

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053889.D
 Acq On : 21 Feb 2019 13:50
 Operator : JC/SP
 Sample : K1546-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200036

Quant Time: Feb 22 01:22:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

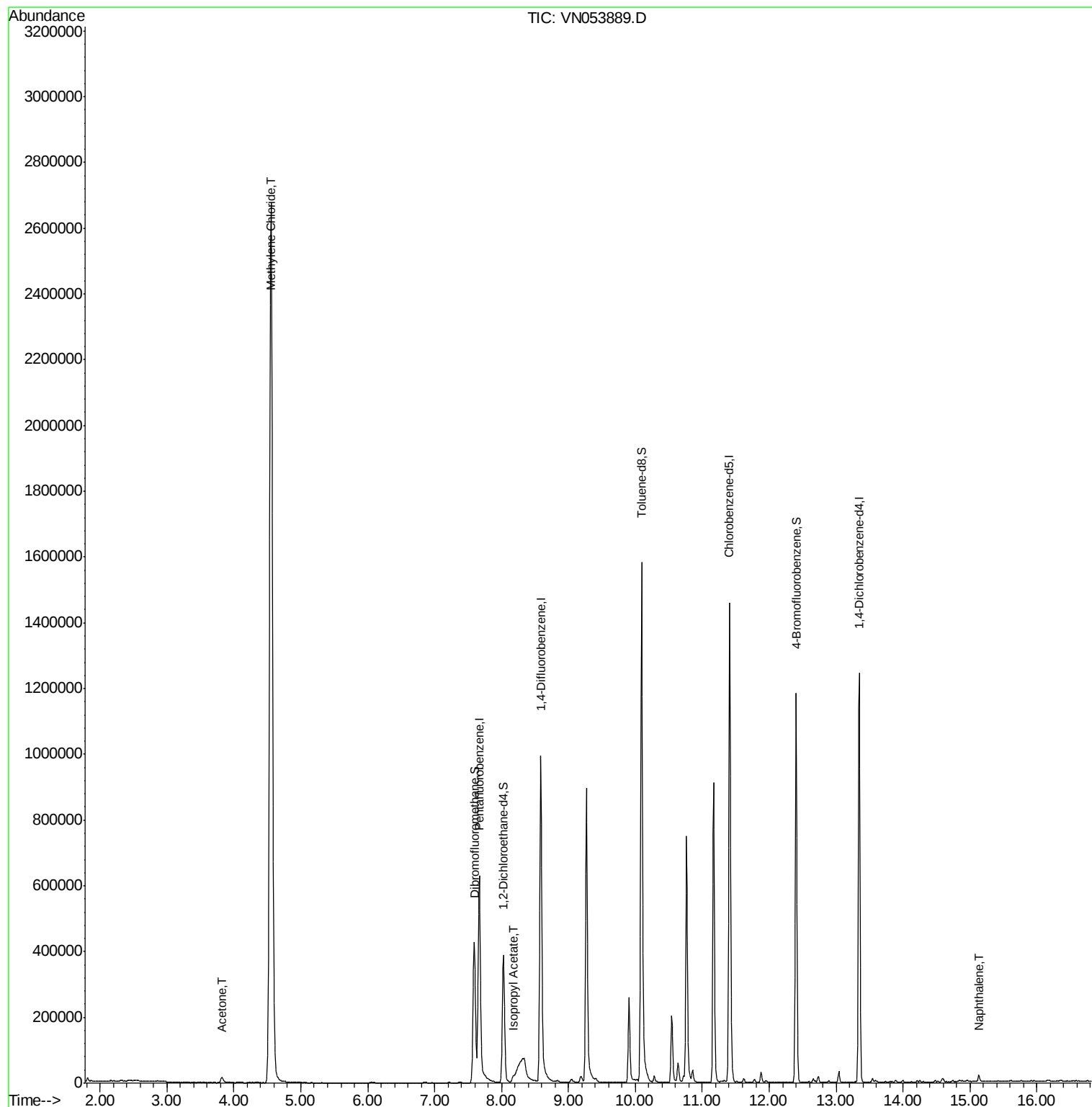
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	622352	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1046031	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	986464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	372610	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	331390	52.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.20%	
35) Dibromofluoromethane	7.59	113	337597	49.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.36%	
50) Toluene-d8	10.09	98	1282553	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.40	95	410133	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
Target Compounds						
16) Acetone	3.82	43	30204	17.267	ug/l	92
20) Methylene Chloride	4.55	84	2184123	333.515	ug/l	99
43) Isopropyl Acetate	8.18	43	25679	2.511	ug/l #	89
95) Naphthalene	15.13	128	17593	5.692	ug/l	98

