

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053489.D
 Acq On : 18 Jan 2019 22:51
 Operator : JC/SP
 Sample : K1173-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 32 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

Quant Time: Jan 19 01:30:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 16 03:10:53 2019
 Response via : Initial Calibration

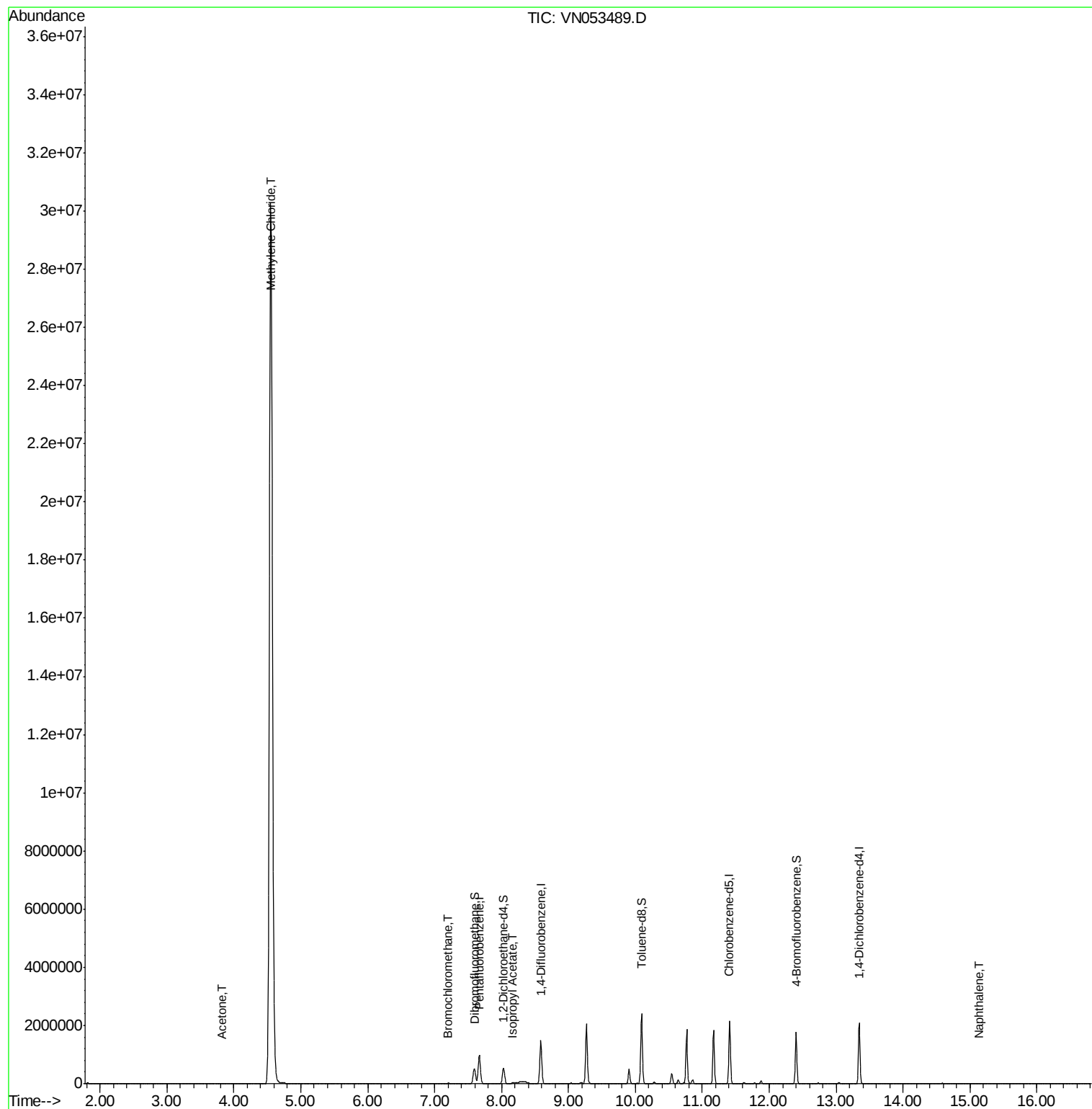
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	877262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1393229	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	596694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	453783	52.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.66%	
35) Dibromofluoromethane	7.59	113	399698	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	1738666	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.40	95	604630	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
Target Compounds						
16) Acetone	3.82	43	11236	5.523	ug/l	98
20) Methylene Chloride	4.55	84	24101199	2594.913	ug/l	95
28) Bromochloromethane	7.20	49	11257	1.632	ug/l #	96
43) Isopropyl Acetate	8.17	43	45453	3.463	ug/l #	79
95) Naphthalene	15.14	128	10673	4.620	ug/l	98

(#) = 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: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

