

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053483.D
 Acq On : 18 Jan 2019 20:11
 Operator : JC/SP
 Sample : K1189-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RT3422

Quant Time: Jan 19 01:17:01 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

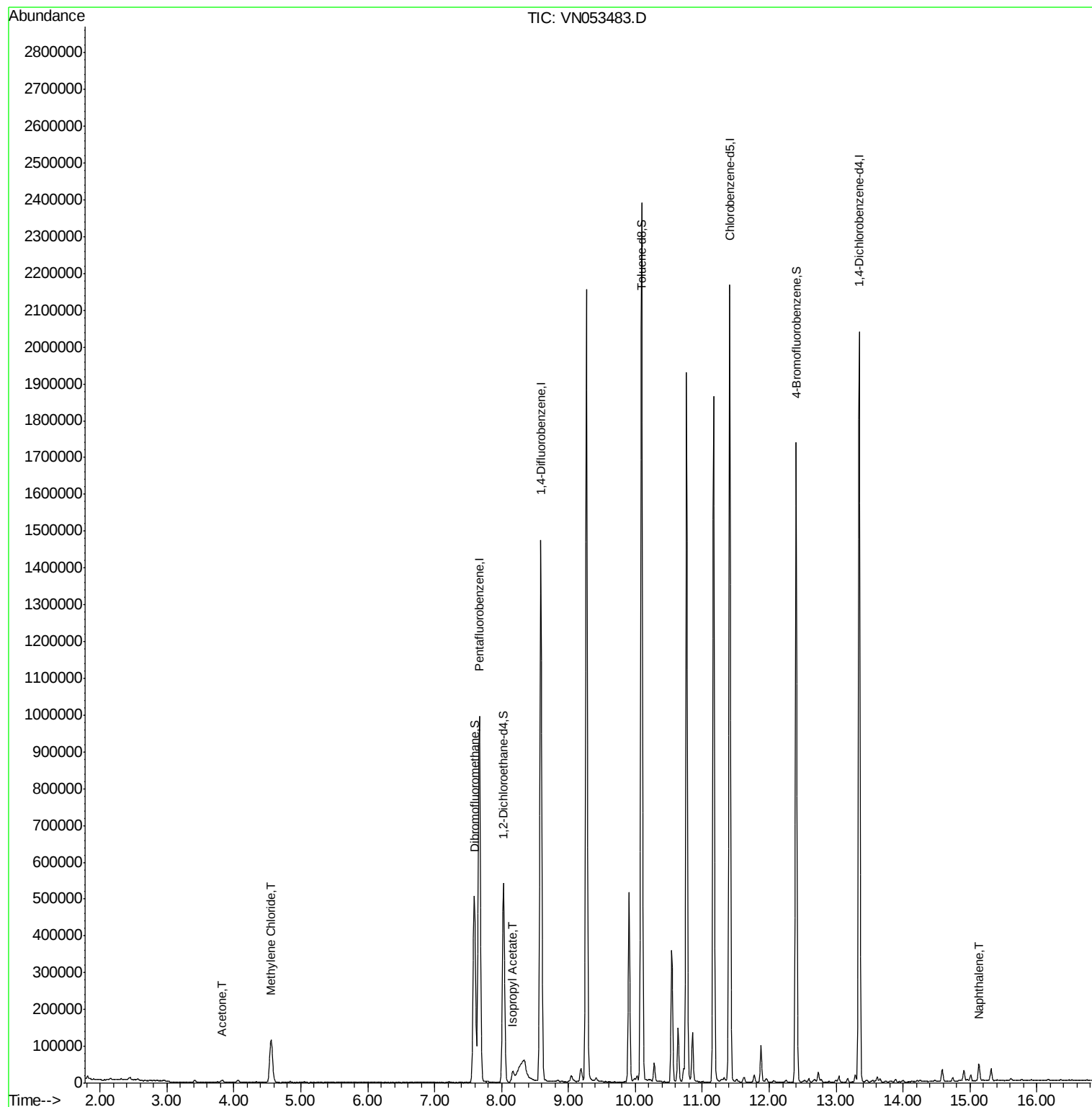
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	883959	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1378437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1324708	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	571768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	444982	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	7.59	113	400485	50.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.82%	
50) Toluene-d8	10.09	98	1730270	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.40	95	597517	51.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.44%	
Target Compounds						
16) Acetone	3.82	43	11024	5.378	ug/l #	84
20) Methylene Chloride	4.56	84	92030	9.834	ug/l	98
43) Isopropyl Acetate	8.17	43	41202	3.173	ug/l #	84
95) Naphthalene	15.13	128	42421	6.766	ug/l	99