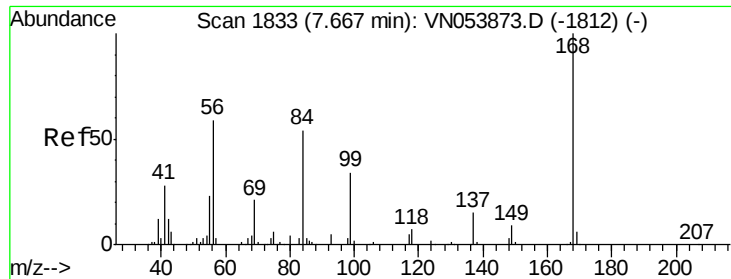
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Feb 21 03:36:07 2019
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: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

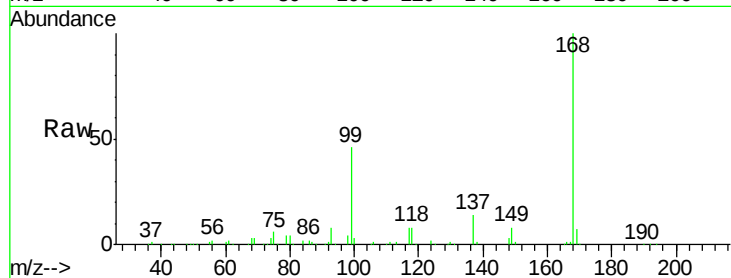
RBR-200036

Tot Ion:168 Resp: 622352

Ion Ratio Lower Upper

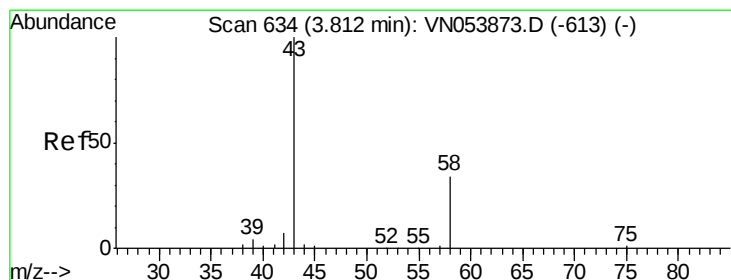
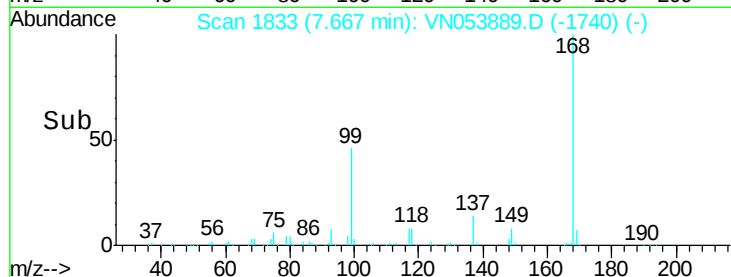
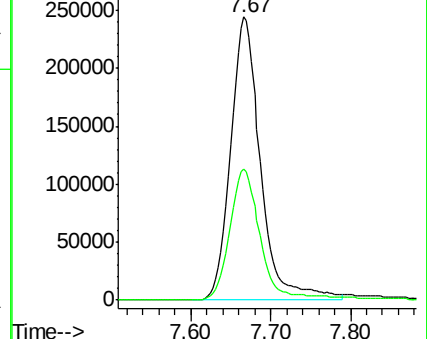
168 100

99 46.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 17.267 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053889.D