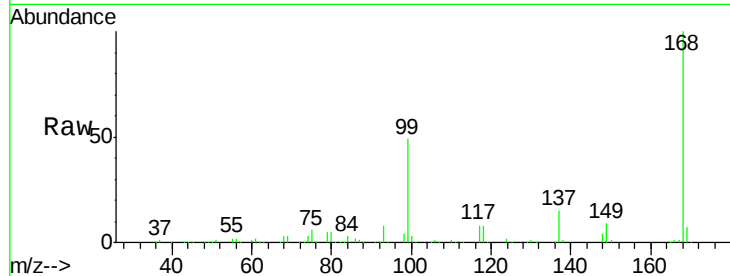
RBR-200052

Tot Ion:168 Resp: 877262

Ion Ratio Lower Upper

168 100

99 49.4 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

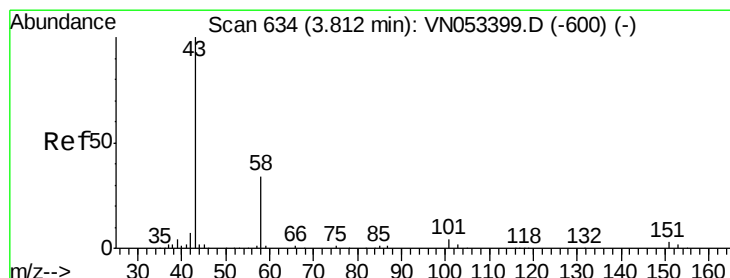
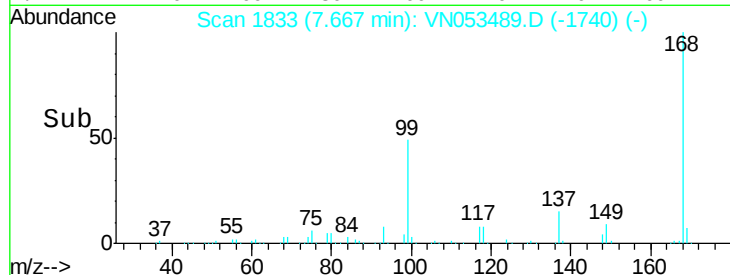
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.523 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053489.D

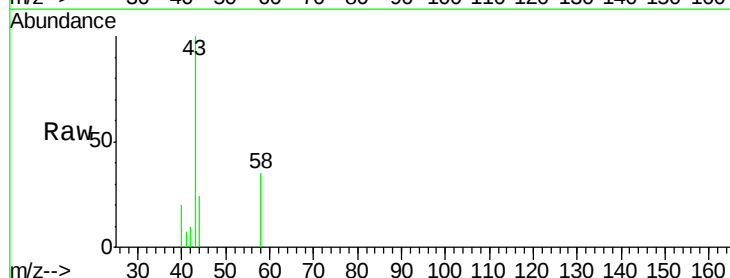
Acq: 18 Jan 2019 22:51

Tgt Ion: 43 Resp: 11236

Ion Ratio Lower Upper

43 100

58 35.1 27.1 40.7



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.82

4000

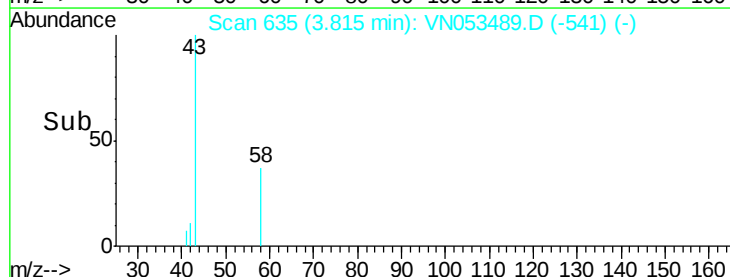
3000

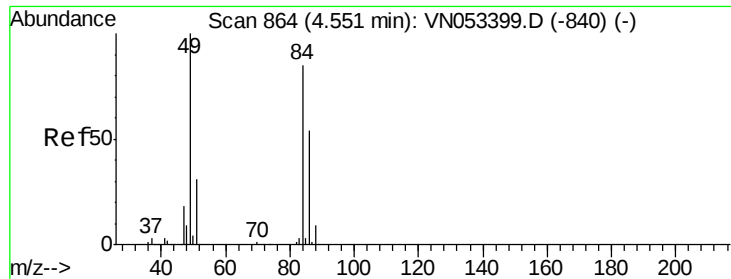
2000

1000

0

Time-->



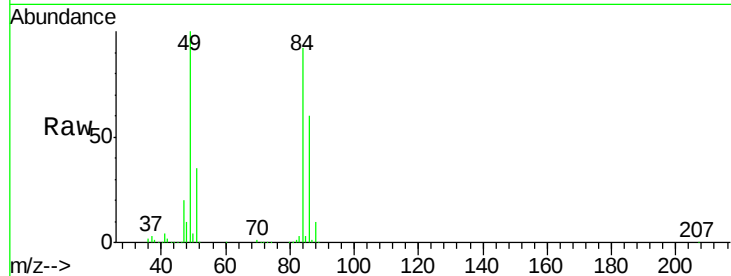


#20
Methvlene Chloride
Concen: 2594.913 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