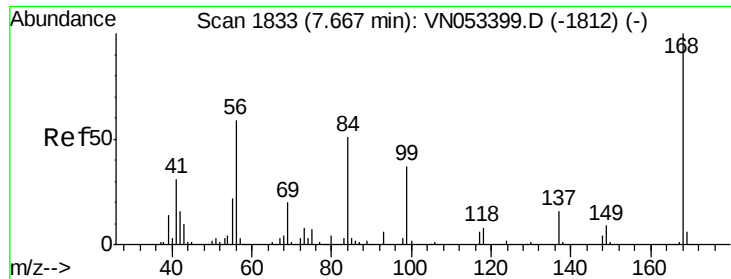
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
Data File : VN053483.D
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MSVOA_N
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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: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampled :

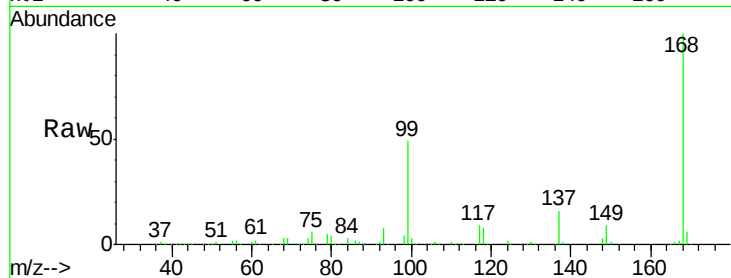
RT3422

Tot Ion:168 Resp: 883959

Ion Ratio Lower Upper

168 100

99 49.1 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): VN053399.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN053399.D (-1812) (-)

7.67

400000

300000

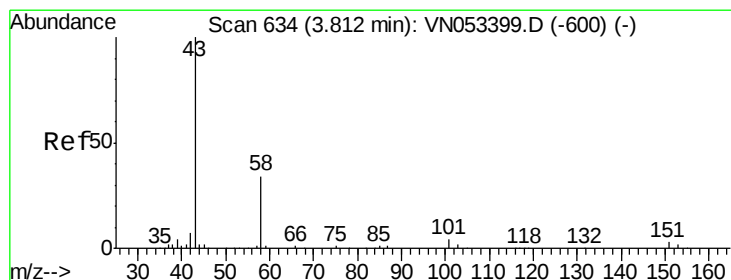
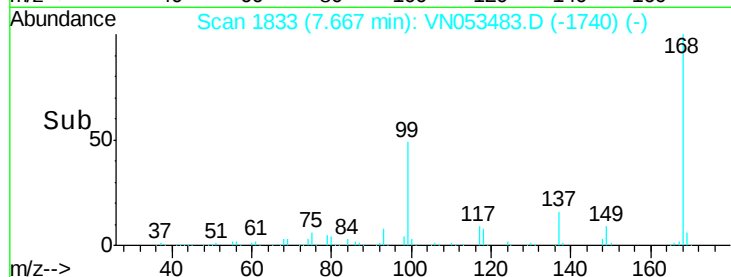
200000

100000

0

7.60 7.70 7.80

Time-->



#16

Acetone

Concen: 5.378 ug/l

RT: 3.82 min Scan# 635

Delta R.T. 0.00 min

Lab File: VN053483.D

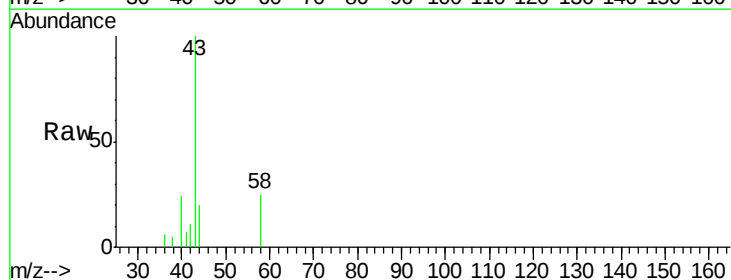
Acq: 18 Jan 2019 20:11

Tgt Ion: 43 Resp: 11024

Ion Ratio Lower Upper

43 100

58 24.9 27.1 40.7#



Abundance Ion 43.00 (42.70 to 43.70): VN053399.D (-600) (-)

Ion 58.00 (57.70 to 58.70): VN053399.D (-600) (-)