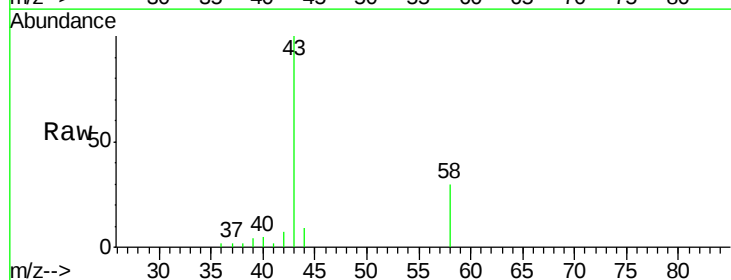
Acq: 21 Feb 2019 13:50

Tgt Ion: 43 Resp: 30204

Ion Ratio Lower Upper

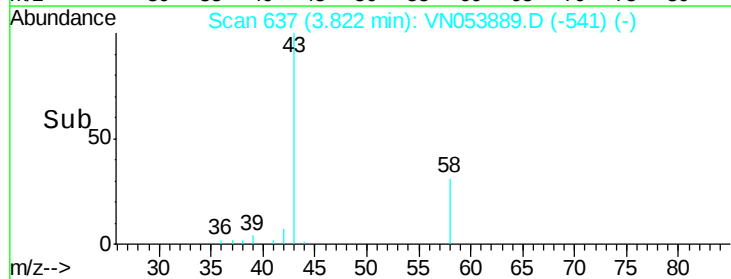
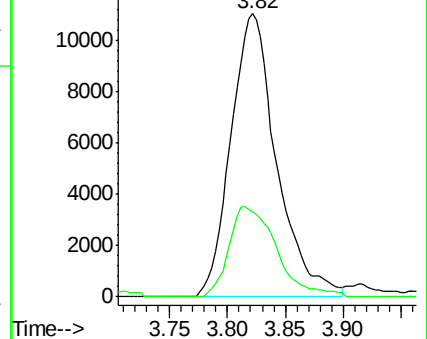
43 100

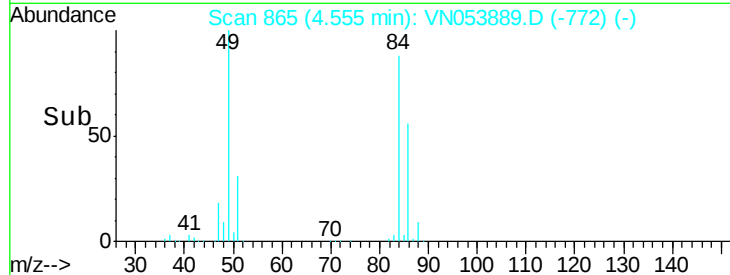
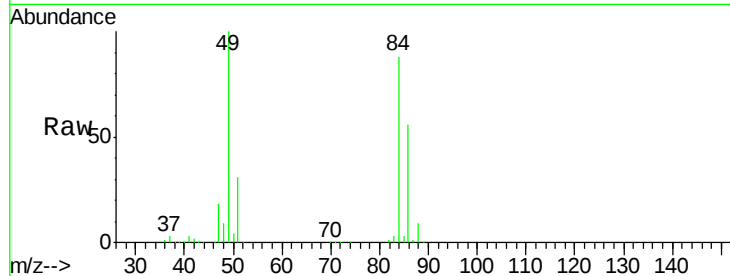
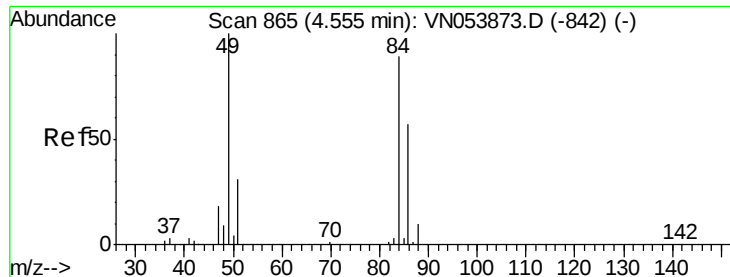
58 30.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO



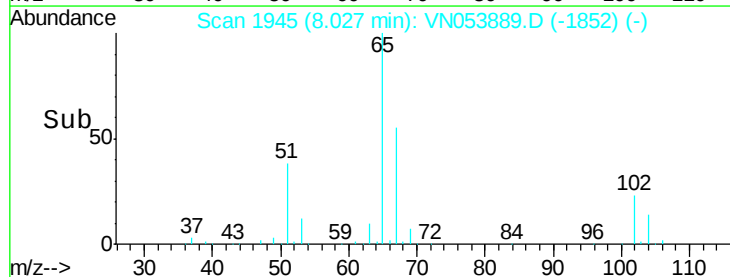
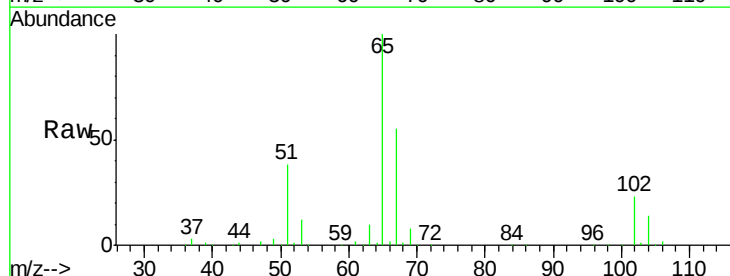
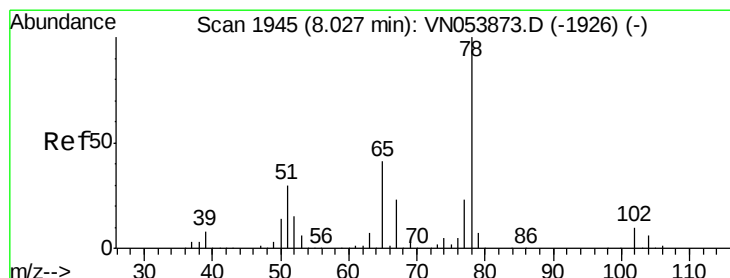
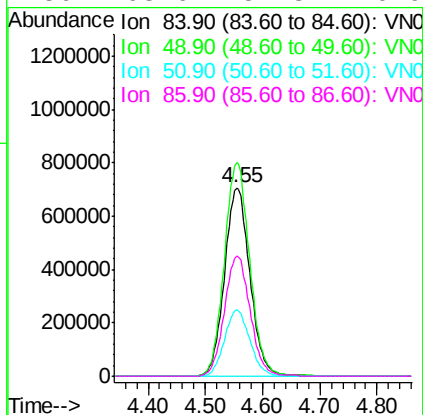


