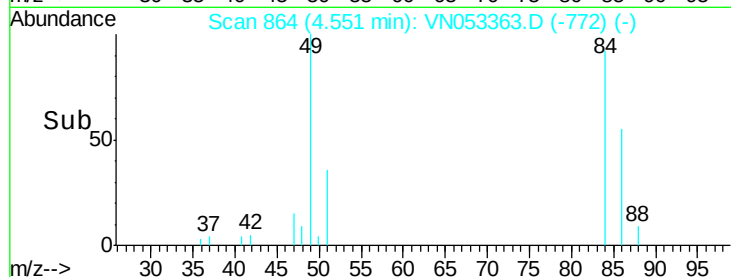


Abundance Ion 83.90 (83.60 to 84.60): VN0

Ion 48.90 (48.60 to 49.60): VN0

Ion 50.90 (50.60 to 51.60): VN0

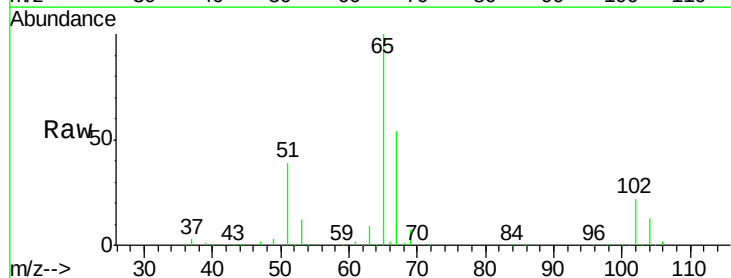
Ion 85.90 (85.60 to 86.60): VN0



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053363.D
Acq: 11 Jan 2019 13:49

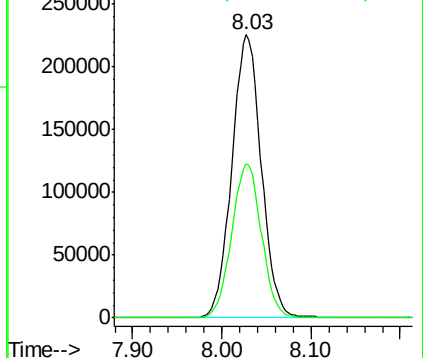
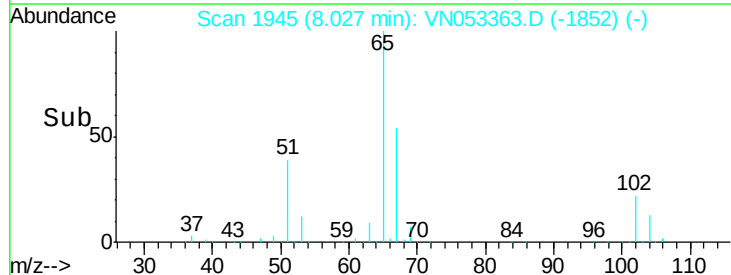
Tgt Ion: 65 Resp: 516890

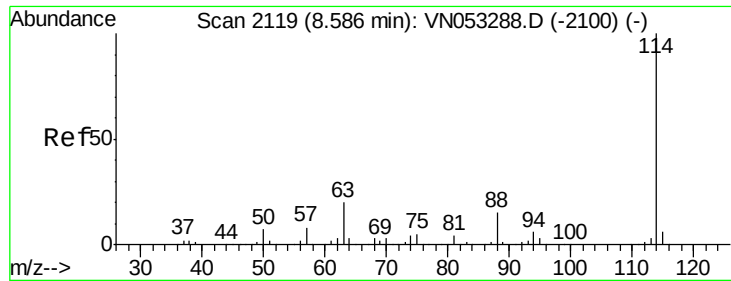
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	111.0