3.82

4000

3000

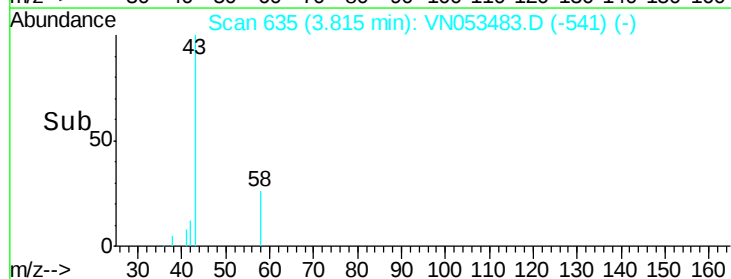
2000

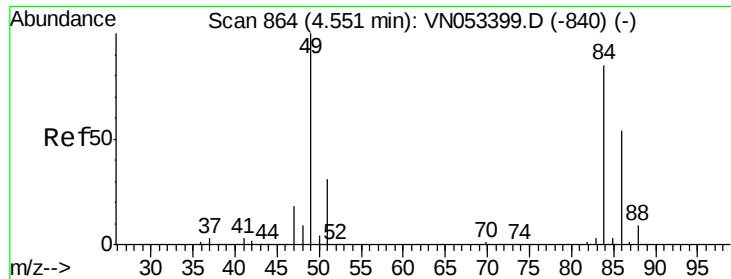
1000

0

3.70 3.80 3.90

Time-->

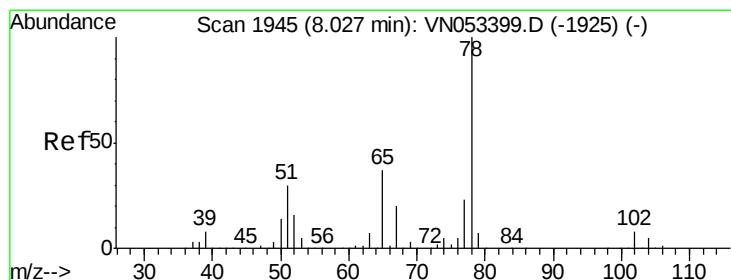
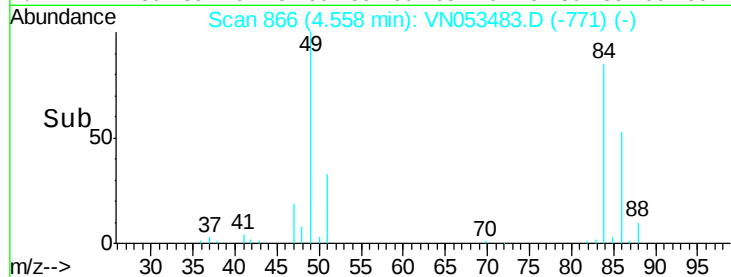
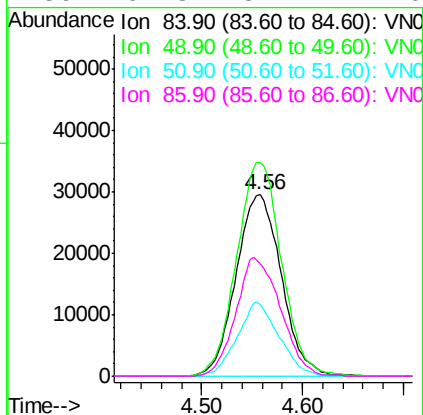
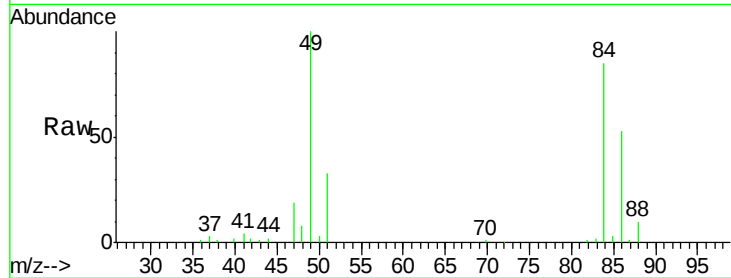




#20
Methvlene Chloride
Concen: 9.834 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

