

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053484.D
 Acq On : 18 Jan 2019 20:38
 Operator : JC/SP
 Sample : K1189-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RBR200034

Quant Time: Jan 19 01:18:52 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

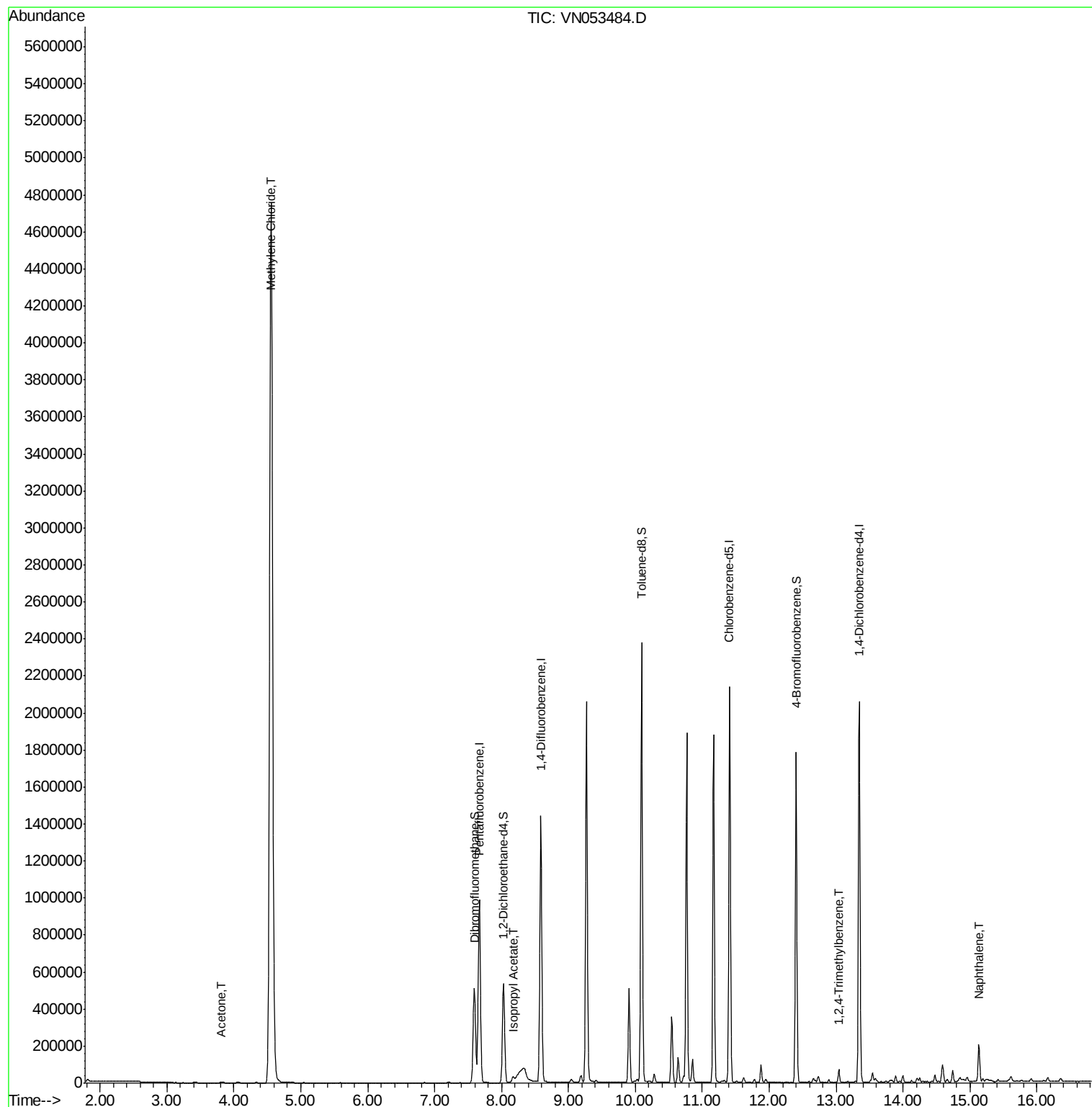
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	870358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1355119	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1305453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	599061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	442235	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	
35) Dibromofluoromethane	7.59	113	391255	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.09	98	1702819	52.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.40	95	601591	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
Target Compounds						
16) Acetone	3.82	43	11084	5.492	ug/l	93
20) Methylene Chloride	4.56	84	3824859	415.079	ug/l	99
43) Isopropyl Acetate	8.17	43	44154	3.458	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.04	105	42017	1.167	ug/l	97
95) Naphthalene	15.13	128	182924	15.575	ug/l	100