#20
Methylene Chloride
Concen: 333.515 ug/l
RT: 4.55 min Scan# 865
Delta R.T. 0.00 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

Instrument :
MSVOA_N
ClientSampleId :
RBR-200036

Tot Ion: 84 Resp: 2184123

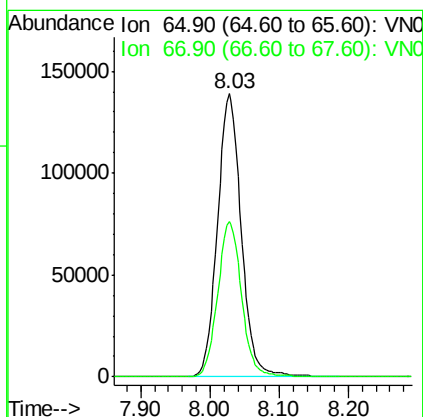
Ion	Ratio	Lower	Upper
84	100		
49	113.1	89.7	134.5
51	35.0	27.8	41.8
86	63.6	51.3	76.9

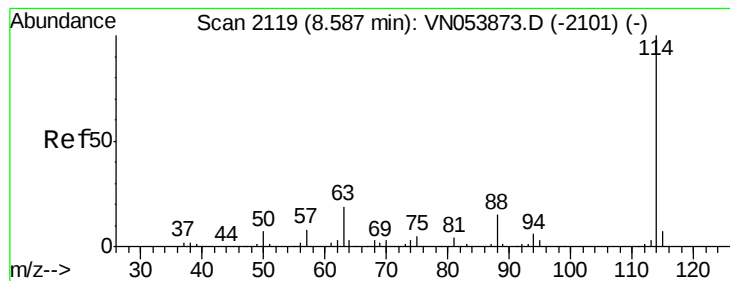


#33
1,2-Dichloroethane-d4
Concen: 52.103 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN053889.D
Acq: 21 Feb 2019 13:50

Tgt Ion: 65 Resp: 331390

Ion	Ratio	Lower	Upper
65	100		
67	55.1	0.0	111.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

