

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN011819\
 Data File : VN053485.D
 Acq On : 18 Jan 2019 21:04
 Operator : JC/SP
 Sample : K1173-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-3425

Quant Time: Jan 19 01:21:22 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

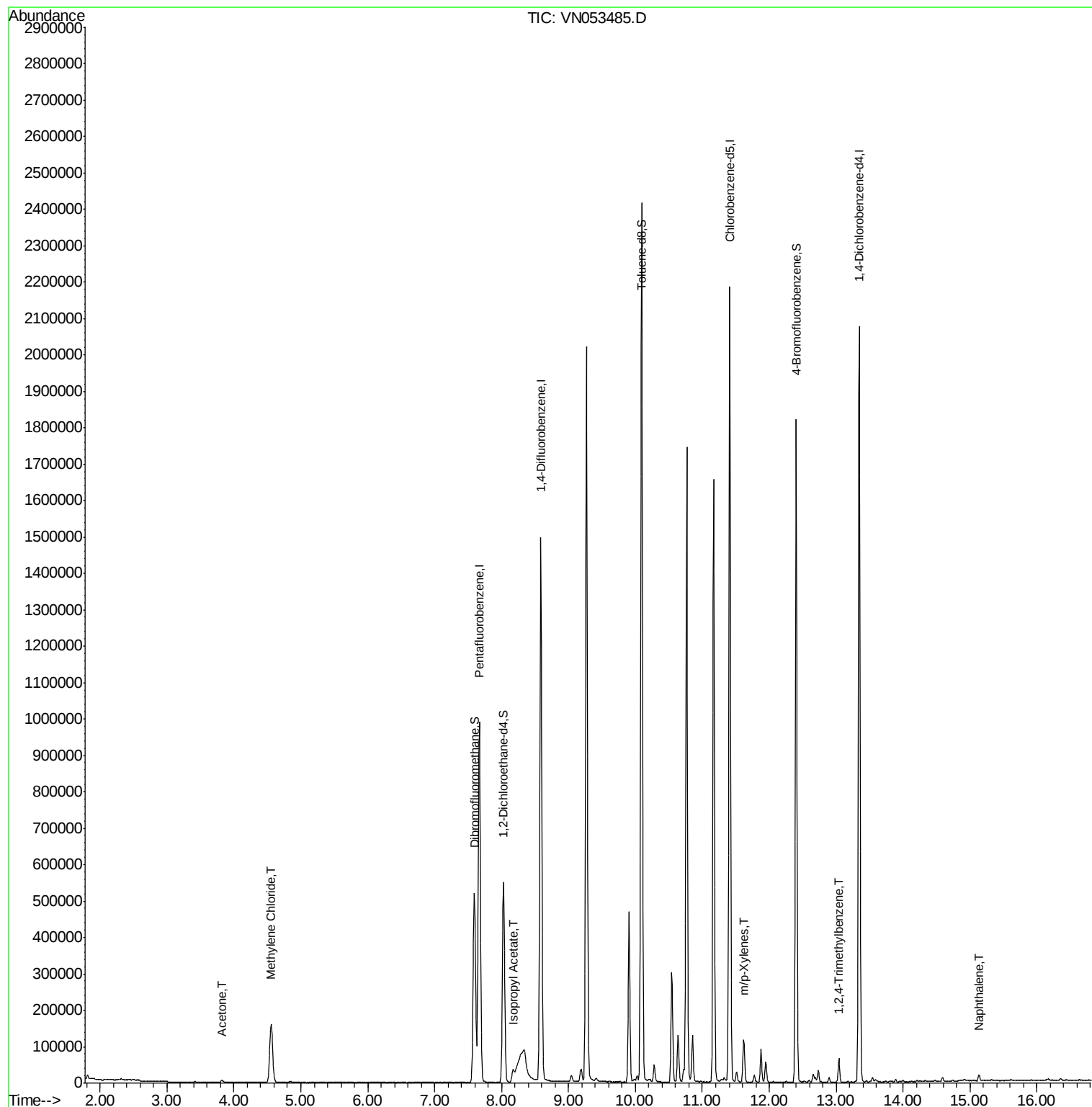
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	885694	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1400939	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1341699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	610232	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	458983	52.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.86%	
35) Dibromofluoromethane	7.59	113	408828	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
50) Toluene-d8	10.09	98	1740120	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.40	95	616945	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
Target Compounds						
16) Acetone	3.82	43	11230	5.468	ug/l	99
20) Methylene Chloride	4.56	84	127151	13.560	ug/l	98
43) Isopropyl Acetate	8.17	43	41320	3.131	ug/l #	82
68) m/p-Xylenes	11.62	106	38682	2.117	ug/l	100
84) 1,2,4-Trimethylbenzene	13.04	105	37240	1.016	ug/l	97
95) Naphthalene	15.14	128	15578	4.912	ug/l	98