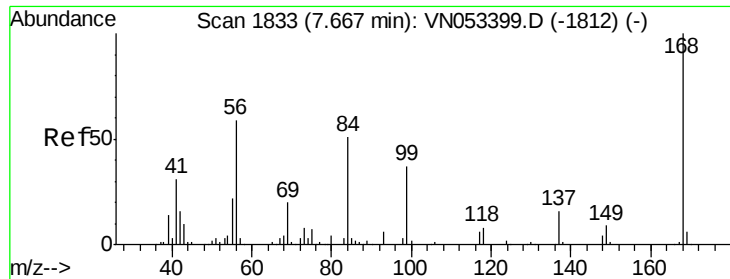
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
Data File : VN053484.D
Acq On : 18 Jan 2019 20:38
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N011519W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 16 03:10:53 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: VN053484.D

Acq: 18 Jan 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

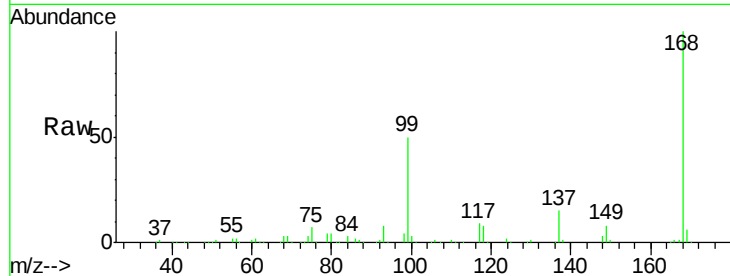
RBR200034

Tot Ion:168 Resp: 870358

Ion Ratio Lower Upper

168 100

99 49.6 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

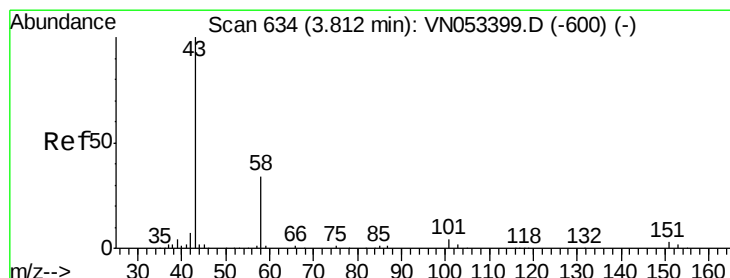
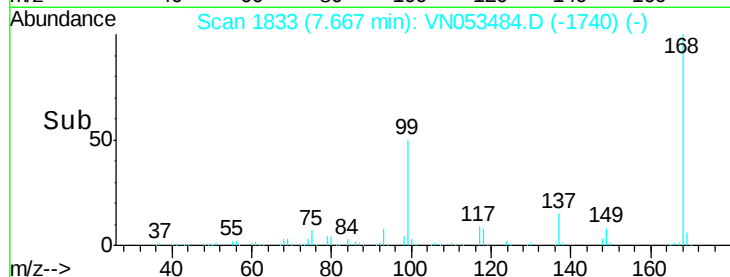
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 5.492 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.01 min

