

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011019\
 Data File : VN053344.D
 Acq On : 10 Jan 2019 16:21
 Operator : MD\SY
 Sample : K1087-17
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-444-C

Quant Time: Jan 11 06:31:27 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

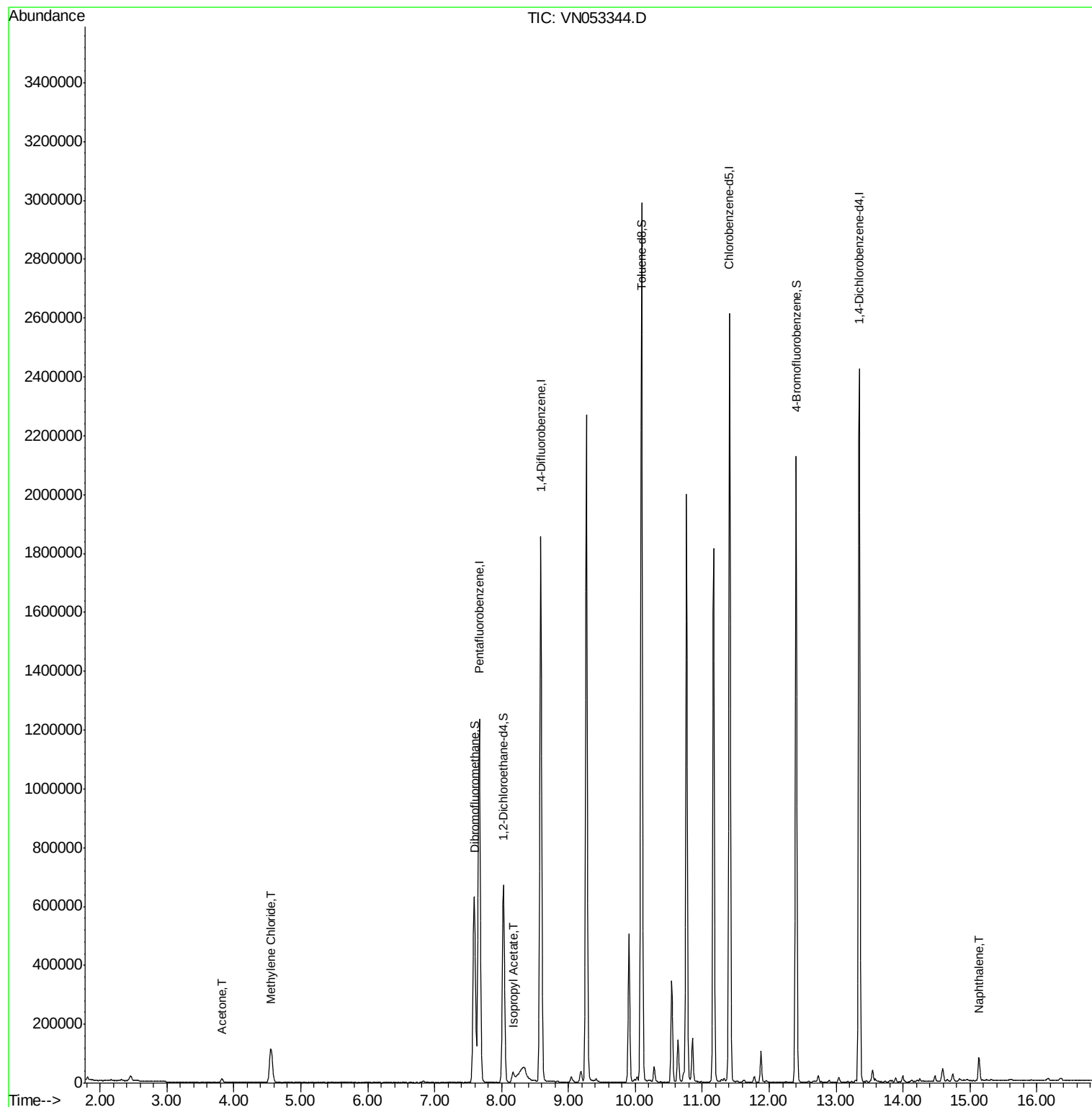
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1097739	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1716694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1609025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	700272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	557273	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
35) Dibromofluoromethane	7.59	113	484698	49.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.20%	
50) Toluene-d8	10.09	98	2135403	50.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.30%	
62) 4-Bromofluorobenzene	12.40	95	740410	50.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.34%	
Target Compounds						
16) Acetone	3.82	43	21380	5.593	ug/l	99
20) Methylene Chloride	4.55	84	93887	7.654	ug/l	96
43) Isopropyl Acetate	8.17	43	46525	2.266	ug/l #	81
95) Naphthalene	15.13	128	72232	5.867	ug/l	99