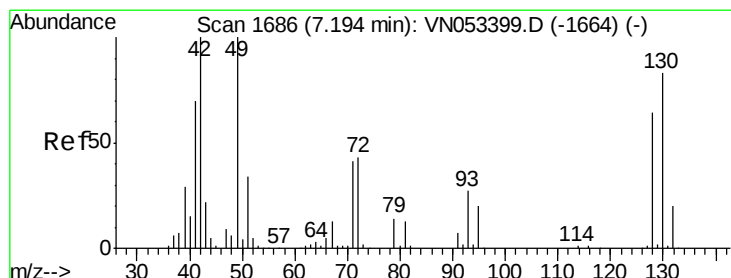
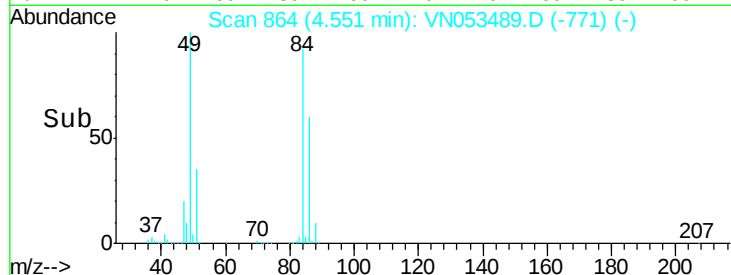
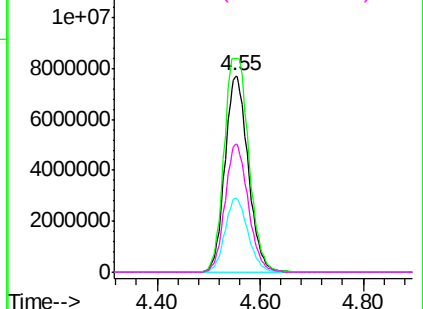
Instrument :
MSVOA_N
ClientSampleId :
RBR-200052

Tot Ion: 84 Resp: 24101199

Ion	Ratio	Lower	Upper
84	100		
49	108.9	94.3	141.5
51	37.7	29.4	44.2
86	65.4	51.4	77.0



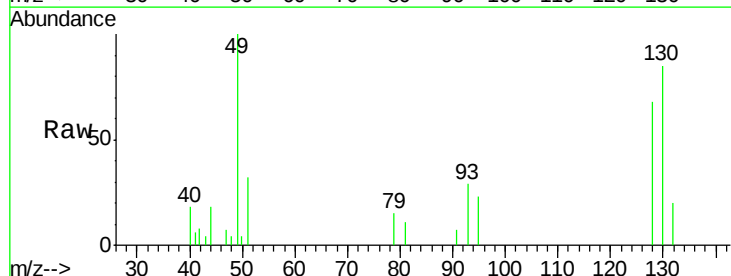
Abundance Ion 83.90 (83.60 to 84.60): VN0
Ion 48.90 (48.60 to 49.60): VN0
Ion 50.90 (50.60 to 51.60): VN0
Ion 85.90 (85.60 to 86.60): VN0



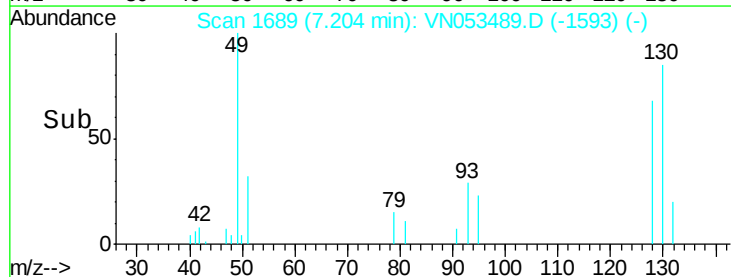
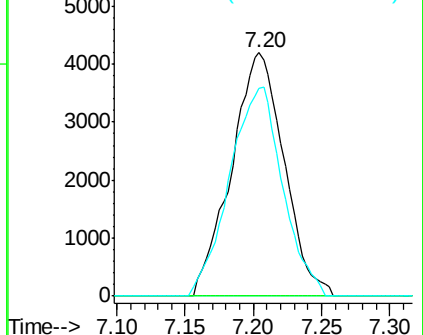
#28
Bromochloromethane
Concen: 1.632 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