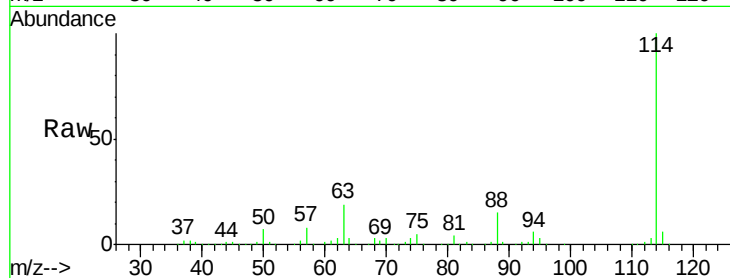
Tot Ion:114 Resp: 1046031

Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

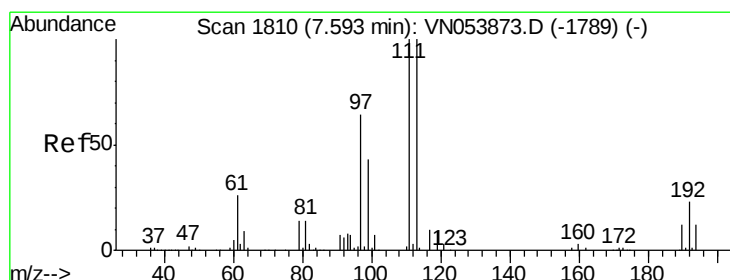
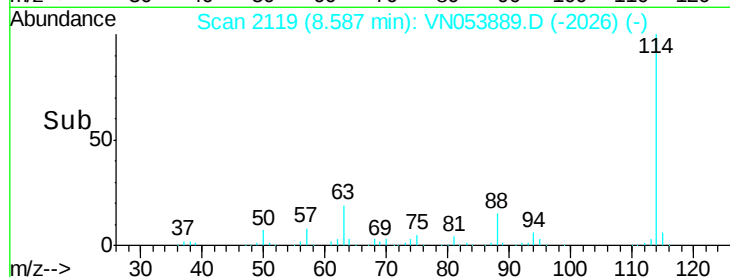
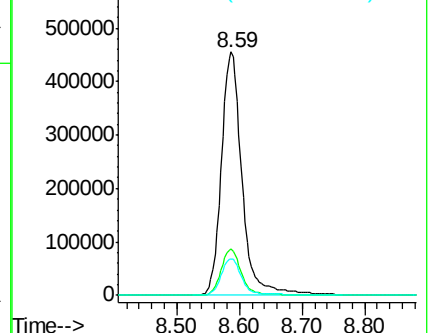
88 15.1 0.0 30.4



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: 49.177 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

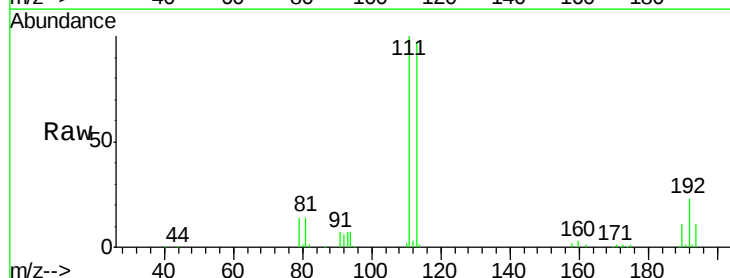
Tgt Ion:113 Resp: 337597

Ion Ratio Lower Upper

113 100

111 101.3 81.1 121.7

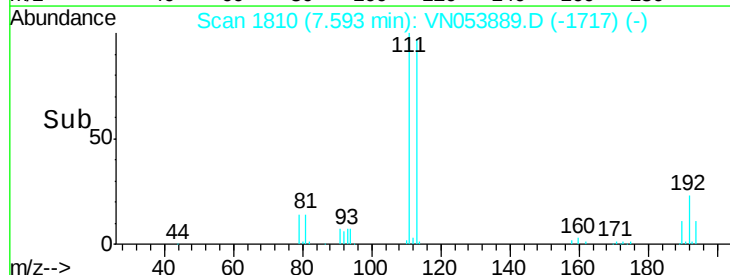
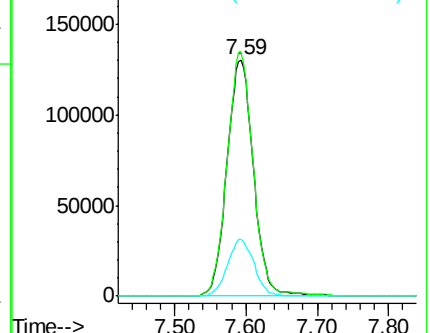
192 24.0 18.8 28.2