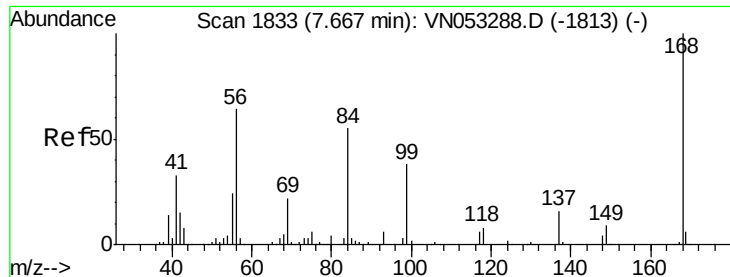
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN053344.D

Acq: 10 Jan 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

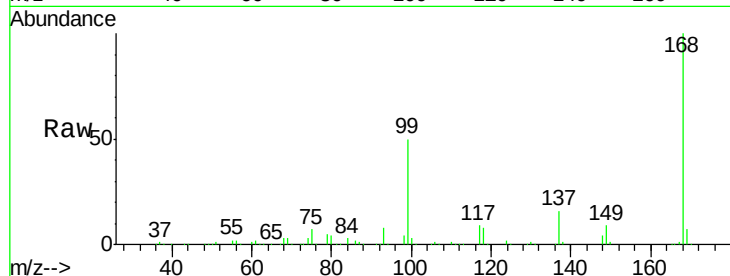
MH-444-C

Tot Ion:168 Resp: 1097739

Ion Ratio Lower Upper

168 100

99 49.8 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

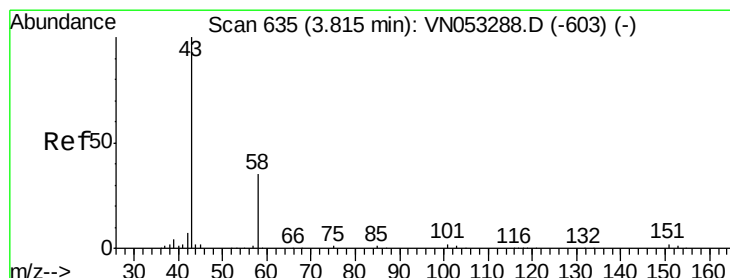
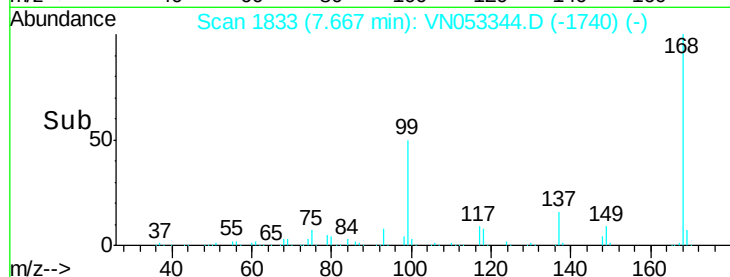
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.593 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.00 min