Abundance Ion 64.90 (64.60 to 65.60): VN0

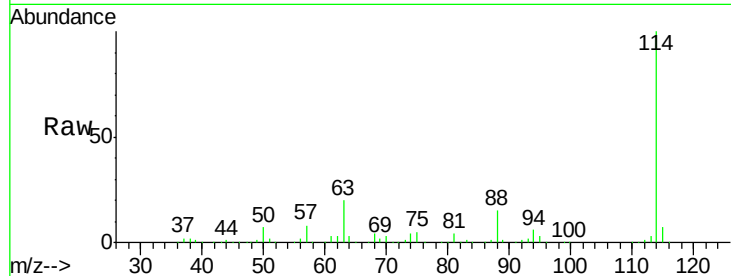
Ion 66.90 (66.60 to 67.60): VN0



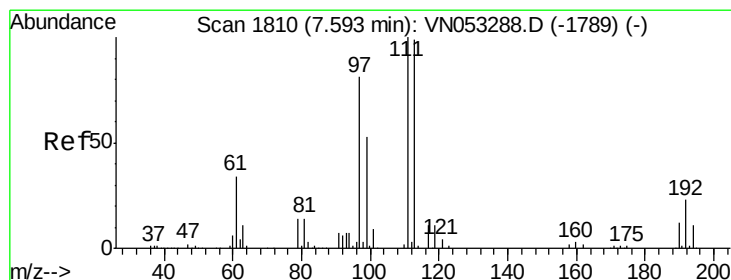
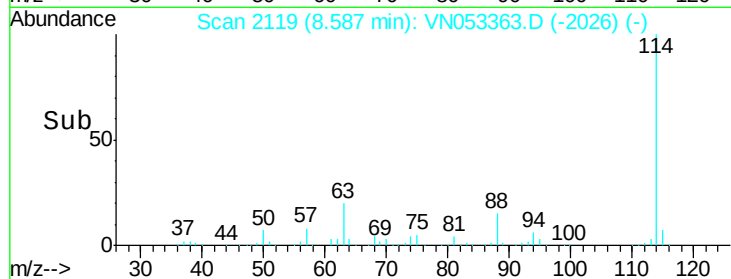
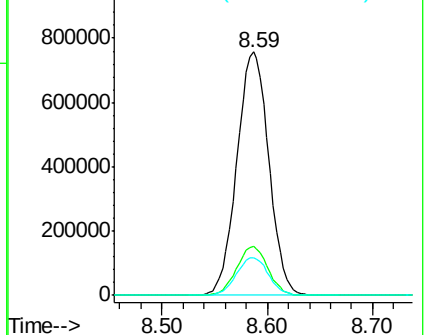


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053363.D
 Acq: 11 Jan 2019 13:49

Tot Ion:114 Resp: 1591326
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.4 0.0 30.8

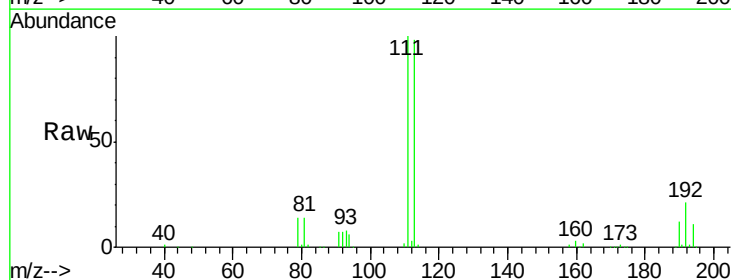


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

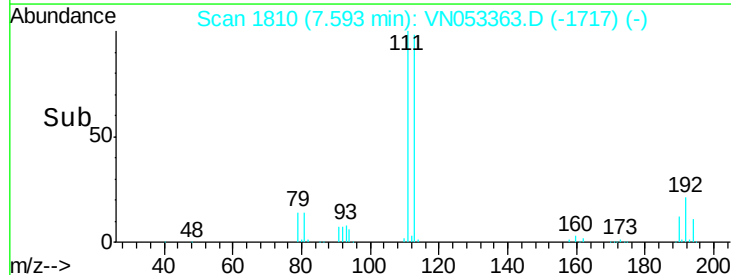
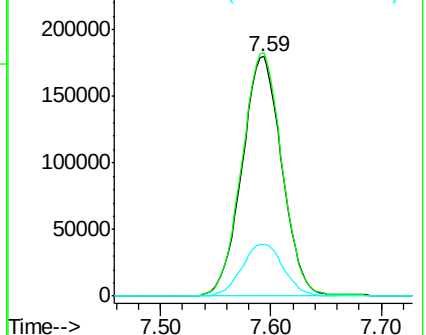