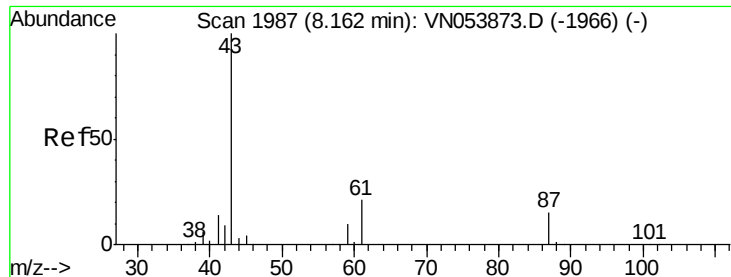


Abundance Ion 112.80 (112.50 to 113.50): V

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: 8.18 min Scan# 1991

Delta R.T. 0.01 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

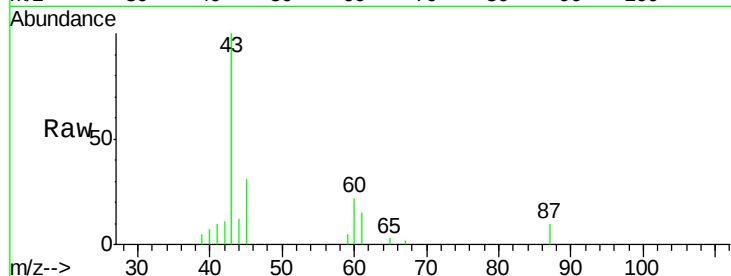
Tot Ion: 43 Resp: 25679

Ion Ratio Lower Upper

43 100

61 16.1 17.4 26.0#

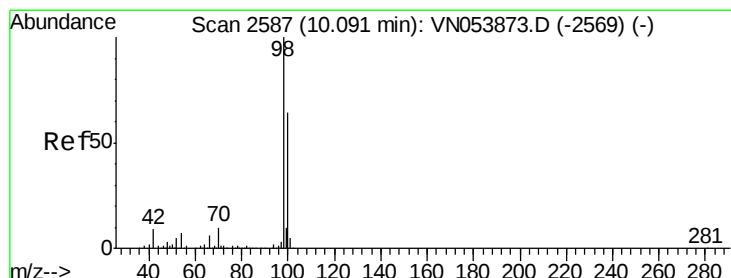
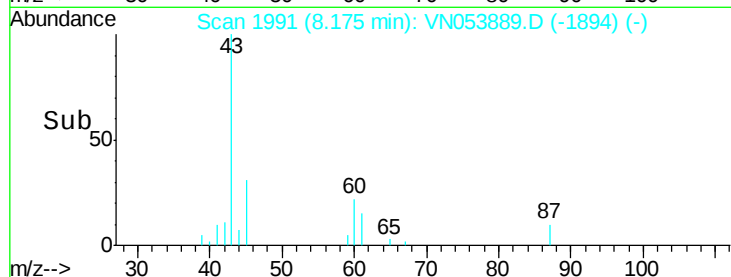
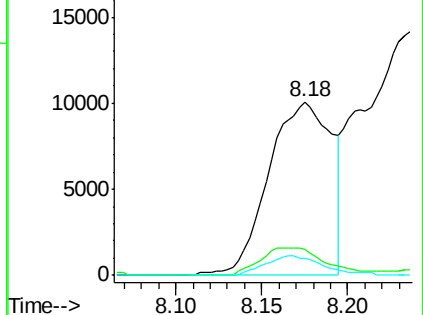
87 10.0 11.5 17.3#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0



#50

Toluene-d8

Concen: 51.728 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053889.D

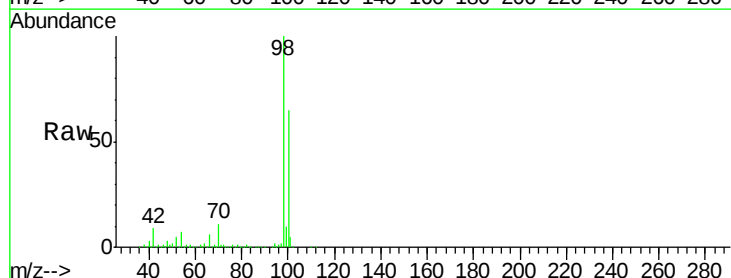
Acq: 21 Feb 2019 13:50

Tgt Ion: 98 Resp: 1282553

Ion Ratio Lower Upper

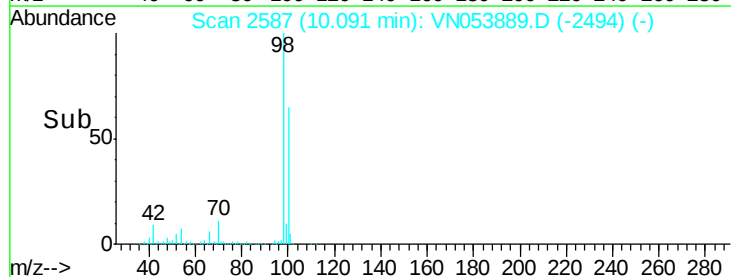
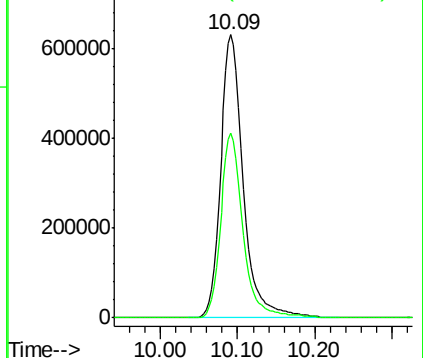
98 100

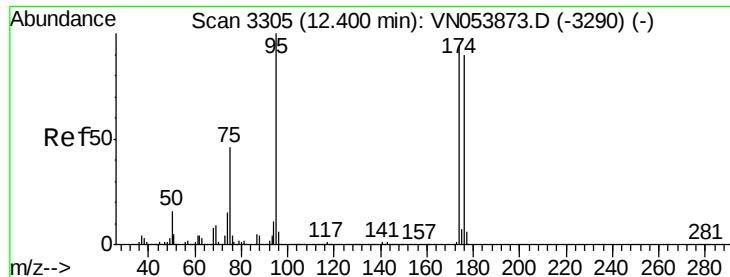
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 50.104 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