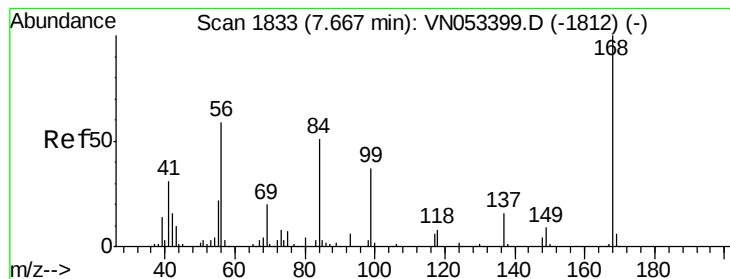
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN011819\
Data File : VN053485.D
Acq On : 18 Jan 2019 21:04
Operator : JC/SP
Sample : K1173-08
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 28 Sample Multiplier: 28

Instrument :
MSVOA_N
ClientSampleId :
RT-3425

Quant Time: Jan 19 01:21:22 2019
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: VN053485.D

Acq: 18 Jan 2019 21:04

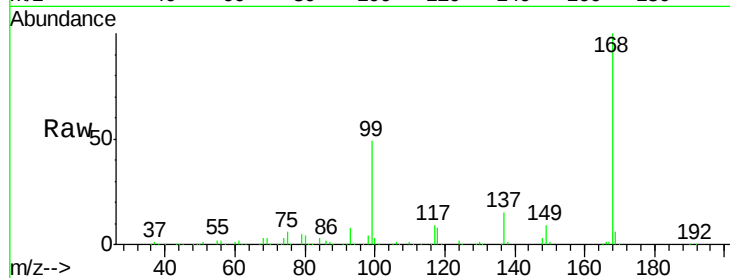
Instrument :
MSVOA_N
ClientSampled :
RT-3425

Tot Ion:168 Resp: 885694

Ion Ratio Lower Upper

168 100

99 49.1 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

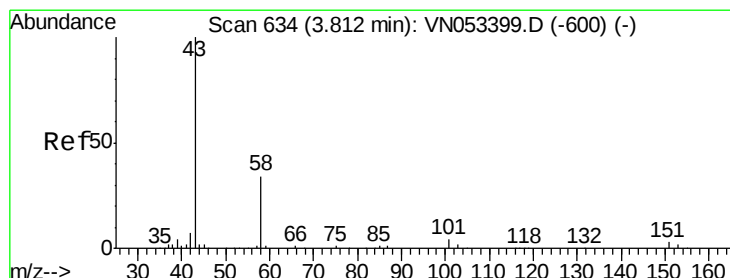
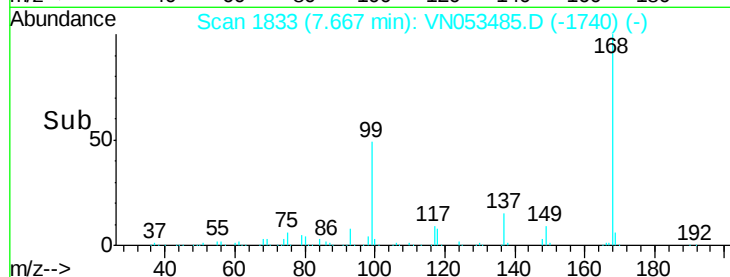
300000