Lab File: VN053344.D

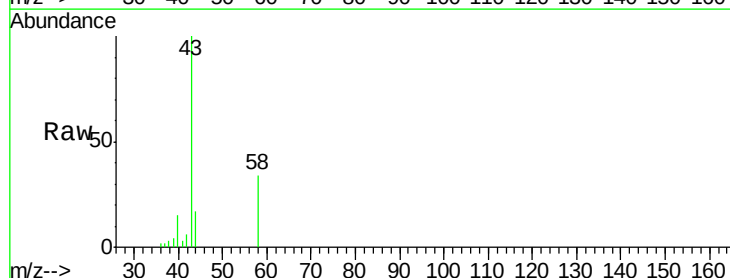
Acq: 10 Jan 2019 16:21

Tgt Ion: 43 Resp: 21380

Ion Ratio Lower Upper

43 100

58 33.9 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

8000

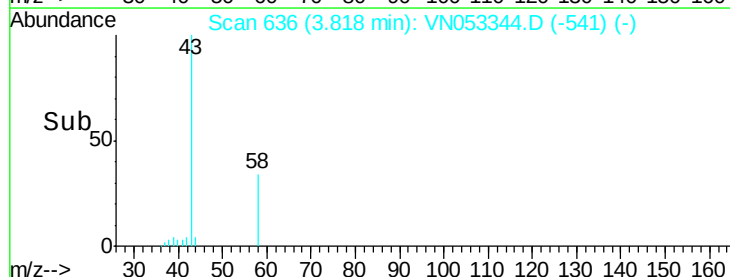
6000

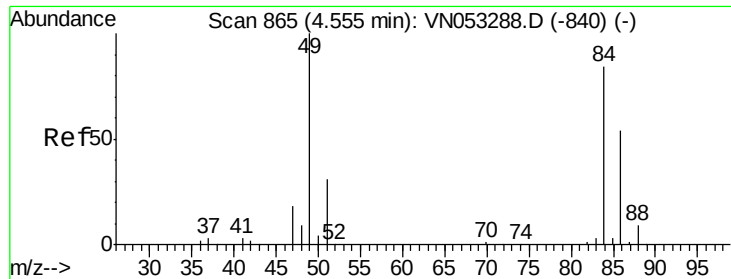
4000

2000

0

Time-->

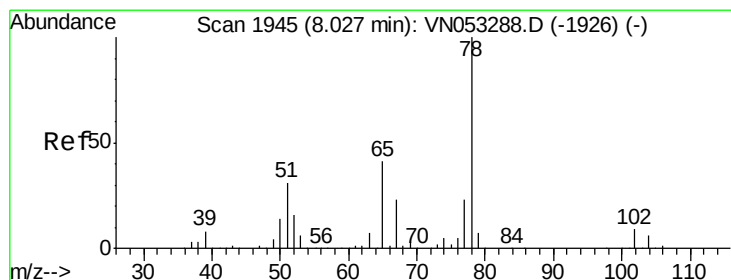
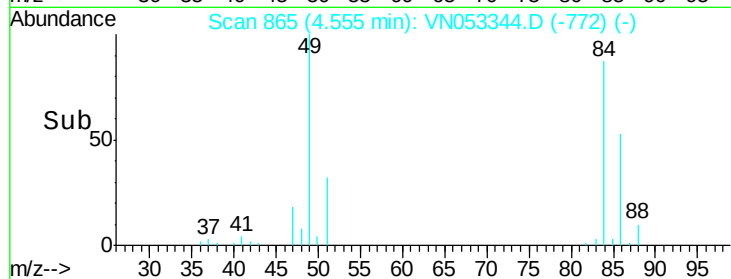
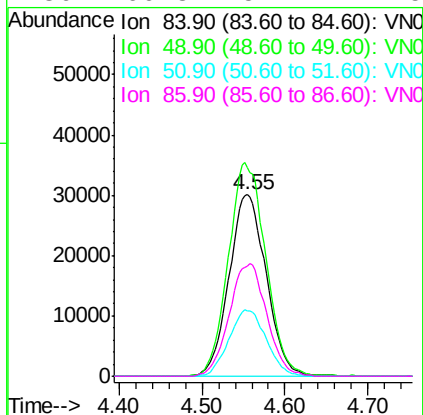
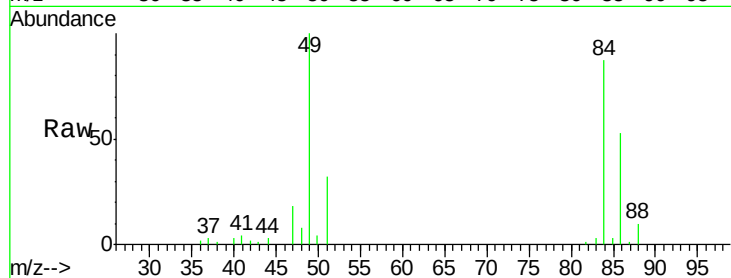




#20
Methylene Chloride
Concen: 7.654 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

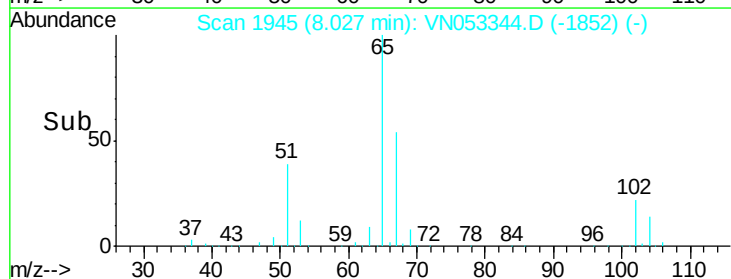
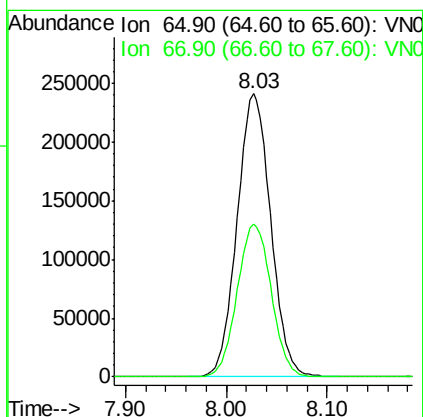
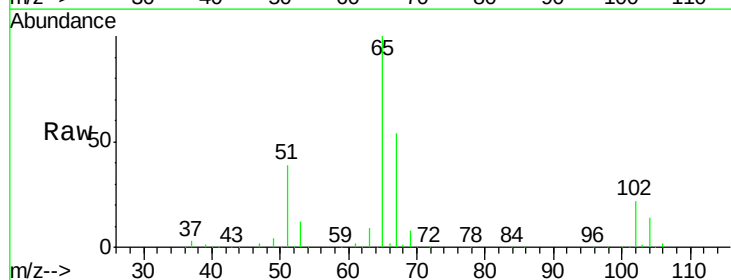
Instrument :
MSVOA_N
ClientSampleId :
MH-444-C