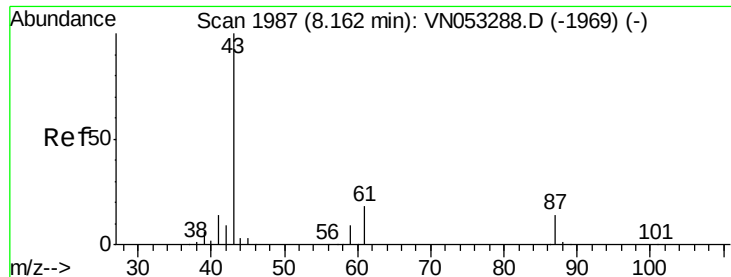
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053363.D
 Acq: 11 Jan 2019 13:49

Tgt Ion:113 Resp: 450100
 Ion Ratio Lower Upper
 113 100
 111 102.2 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: 2.372 ug/l

RT: 8.17 min Scan# 1989

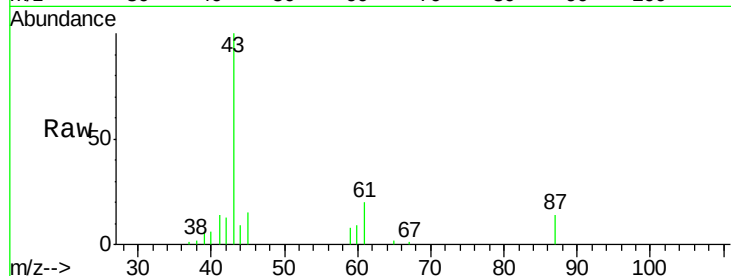
Delta R.T. 0.01 min

Lab File: VN053363.D

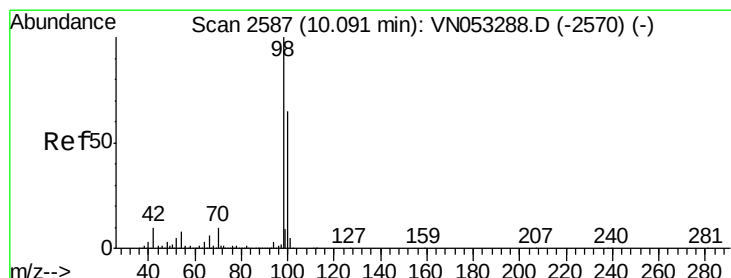
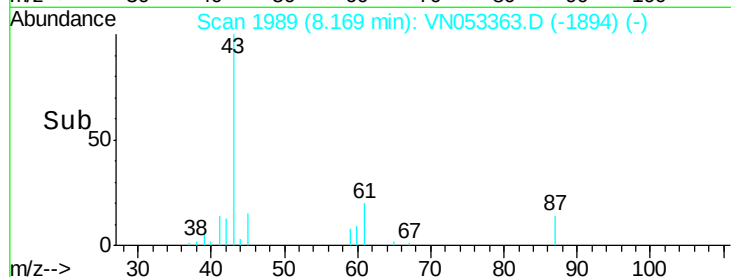
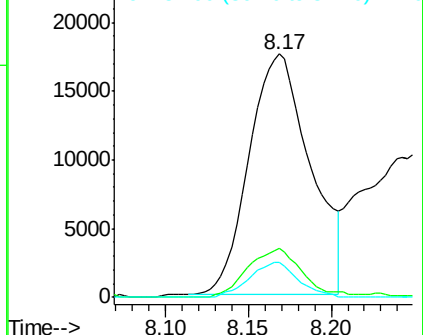
Acq: 11 Jan 2019 13:49

Tot Ion: 43 Resp: 45159

Ion	Ratio	Lower	Upper
43	100		
61	18.1	23.3	34.9#
87	11.5	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