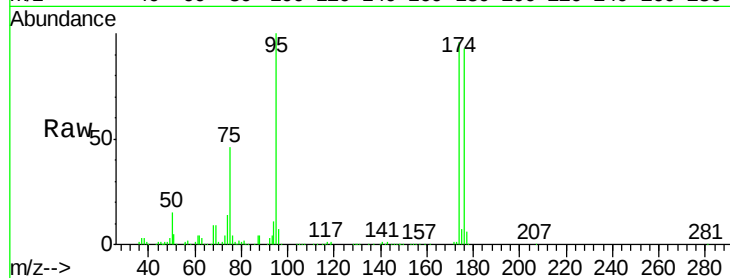
Tot Ion: 95 Resp: 410133

Ion Ratio Lower Upper

95 100

174 96.4 0.0 188.8

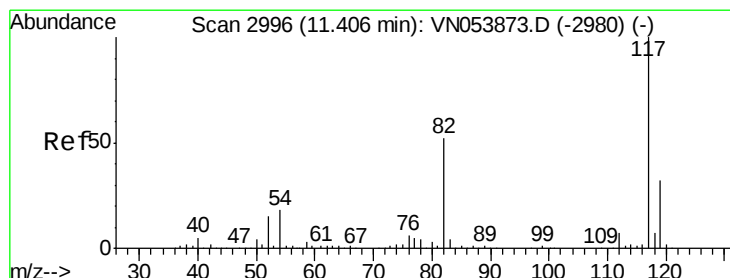
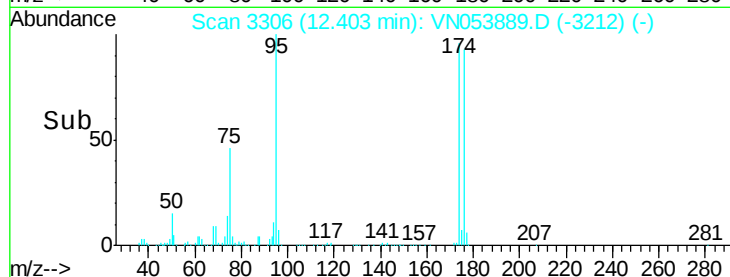
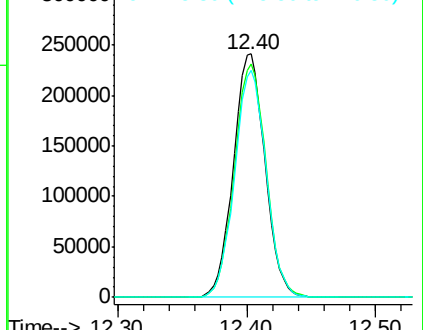
176 93.2 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

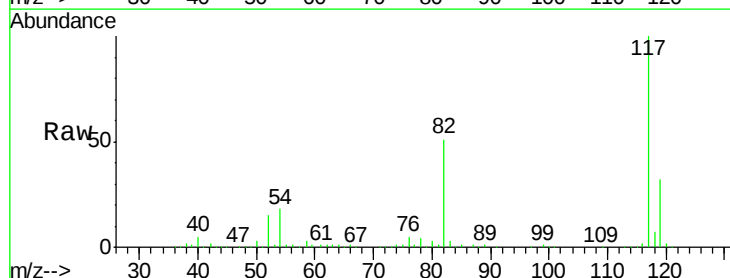
Tgt Ion: 117 Resp: 986464

Ion Ratio Lower Upper

117 100

82 51.5 41.4 62.2

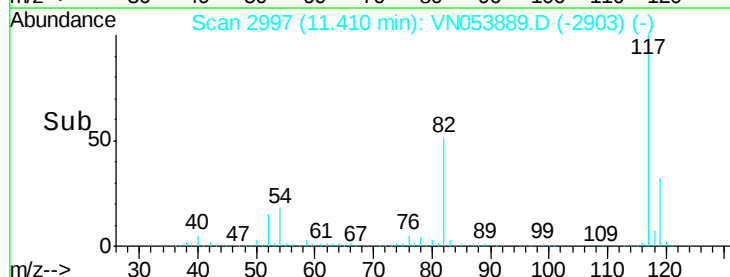
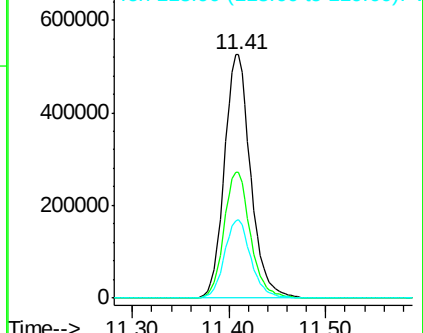
119 32.1 25.3 37.9