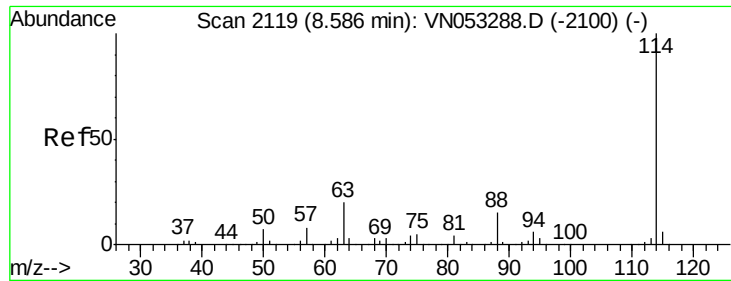
Tot Ion:	84	Resp:	93887
Ion	Ratio	Lower	Upper
84	100		
49	114.7	95.3	142.9
51	36.2	29.0	43.6
86	60.8	51.7	77.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053344.D
Acq: 10 Jan 2019 16:21

Tgt Ion:	65	Resp:	557273
Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	111.0

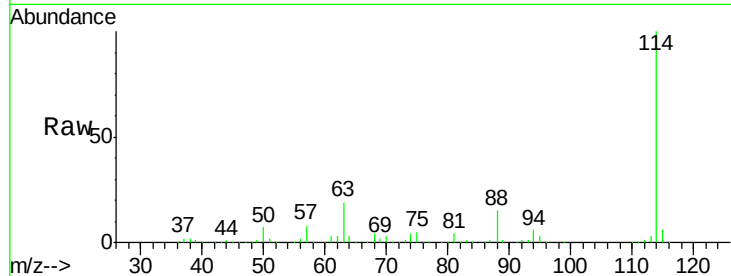




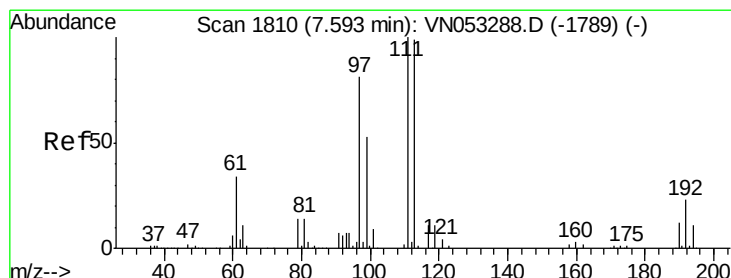
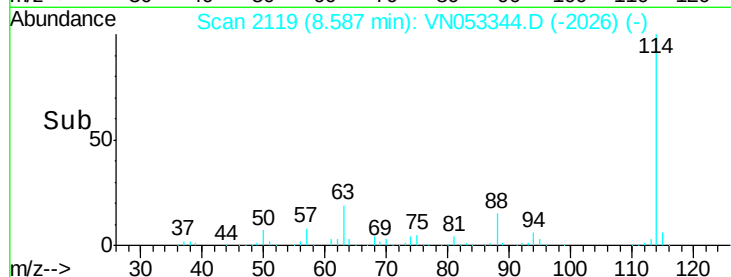
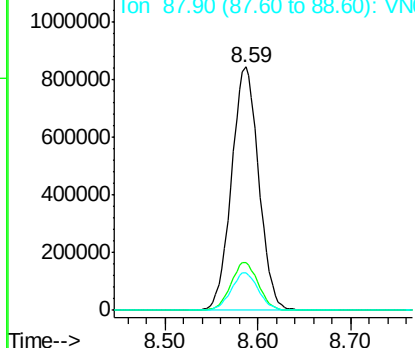
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053344.D
 Acq: 10 Jan 2019 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 MH-444-C