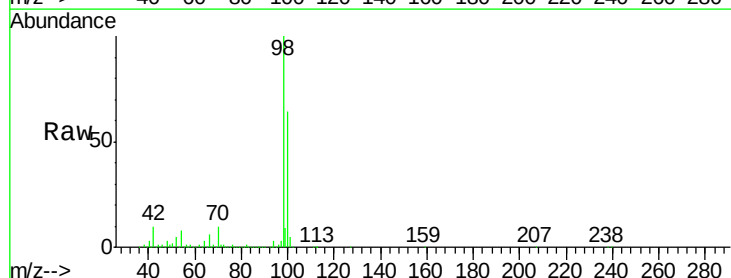
Delta R.T. 0.00 min

Lab File: VN053363.D

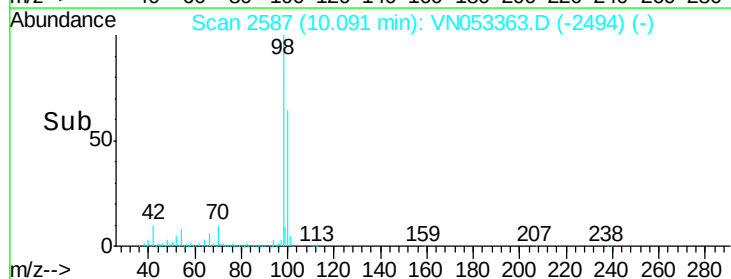
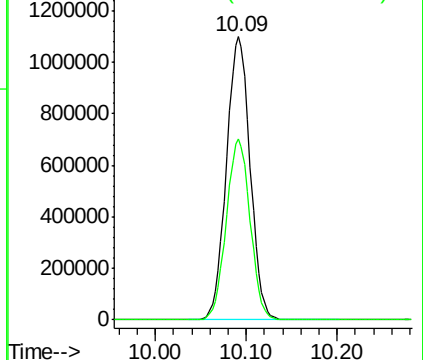
Acq: 11 Jan 2019 13:49

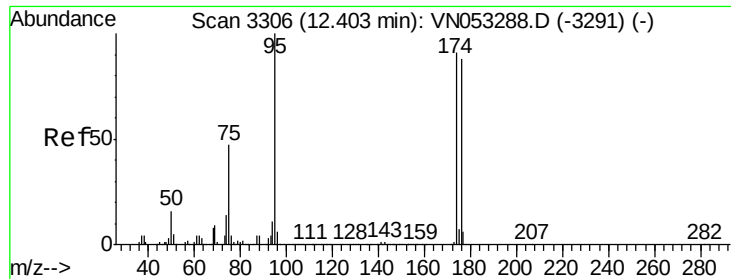
Tgt Ion: 98 Resp: 1988494

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3



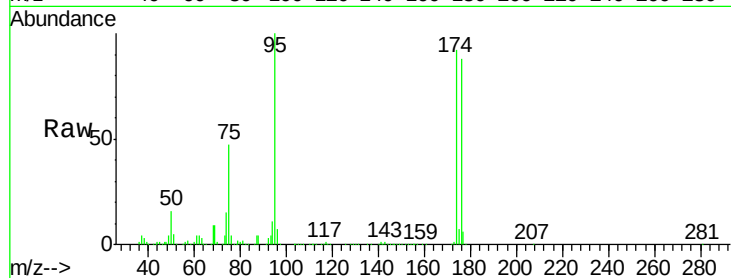
Abundance Ion 98.00 (97.70 to 98.70): VN053288.D (-2570) (-)



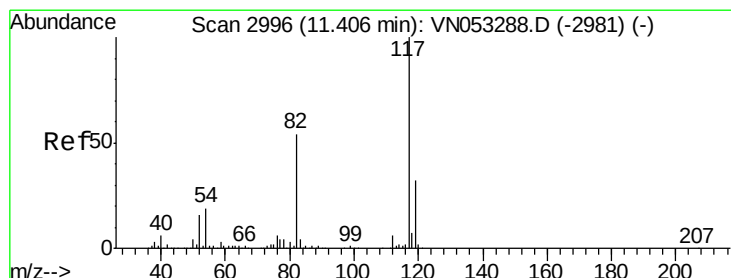
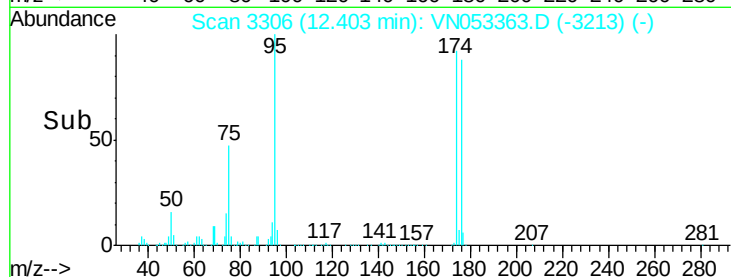
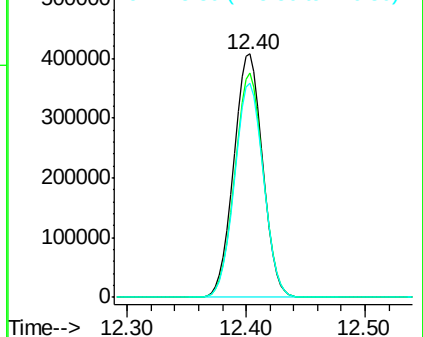