Lab File: VN053484.D

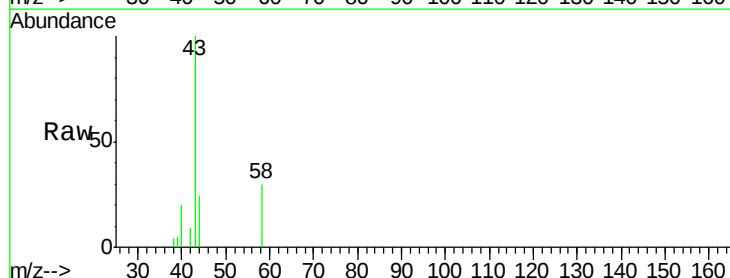
Acq: 18 Jan 2019 20:38

Tgt Ion: 43 Resp: 11084

Ion Ratio Lower Upper

43 100

58 30.0 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

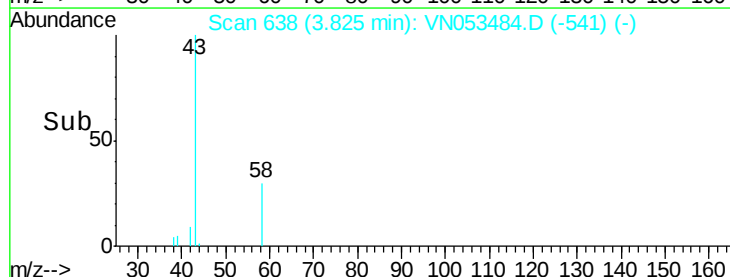
3000

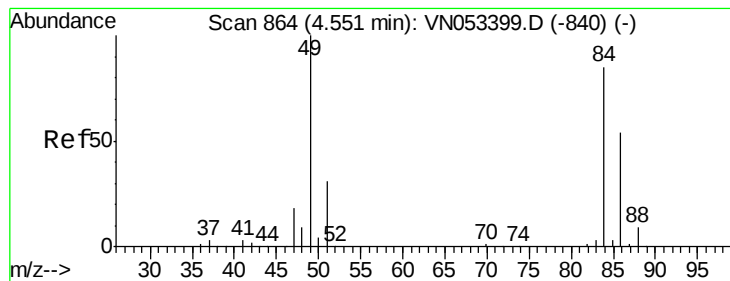
2000

1000

0

Time-->





#20

Methylene Chloride

Concen: 415.079 ug/l

RT: 4.56 min Scan# 866

Delta R.T. 0.01 min

Lab File: VN053484.D

Acq: 18 Jan 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

Tot Ion: 84 Resp: 3824859

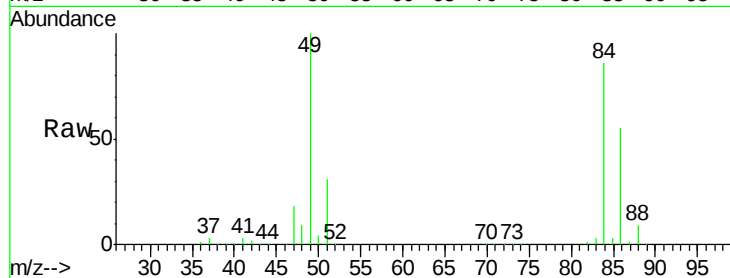
Ion Ratio Lower Upper

84 100

49 116.9 94.3 141.5

51 36.4 29.4 44.2

86 64.1 51.4 77.0

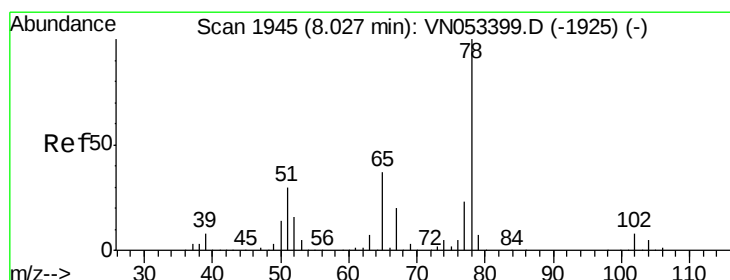
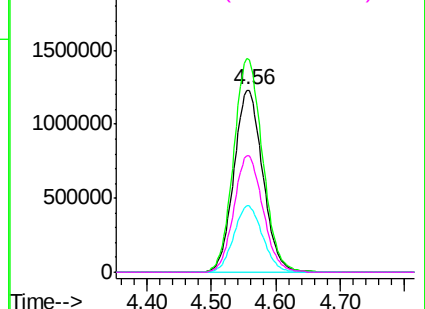
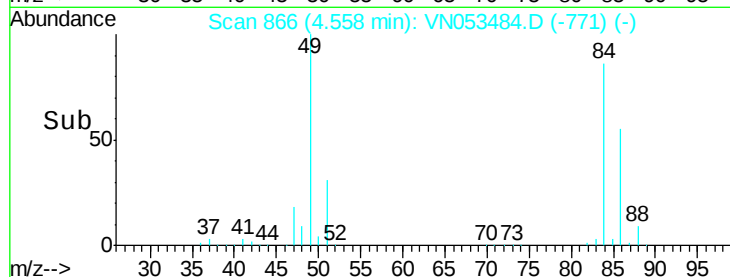


Abundance Ion 83.90 (83.60 to 84.60): VN0

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053484.D

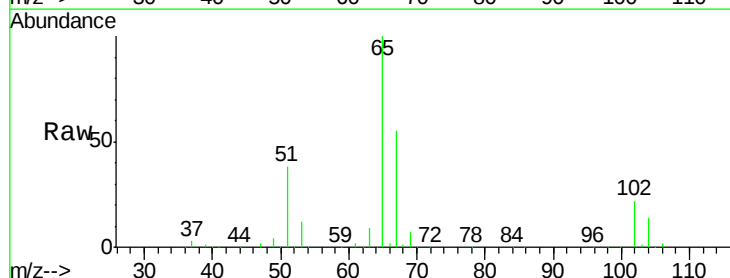
Acq: 18 Jan 2019 20:38

Tgt Ion: 65 Resp: 442235

Ion Ratio Lower Upper

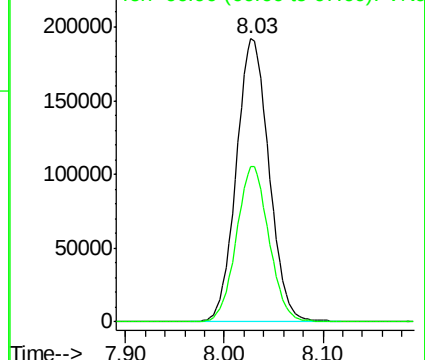
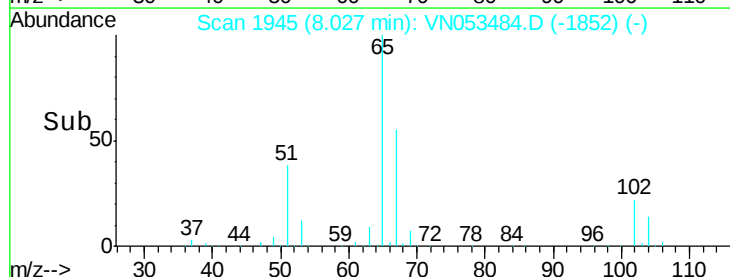
65 100