Tot Ion:114 Resp: 1716694
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.3 0.0 30.8

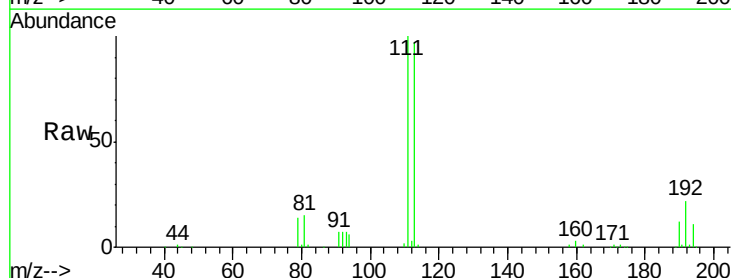


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

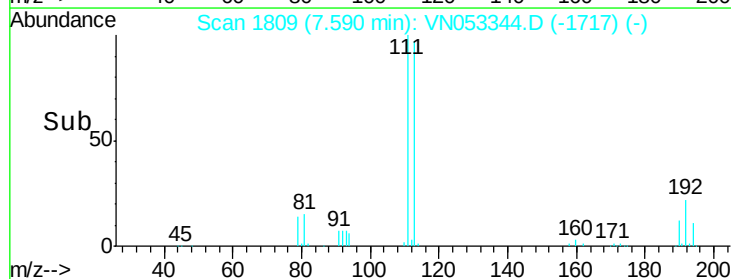
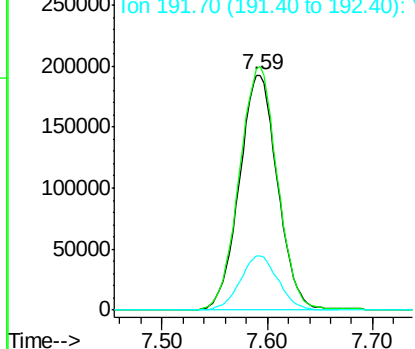


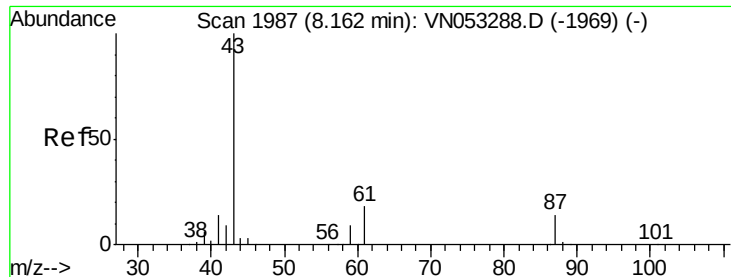
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN053344.D
 Acq: 10 Jan 2019 16:21

Tgt Ion:113 Resp: 484698
 Ion Ratio Lower Upper
 113 100
 111 104.0 81.4 122.2
 192 22.9 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: 2.266 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053344.D

Acq: 10 Jan 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

MH-444-C

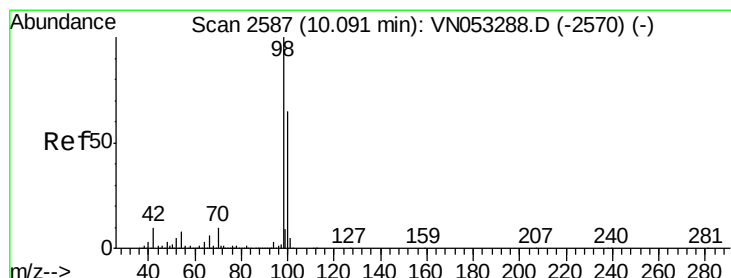
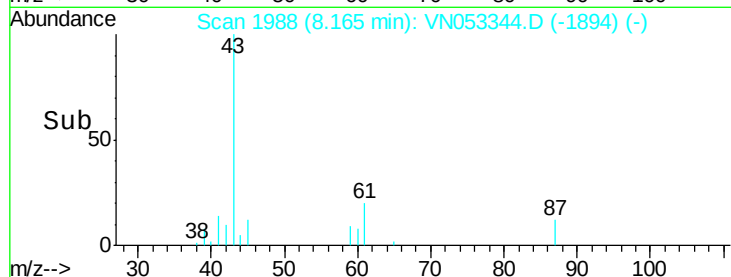
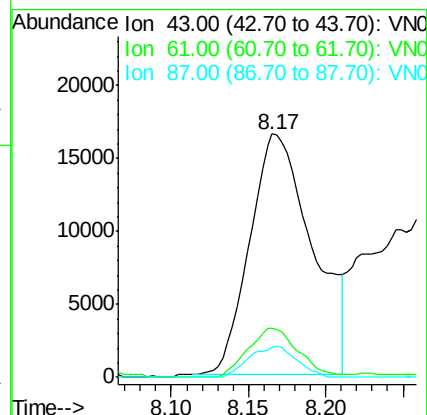
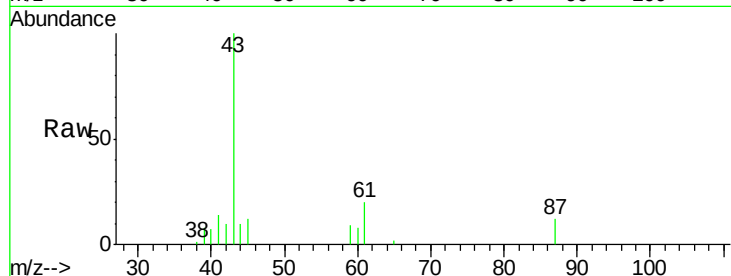
Tot Ion: 43 Resp: 46525