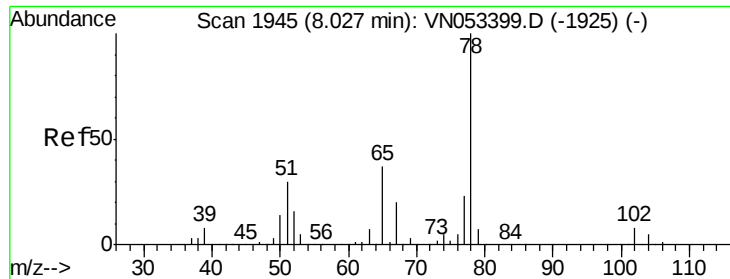
Tgt Ion: 49 Resp: 11257

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	86.6	66.3	99.5



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

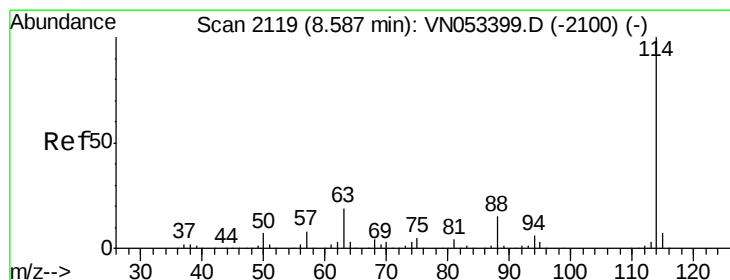
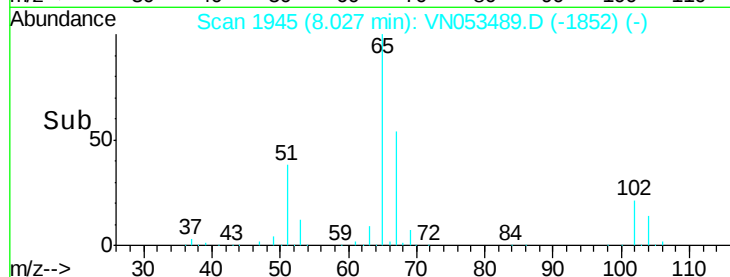
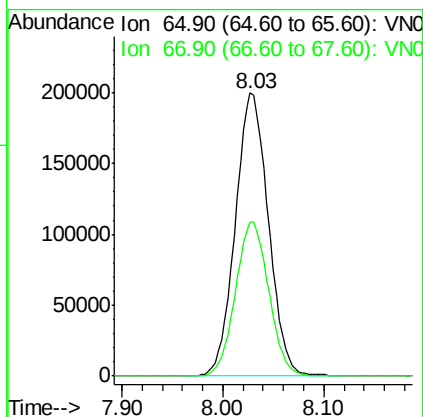
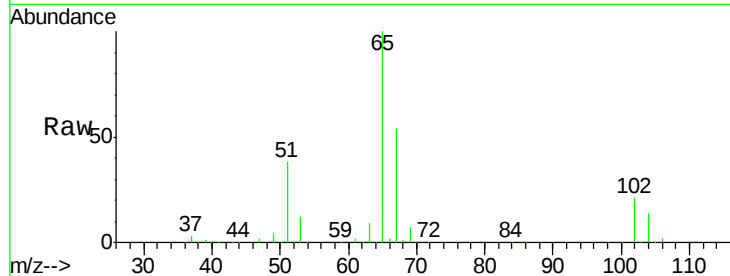




#33
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

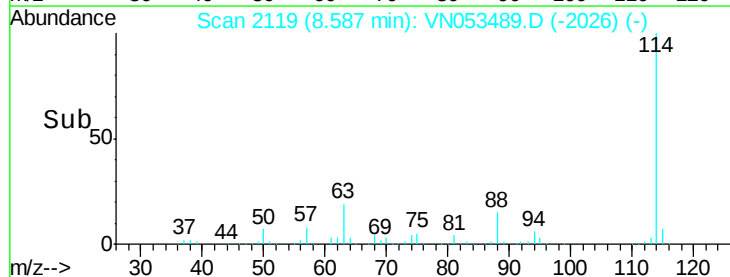
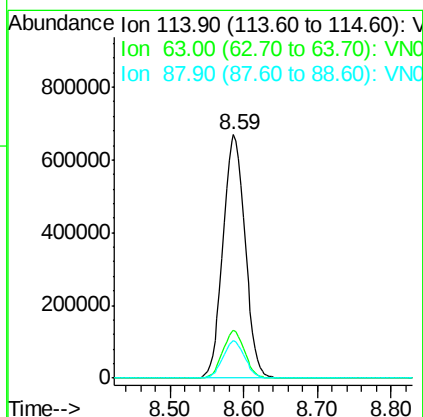
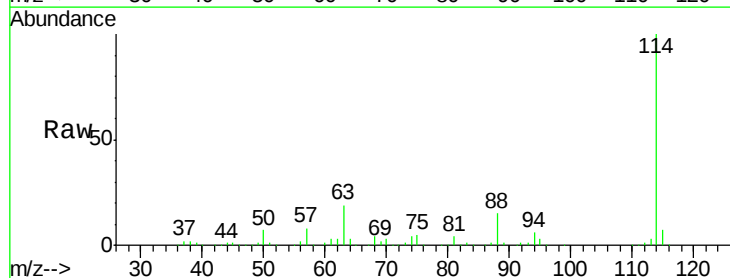
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