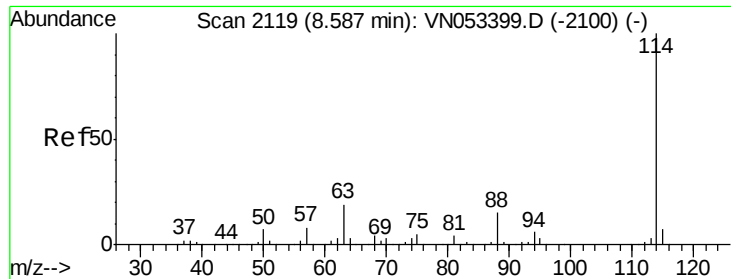
67 54.7 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

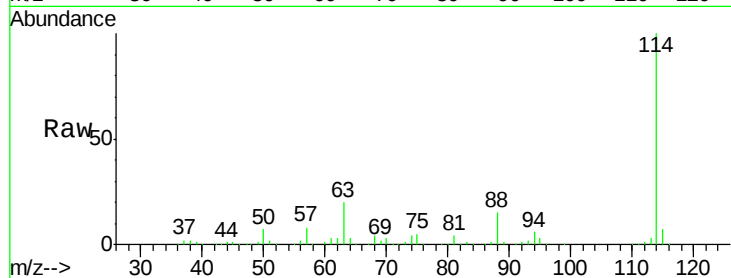




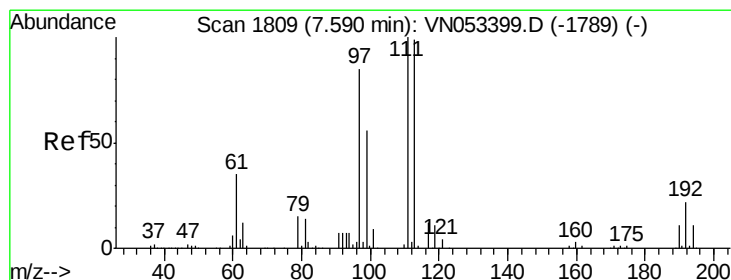
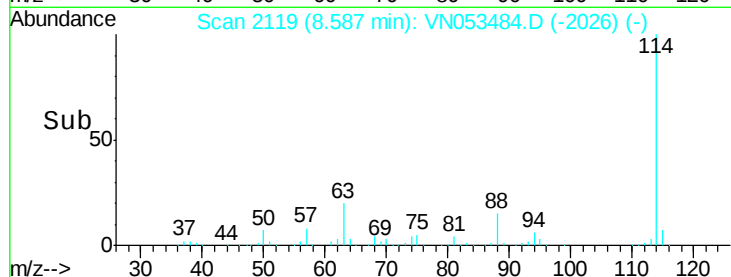
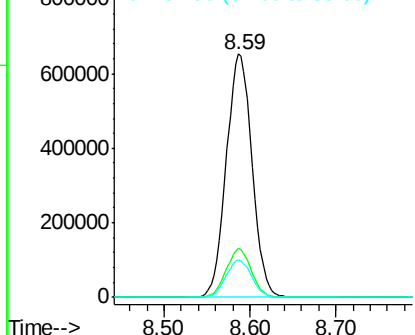
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.59 min Scan# 2119
Delta R.T. 0.00 min
Lab File: VN053484.D
Acq: 18 Jan 2019 20:38

Instrument :
MSVOA_N
ClientSampleId :
RBR200034

Tot Ion:114 Resp: 1355119
Ion Ratio Lower Upper
114 100
63 19.9 0.0 38.6
88 15.2 0.0 30.4

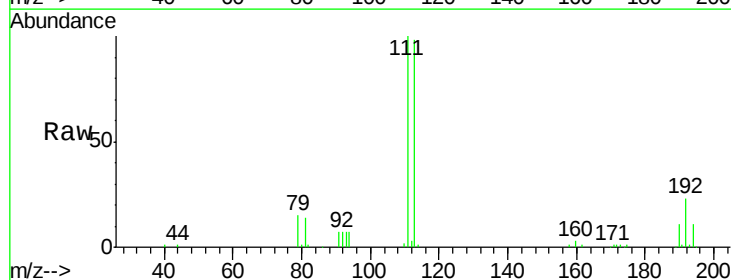


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): V
Ion 87.90 (87.60 to 88.60): V