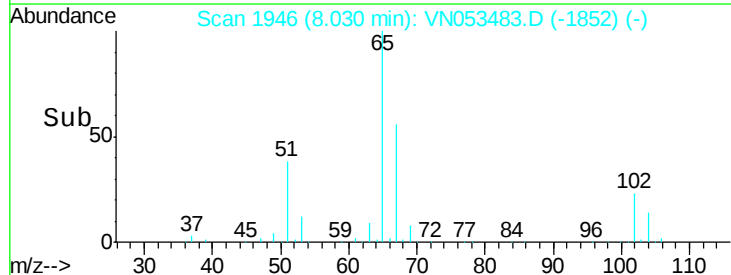
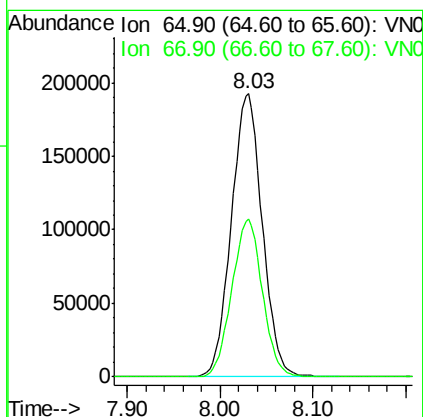
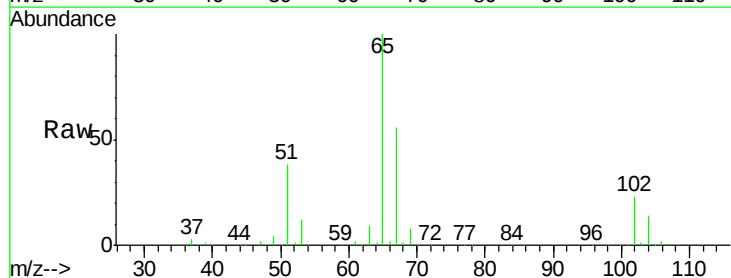
Instrument :
MSVOA_N
ClientSampled :
RT3422

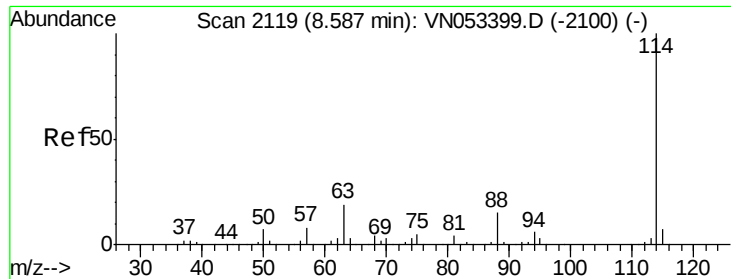
Tot Ion:	84	Resp:	92030
Ion	Ratio	Lower	Upper
84	100		
49	117.6	94.3	141.5
51	39.3	29.4	44.2
86	61.8	51.4	77.0



#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053483.D
Acq: 18 Jan 2019 20:11

Tgt Ion:	65	Resp:	444982
Ion	Ratio	Lower	Upper
65	100		
67	55.2	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: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

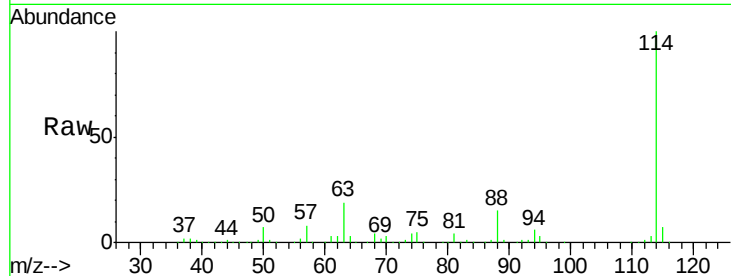
Tot Ion:114 Resp: 1378437

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

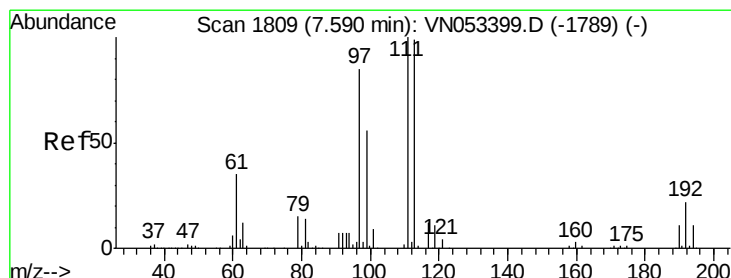
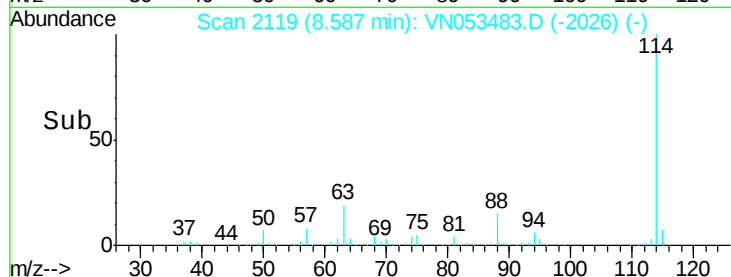
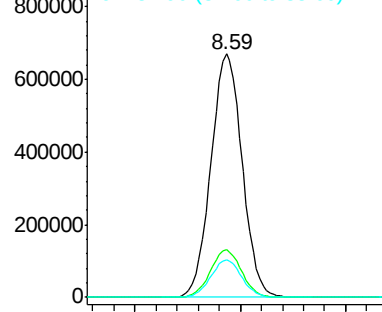
88 15.3 0.0 30.4