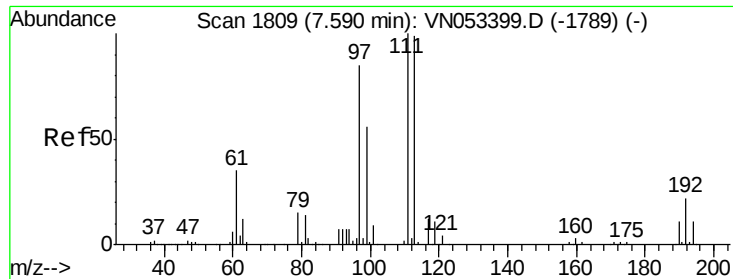
Tot Ion: 65 Resp: 453783
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 111.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

Tgt Ion: 114 Resp: 1393229
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 38.6
 88 15.4 0.0 30.4

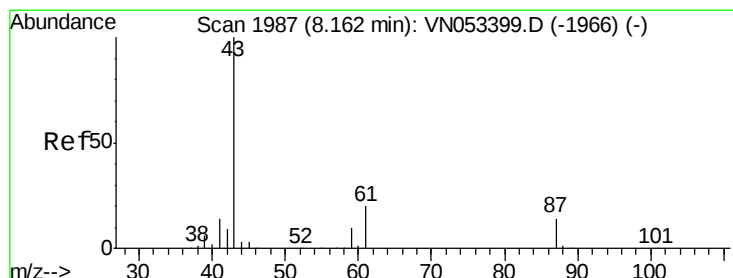
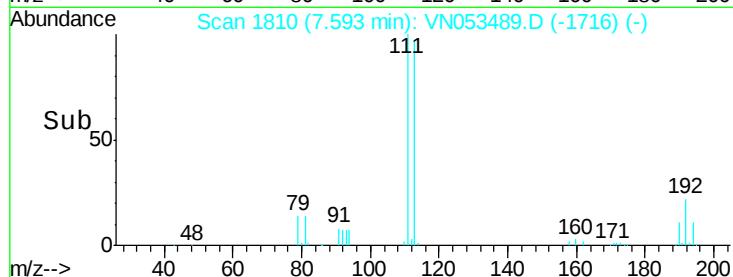
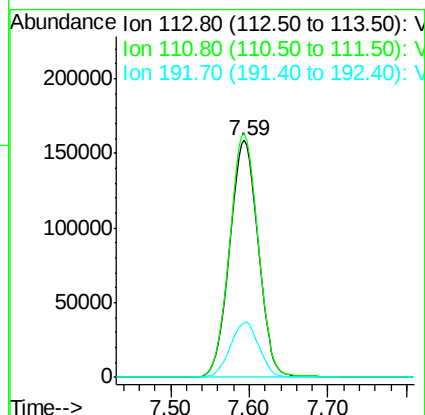
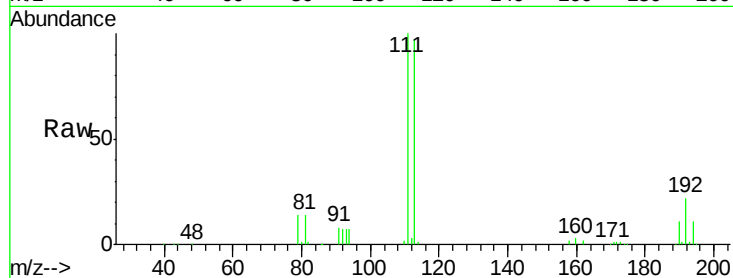