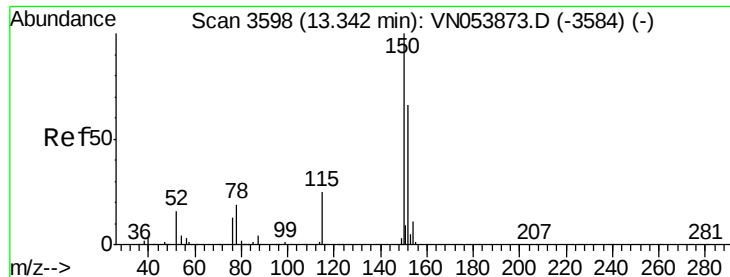


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

Instrument :

MSVOA_N

ClientSampleId :

RBR-200036

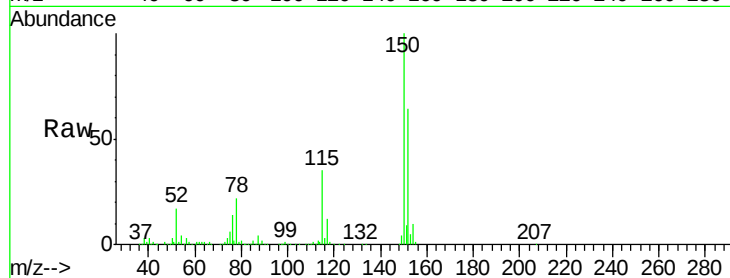
Tot Ion:152 Resp: 372610

Ion Ratio Lower Upper

152 100

115 54.7 27.2 81.6

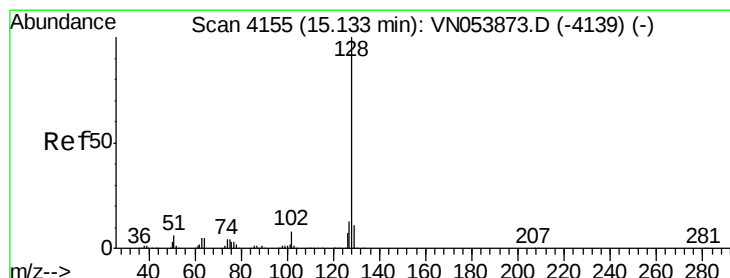
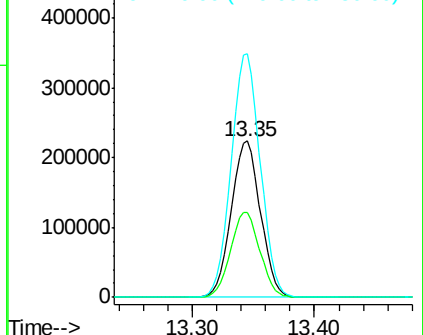
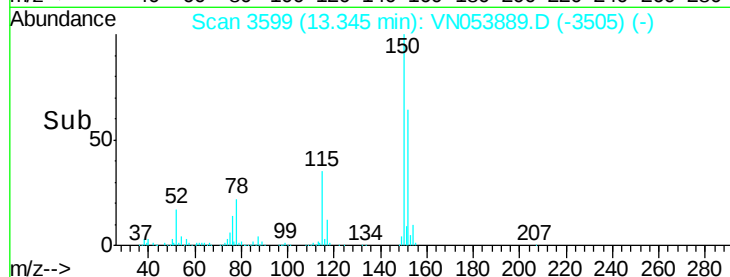
150 155.1 0.0 348.2



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: 5.692 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053889.D

Acq: 21 Feb 2019 13:50

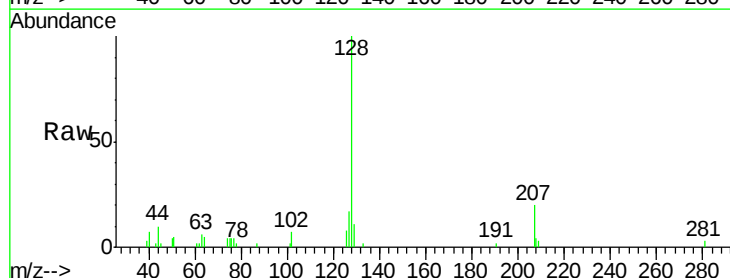
Tgt Ion:128 Resp: 17593

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.2

129 11.3 8.6 12.8



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