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: 50.000 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

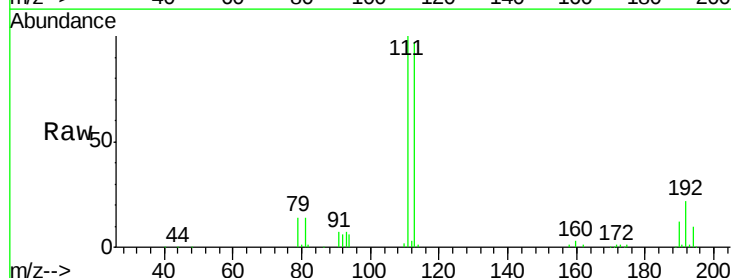
Tgt Ion:113 Resp: 400485

Ion Ratio Lower Upper

113 100

111 101.8 81.1 121.7

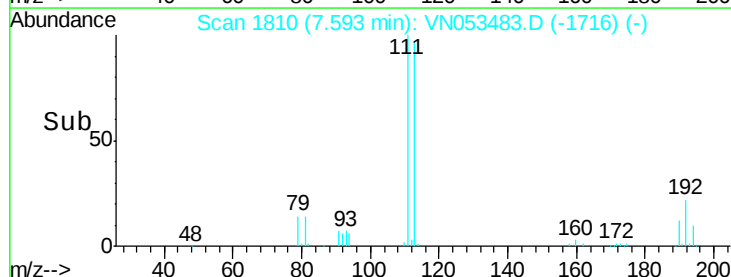
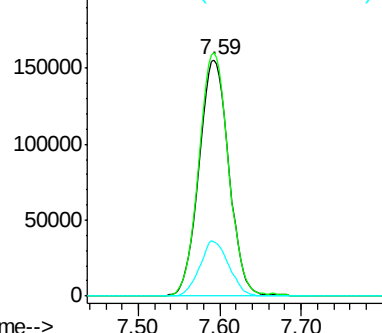
192 22.7 18.2 27.2