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

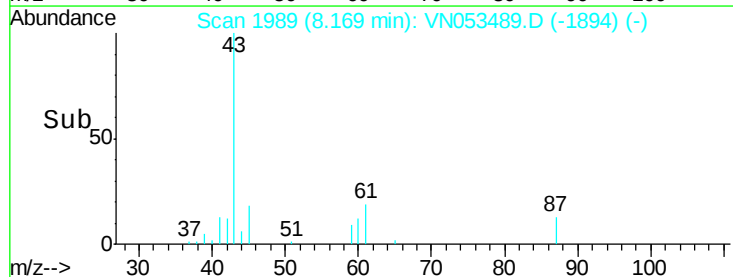
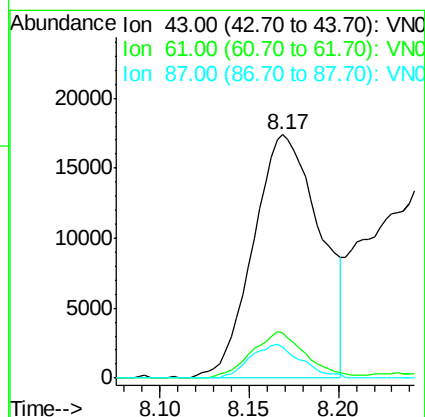
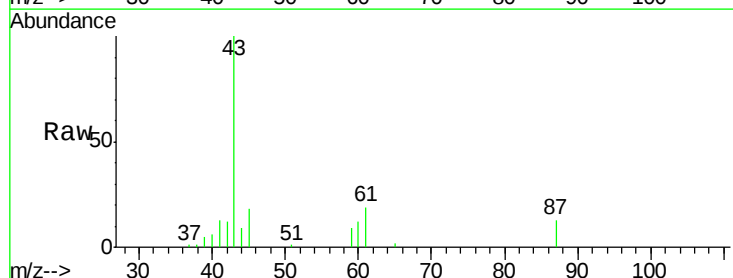
Instrument :
 MSVOA_N
 ClientSampleId :
 RBR-200052

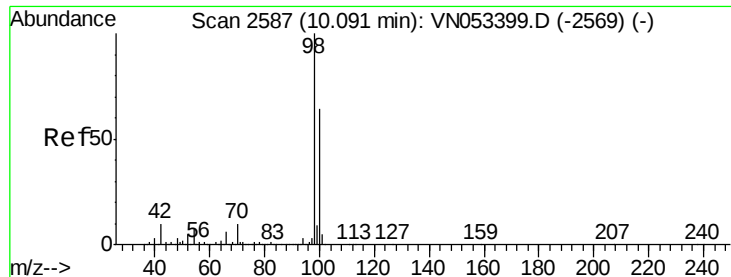
Tot Ion:113 Resp: 399698
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.1 121.7
 192 23.3 18.2 27.2



#43
 Isopropyl Acetate
 Concen: 3.463 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.01 min
 Lab File: VN053489.D
 Acq: 18 Jan 2019 22:51

Tgt Ion: 43 Resp: 45453
 Ion Ratio Lower Upper
 43 100
 61 15.6 23.9 35.9#
 87 10.6 11.0 16.6#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampled :

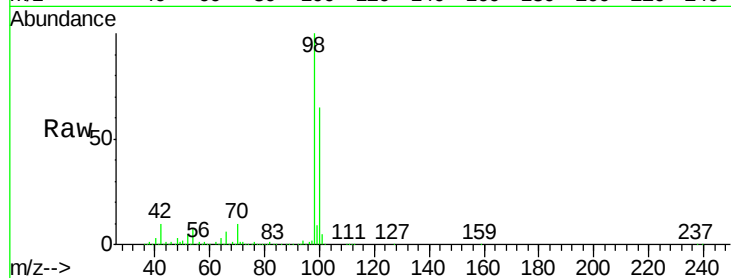
RBR-200052

Tot Ion: 98 Resp: 1738666

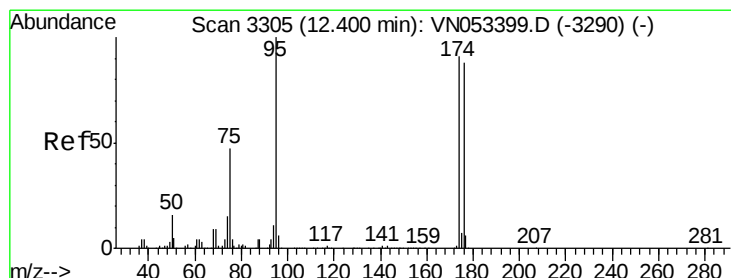
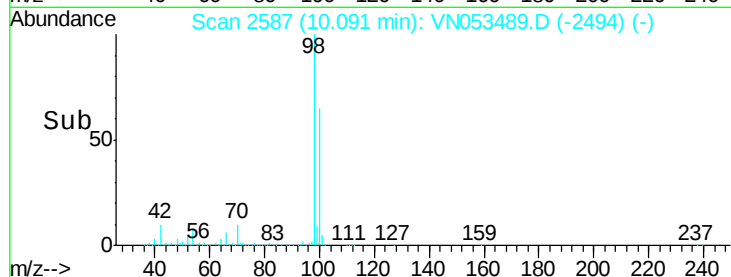
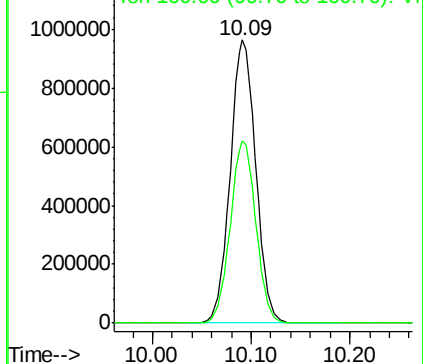
Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN053399.D (-2569) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