Ion Ratio Lower Upper

43 100

61 16.5 23.3 34.9#

87 9.7 10.8 16.2#



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053344.D

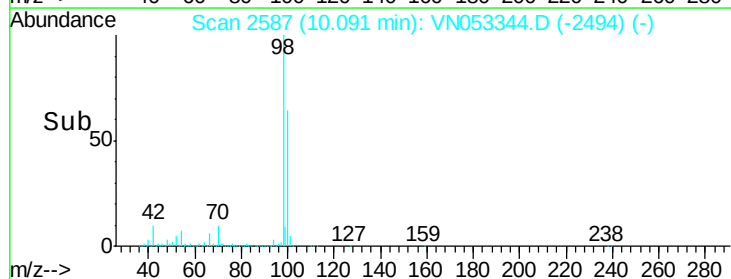
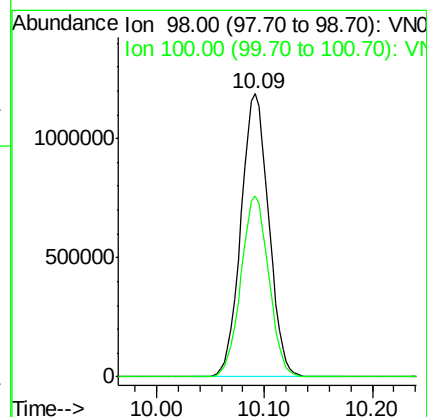
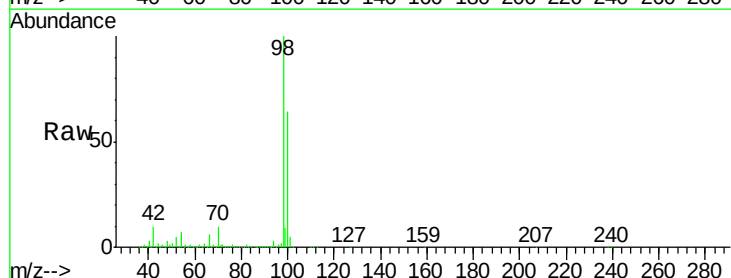
Acq: 10 Jan 2019 16:21

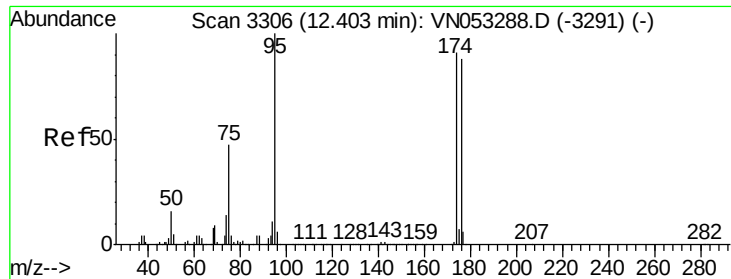
Tgt Ion: 98 Resp: 2135403

Ion Ratio Lower Upper

98 100

100 64.0 51.5 77.3





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053344.D

Acq: 10 Jan 2019 16:21

Instrument :

MSVOA_N

ClientSampleId :