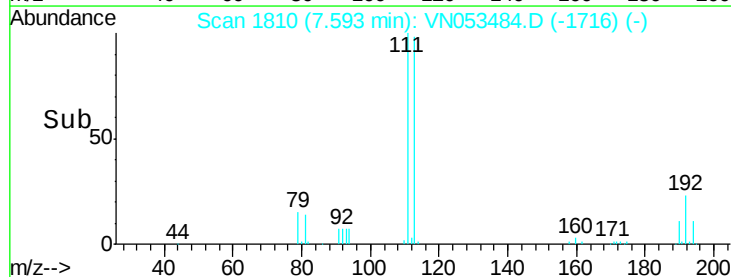
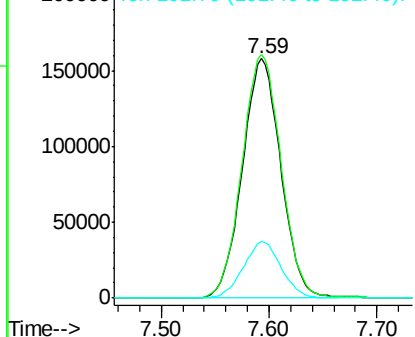


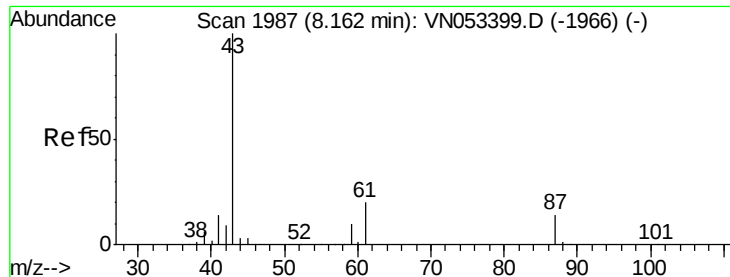
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN053484.D
Acq: 18 Jan 2019 20:38

Tgt Ion:113 Resp: 391255
Ion Ratio Lower Upper
113 100
111 103.3 81.1 121.7
192 23.2 18.2 27.2



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: 3.458 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.01 min

Lab File: VN053484.D

Acq: 18 Jan 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

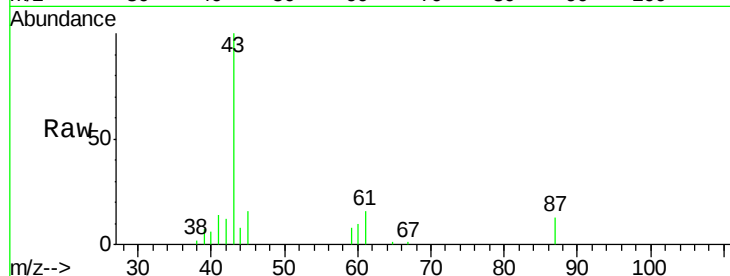
Tot Ion: 43 Resp: 44154

Ion Ratio Lower Upper

43 100

61 15.9 23.9 35.9#

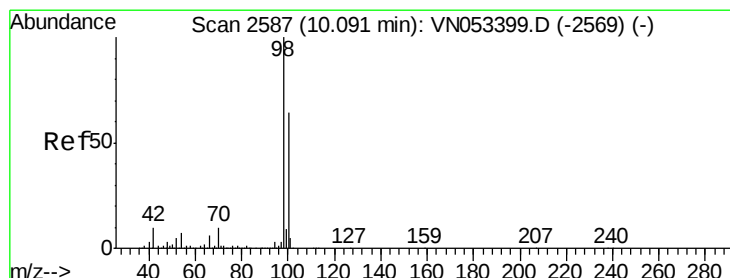
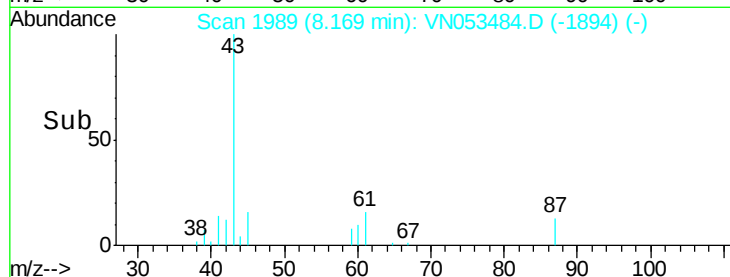
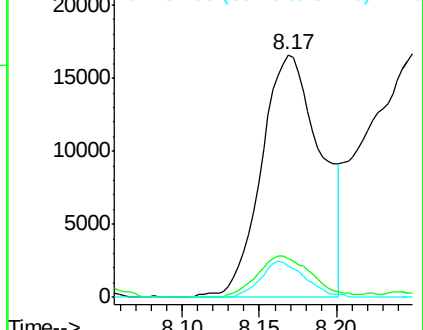
87 11.1 11.0 16.6