#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053363.D
Acq: 11 Jan 2019 13:49

Tot Ion: 95 Resp: 685492
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.4
176 88.1 0.0 175.6

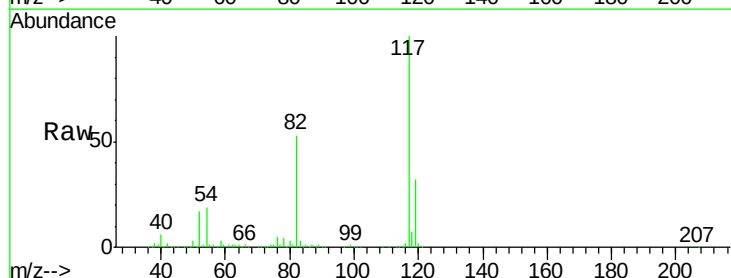


Abundance Ion 94.90 (94.60 to 95.60): VN053288.D (-3291) (-)
Ion 173.80 (173.50 to 174.50): VN053288.D (-3291) (-)
Ion 175.80 (175.50 to 176.50): VN053288.D (-3291) (-)

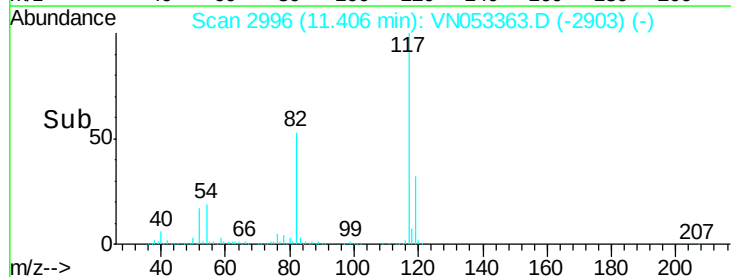
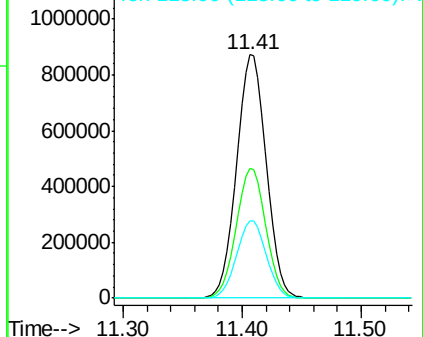


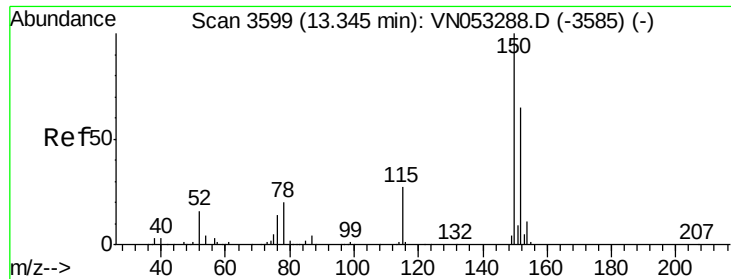
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053363.D
Acq: 11 Jan 2019 13:49

Tgt Ion: 117 Resp: 1504649
Ion Ratio Lower Upper
117 100
82 53.3 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) (-)

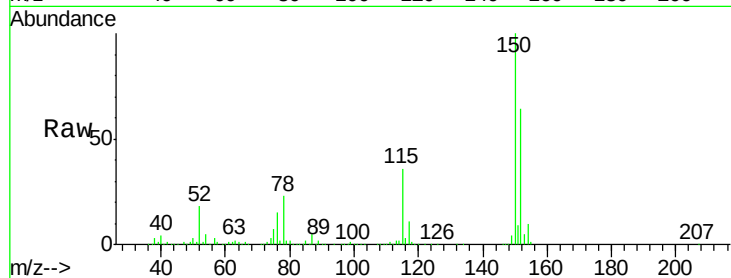




#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053363.D
 Acq: 11 Jan 2019 13:49

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	28.0	84.0
150	156.9	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