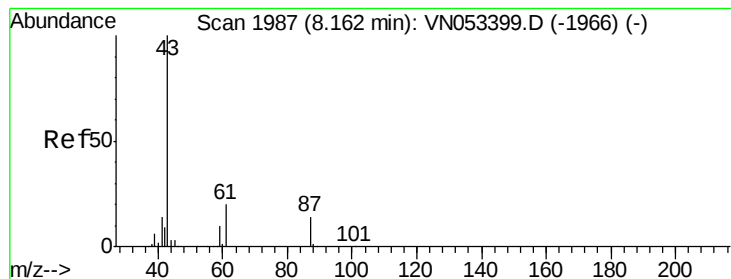


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.173 ug/l

RT: 8.17 min Scan# 1988

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

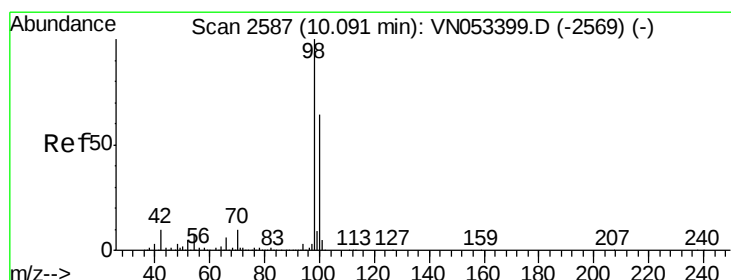
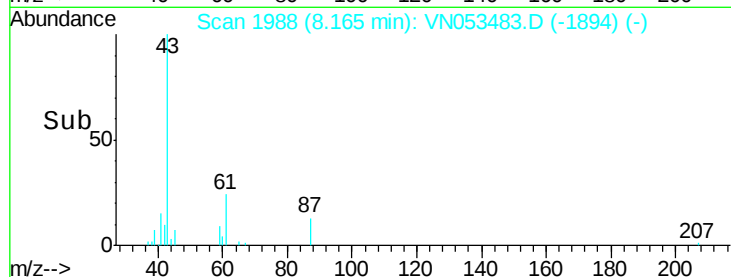
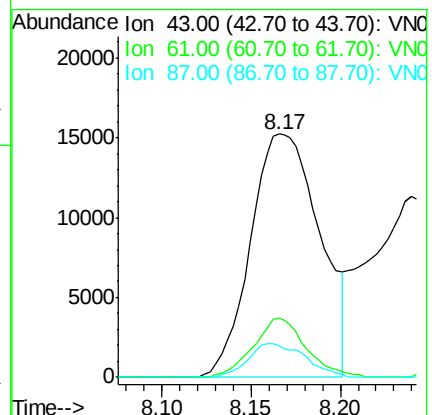
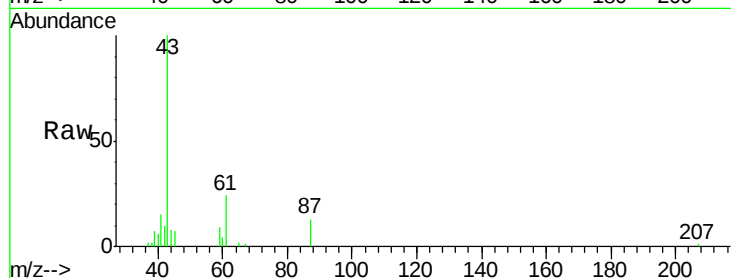
Tot Ion: 43 Resp: 41202

Ion Ratio Lower Upper

43 100

61 18.6 23.9 35.9#

87 11.4 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: VN053483.D

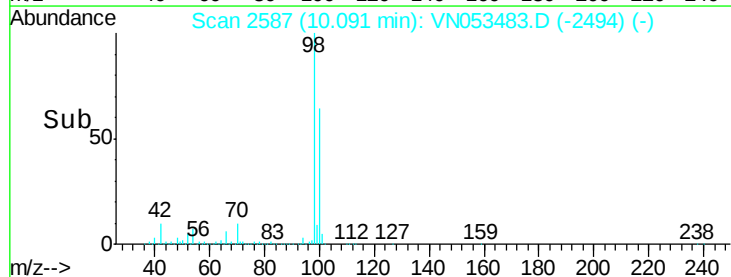
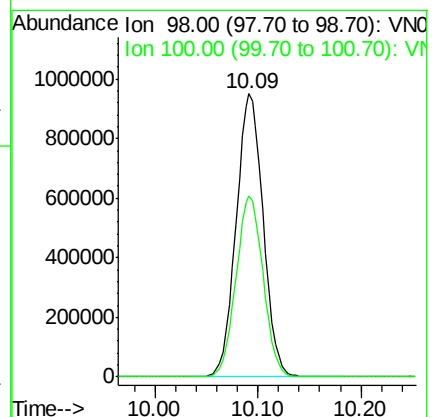
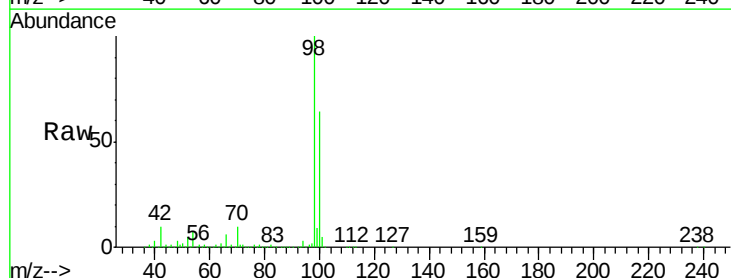
Acq: 18 Jan 2019 20:11