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053484.D

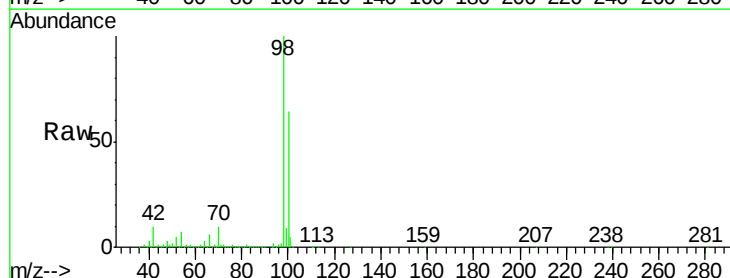
Acq: 18 Jan 2019 20:38

Tgt Ion: 98 Resp: 1702819

Ion Ratio Lower Upper

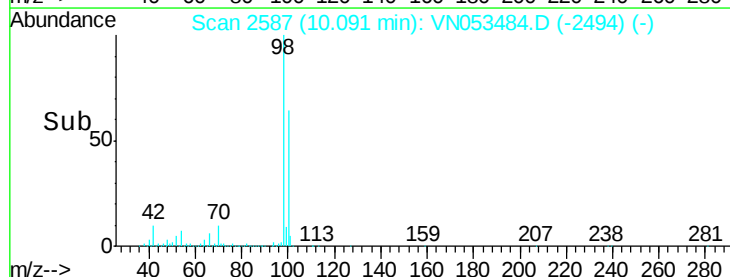
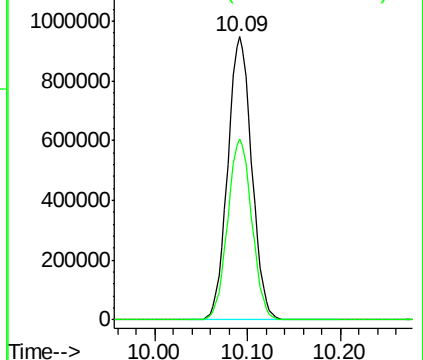
98 100

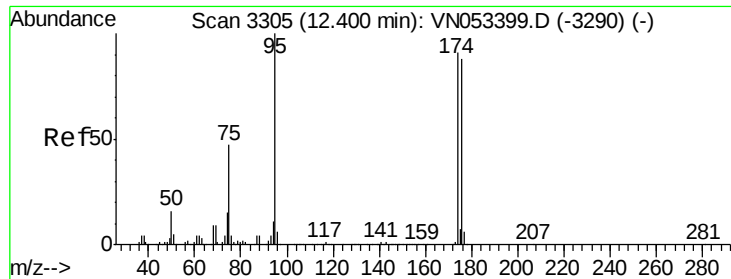
100 64.2 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN0

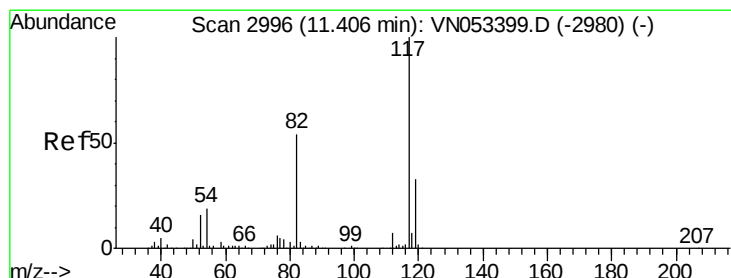
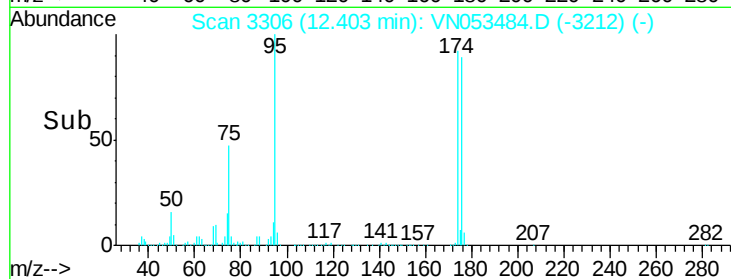
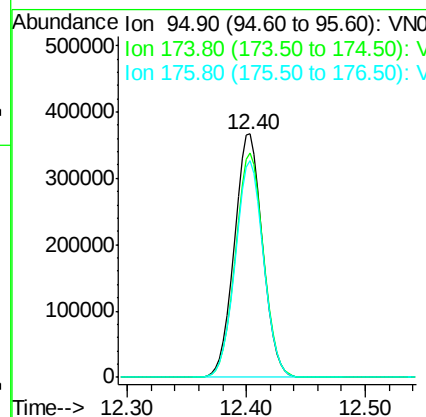
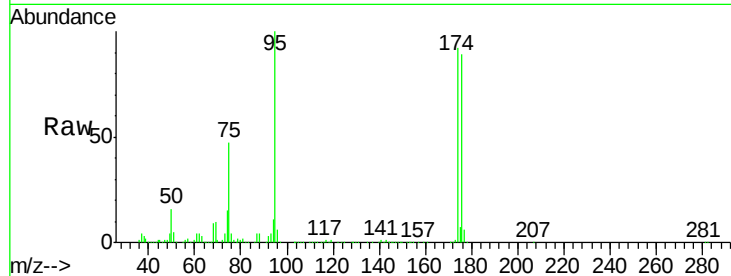