MH-444-C

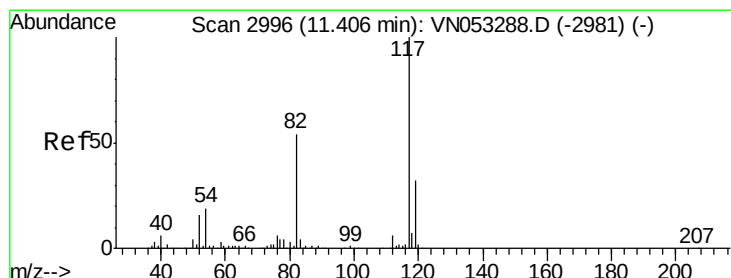
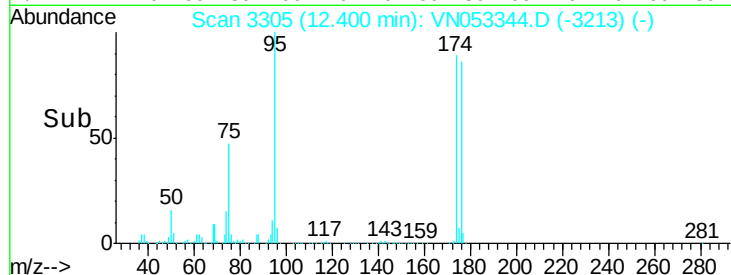
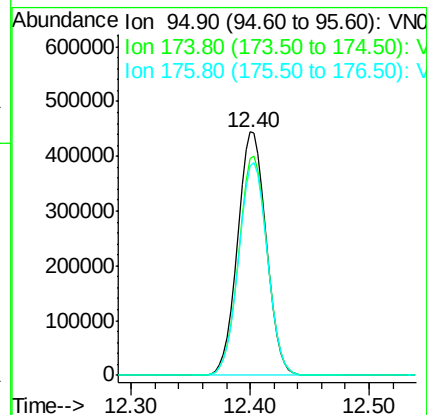
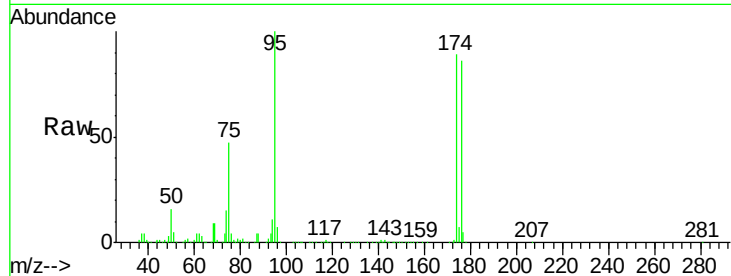
Tot Ion: 95 Resp: 740410

Ion Ratio Lower Upper

95 100

174 90.0 0.0 180.4

176 87.7 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: VN053344.D

Acq: 10 Jan 2019 16:21

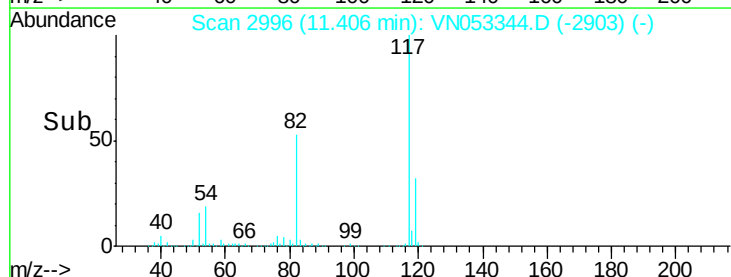
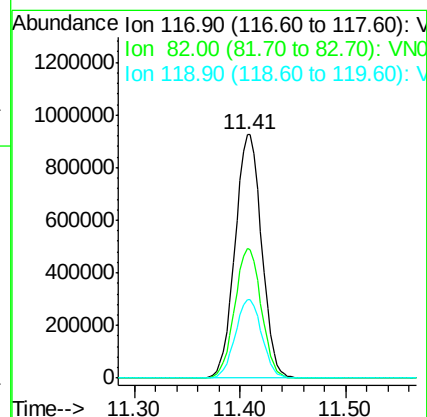
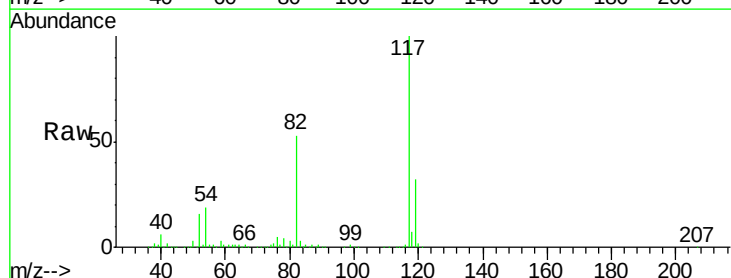
Tgt Ion: 117 Resp: 1609025