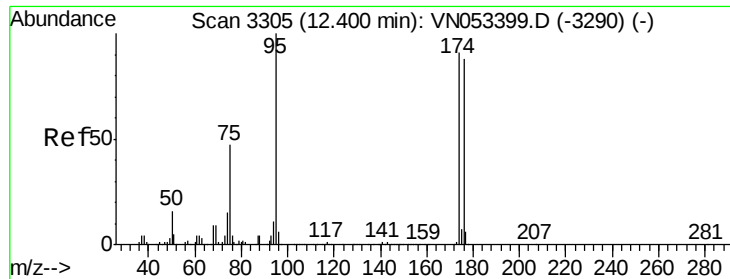
Tgt Ion: 98 Resp: 1730270

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0





#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

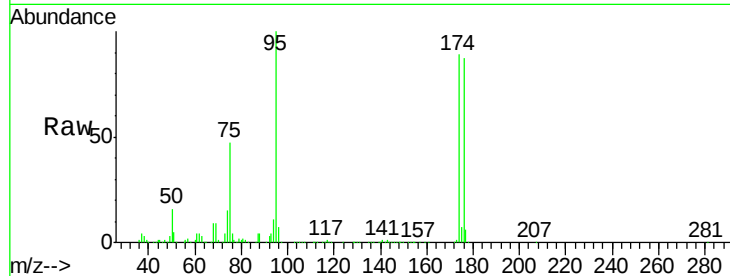
Tot Ion: 95 Resp: 597517

Ion Ratio Lower Upper

95 100

174 91.9 0.0 183.2

176 89.5 0.0 177.4

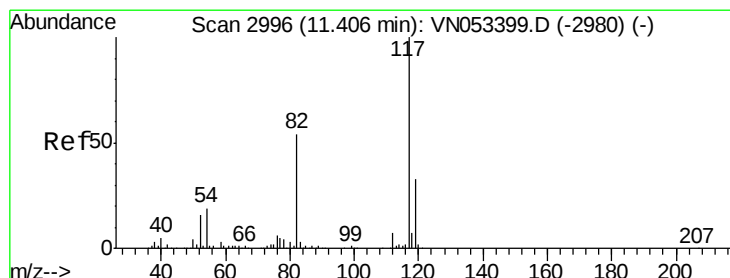
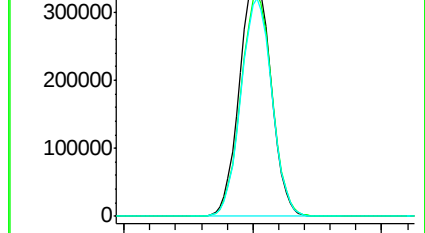
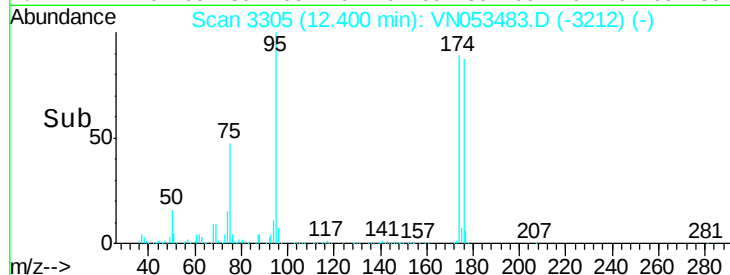


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN053399.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN053399.D (-3290) (-)

Time--> 12.30 12.40 12.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

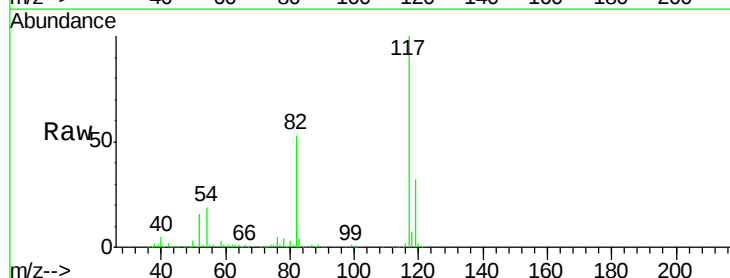
Tgt Ion: 117 Resp: 1324708

Ion Ratio Lower Upper

117 100

82 52.7 42.9 64.3

119 32.4 26.0 39.0

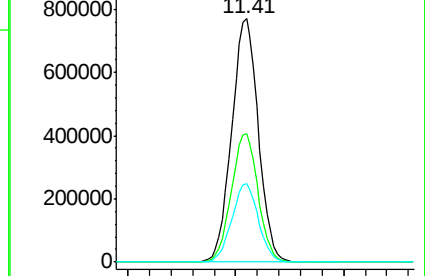
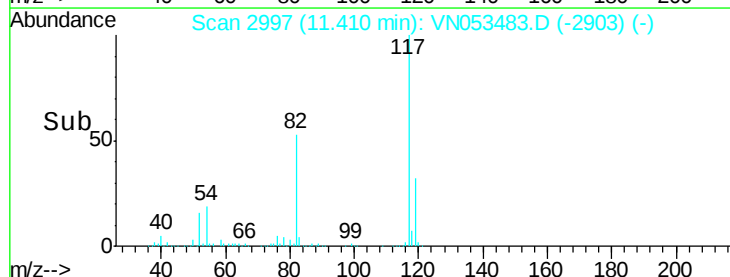