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN053484.D
Acq: 18 Jan 2019 20:38

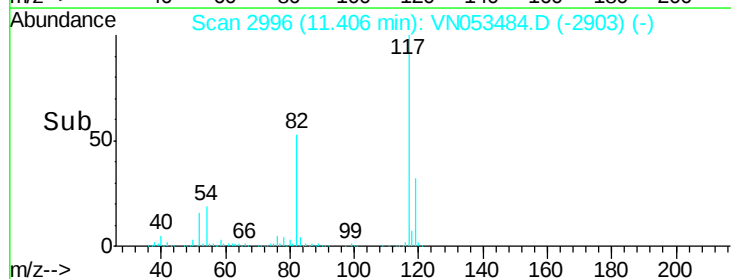
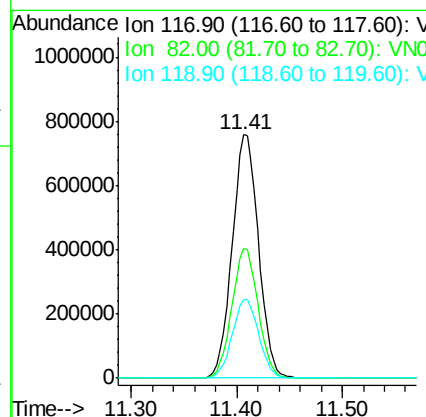
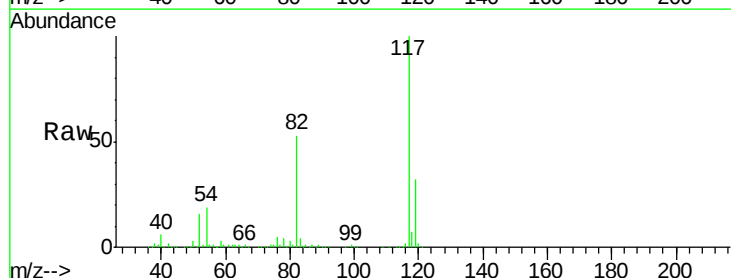
Instrument :
MSVOA_N
ClientSampleId :
RBR200034

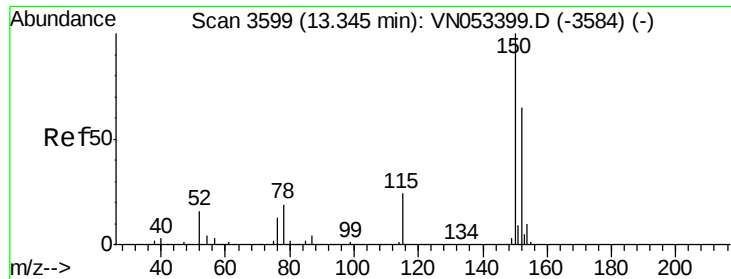
Tot Ion: 95 Resp: 601591
Ion Ratio Lower Upper
95 100
174 92.1 0.0 183.2
176 88.8 0.0 177.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053484.D
Acq: 18 Jan 2019 20:38

Tgt Ion: 117 Resp: 1305453
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 32.2 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053484.D

Acq: 18 Jan 2019 20:38

Instrument :

MSVOA_N

ClientSampleId :