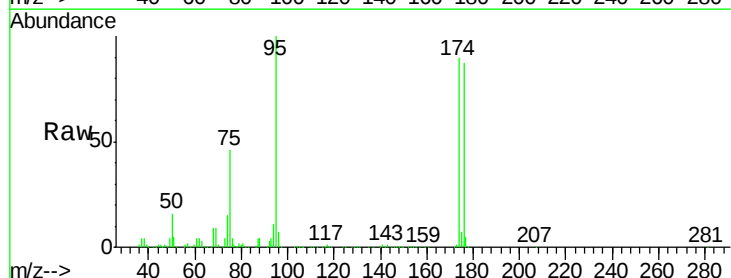
Tgt Ion: 95 Resp: 604630

Ion Ratio Lower Upper

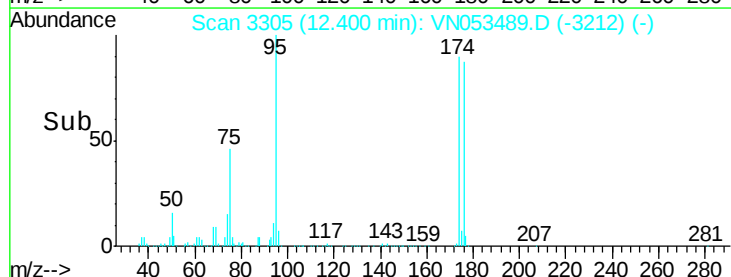
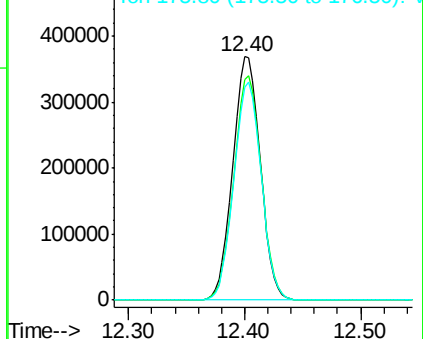
95 100

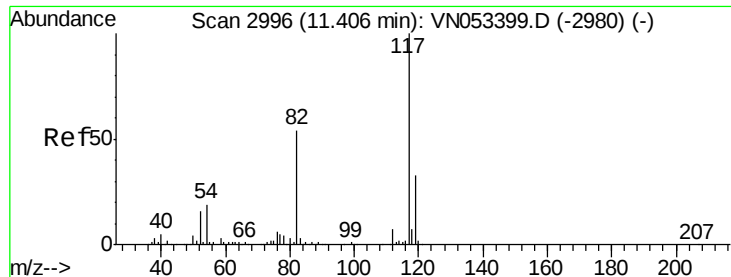
174 91.9 0.0 183.2

176 89.2 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

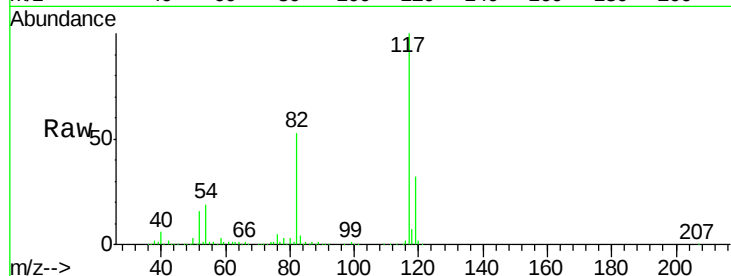




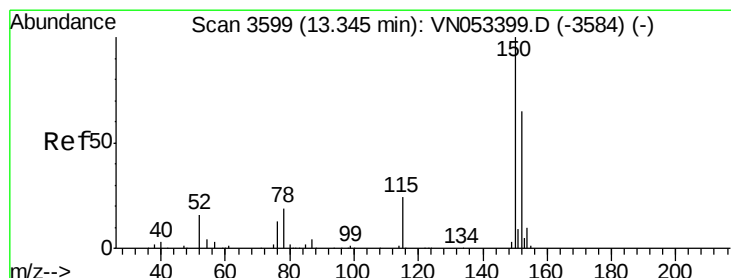
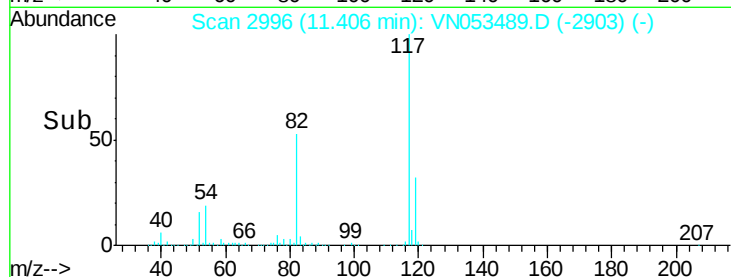
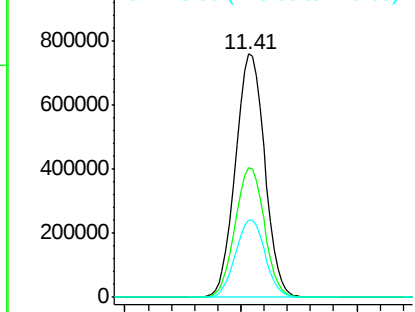
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Instrument :
MSVOA_N
ClientSampleId :
RBR-200052