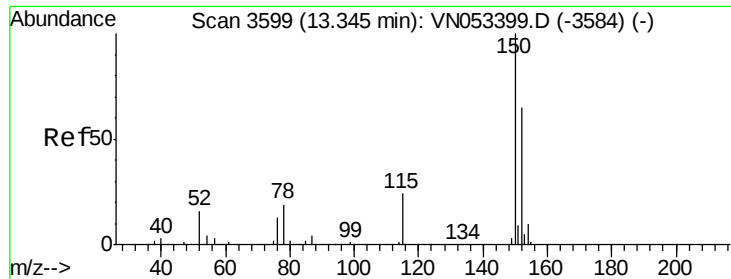
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

Ion 82.00 (81.70 to 82.70): VN053399.D (-2980) (-)

Ion 118.90 (118.60 to 119.60): VN053399.D (-2980) (-)

Time--> 11.30 11.40 11.50





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

Instrument :

MSVOA_N

ClientSampleId :

RT3422

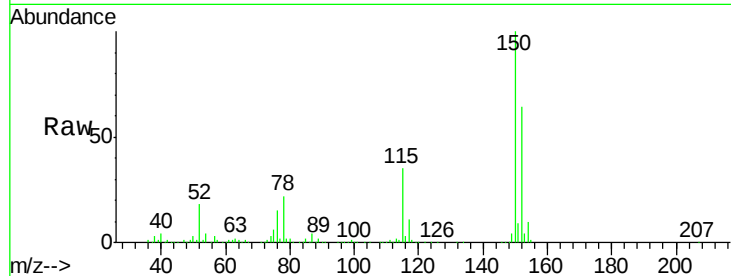
Tot Ion:152 Resp: 571768

Ion Ratio Lower Upper

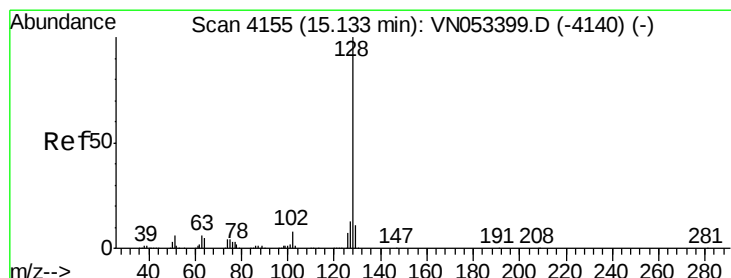
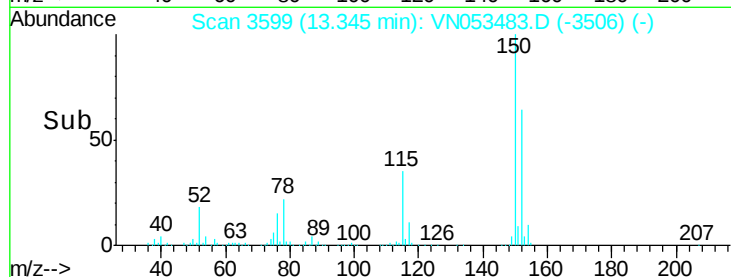
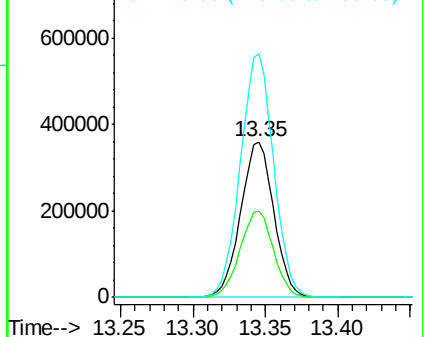
152 100

115 55.9 27.8 83.4

150 156.9 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: 6.766 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053483.D

Acq: 18 Jan 2019 20:11

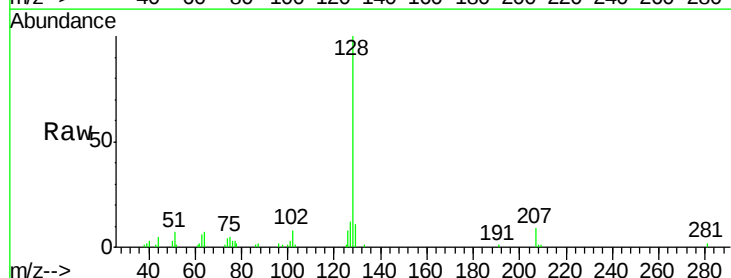
Tgt Ion:128 Resp: 42421

Ion Ratio Lower Upper

128 100

127 12.5 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