RBR200034

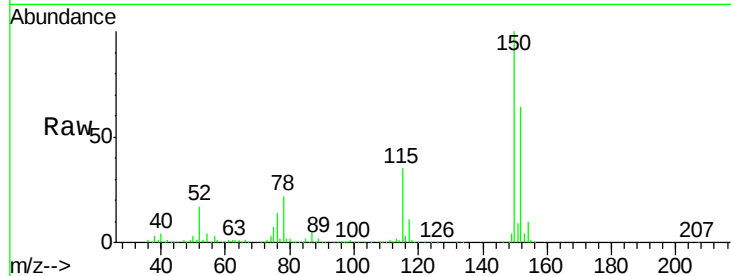
Tot Ion:152 Resp: 599061

Ion Ratio Lower Upper

152 100

115 55.9 27.8 83.4

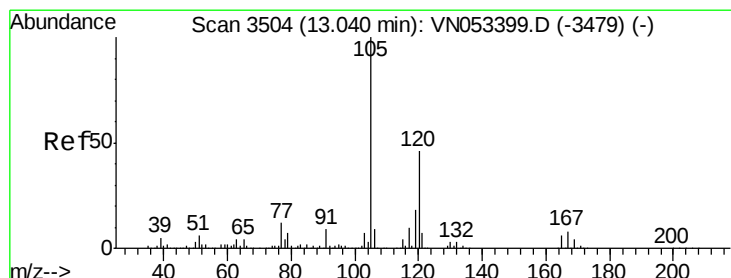
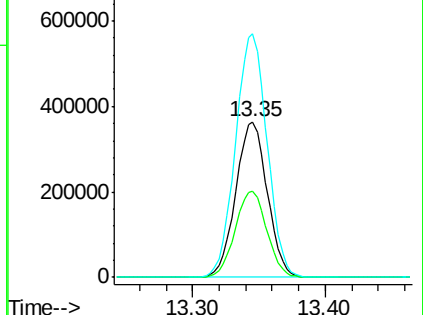
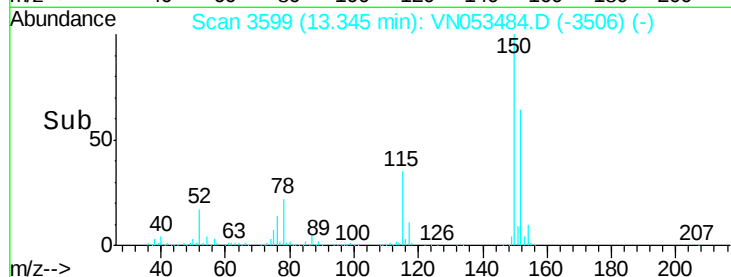
150 157.1 0.0 349.0



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



#84

1,2,4-Trimethylbenzene

Concen: 1.167 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN053484.D

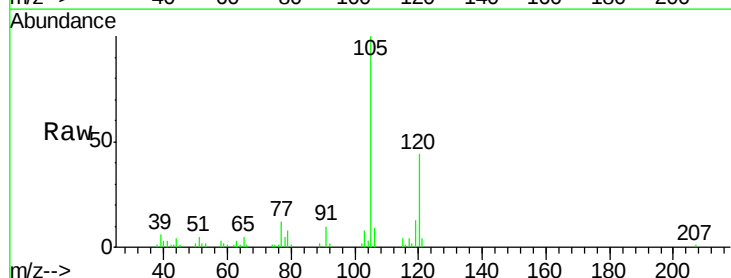
Acq: 18 Jan 2019 20:38

Tgt Ion:105 Resp: 42017

Ion Ratio Lower Upper

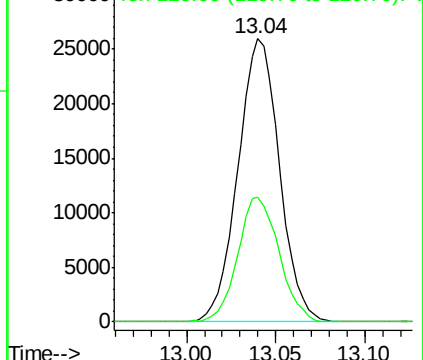
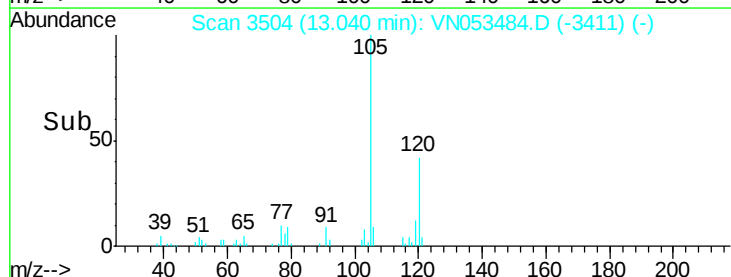
105 100

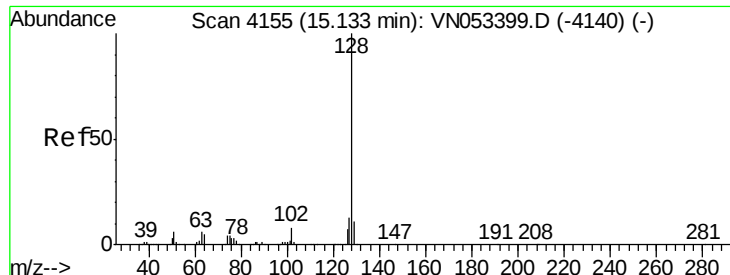
120 43.7 23.0 69.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 15.575 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053484.D

Acq: 18 Jan 2019 20:38

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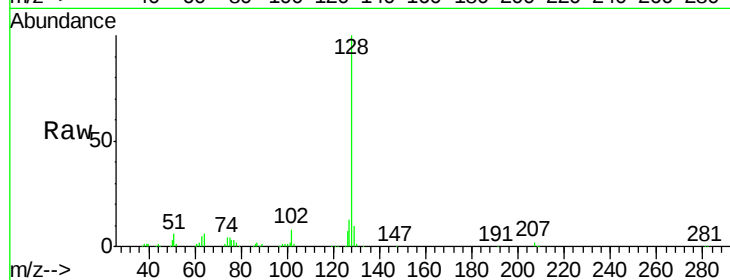
Tot Ion:128 Resp: 182924

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.0 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