Tot Ion:117 Resp: 1324504
Ion Ratio Lower Upper
117 100
82 53.5 42.9 64.3
119 32.0 26.0 39.0

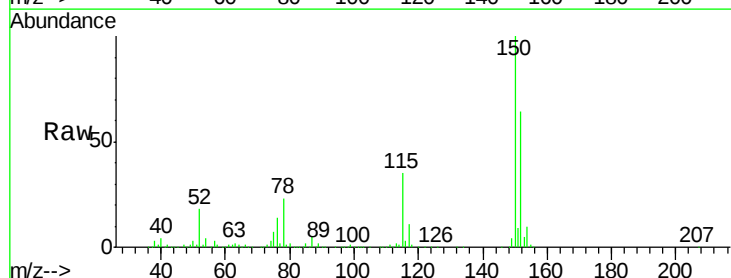


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

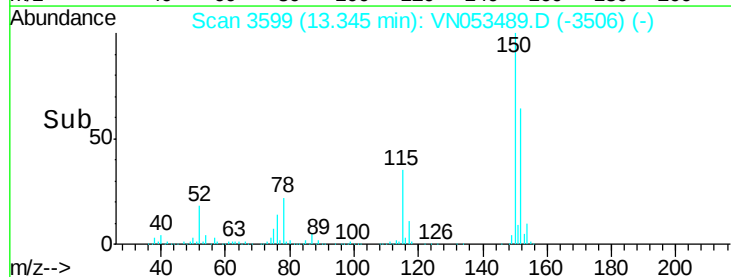
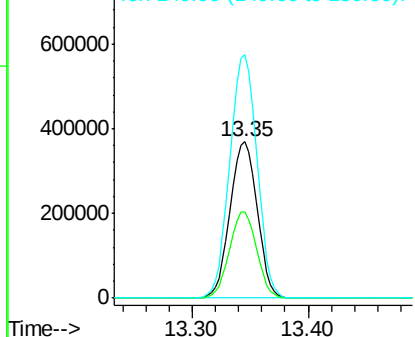


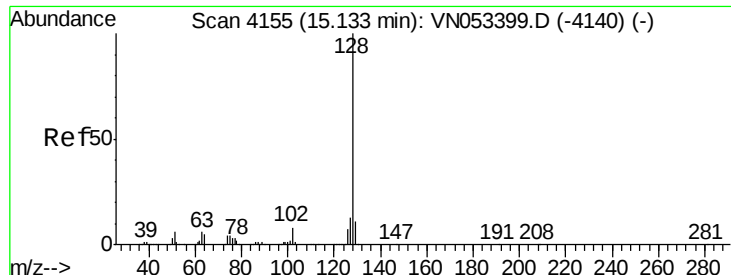
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN053489.D
Acq: 18 Jan 2019 22:51

Tgt Ion:152 Resp: 596694
Ion Ratio Lower Upper
152 100
115 55.1 27.8 83.4
150 155.9 0.0 349.0



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: 4.620 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053489.D

Acq: 18 Jan 2019 22:51

Instrument :

MSVOA_N

ClientSampleId :

RBR-200052

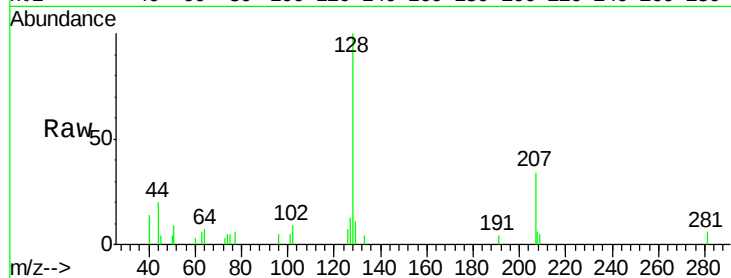
Tot Ion:128 Resp: 10673

Ion Ratio Lower Upper

128 100

127 13.6 10.3 15.5

129 11.3 8.6 13.0



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