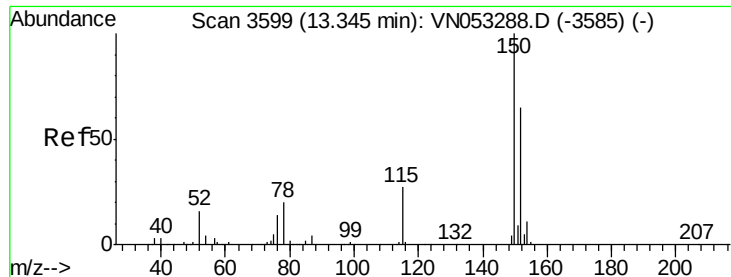
Ion Ratio Lower Upper

117 100

82 53.3 42.9 64.3

119 32.1 25.6 38.4

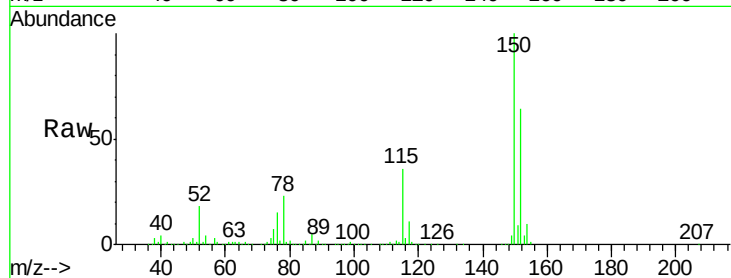




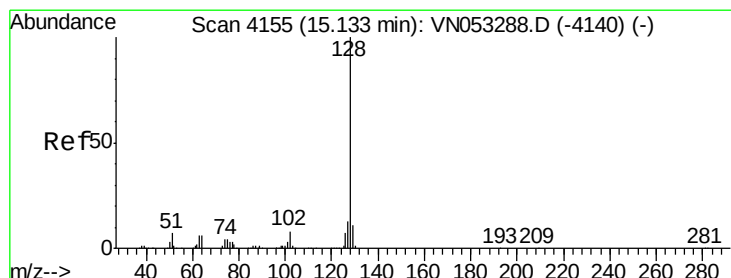
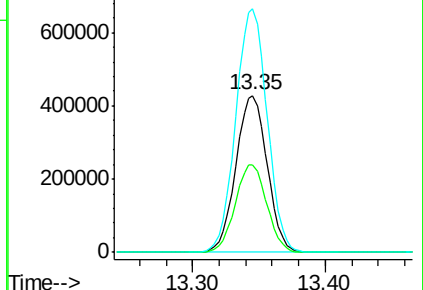
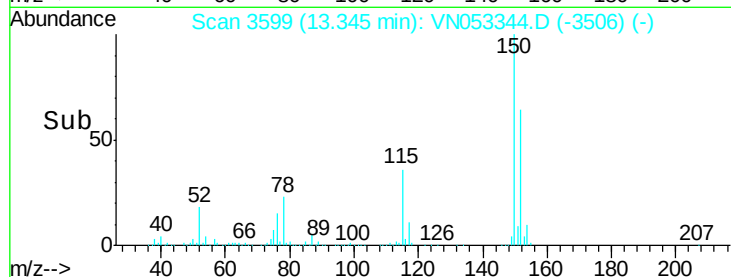
#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3599
 Delta R.T. 0.00 min
 Lab File: VN053344.D
 Acq: 10 Jan 2019 16:21

Instrument :
 MSVOA_N
 ClientSampled :
 MH-444-C

Tot Ion:152 Resp: 700272
 Ion Ratio Lower Upper
 152 100
 115 56.2 28.0 84.0
 150 156.0 0.0 346.6

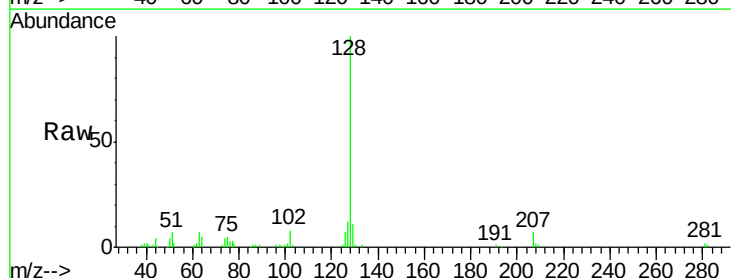


Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V



#95
 Naphthalene
 Concen: 5.867 ug/l
 RT: 15.13 min Scan# 4155
 Delta R.T. 0.00 min
 Lab File: VN053344.D
 Acq: 10 Jan 2019 16:21

Tgt Ion:128 Resp: 72232
 Ion Ratio Lower Upper
 128 100
 127 13.4 10.4 15.6
 129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