200000

100000

0

Time--> 7.50 7.60 7.70 7.80



#16

Acetone

Concen: 5.468 ug/l

RT: 3.82 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN053485.D

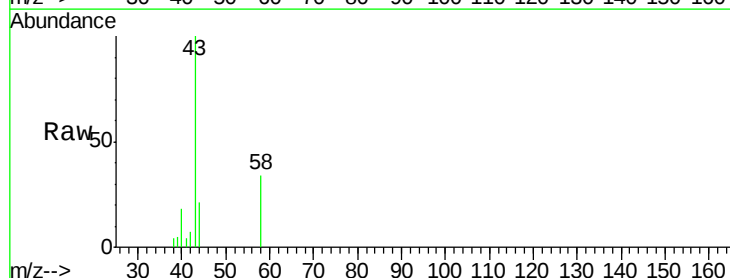
Acq: 18 Jan 2019 21:04

Tgt Ion: 43 Resp: 11230

Ion Ratio Lower Upper

43 100

58 33.5 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

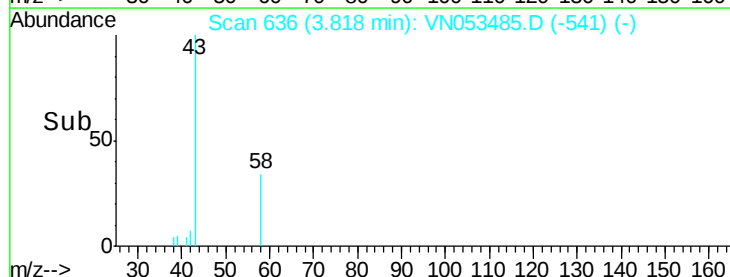
3000

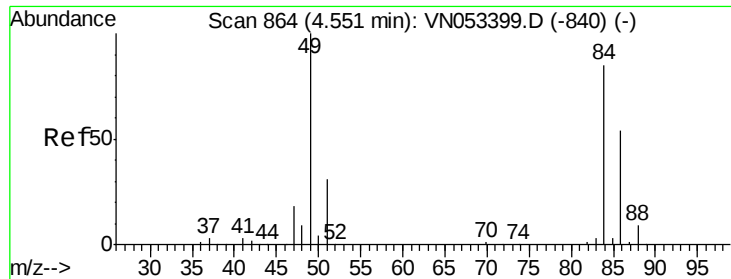
2000

1000

0

Time--> 3.75 3.80 3.85 3.90

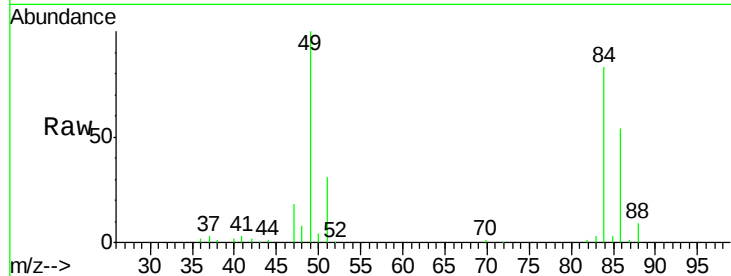




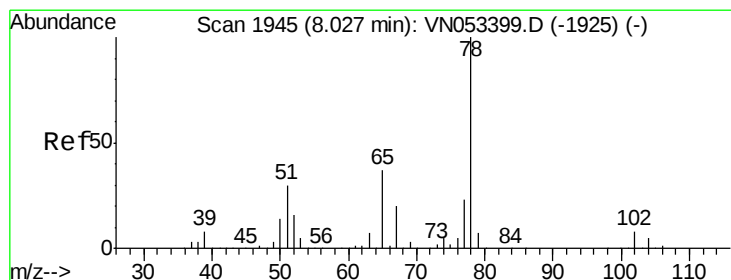
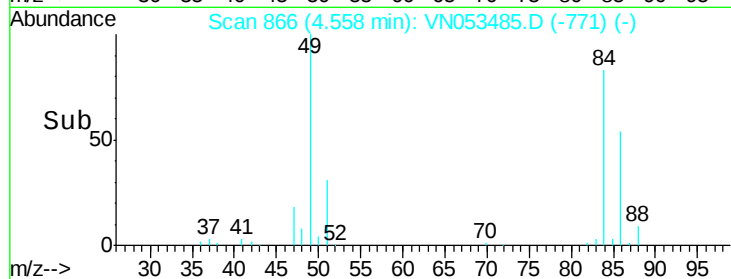
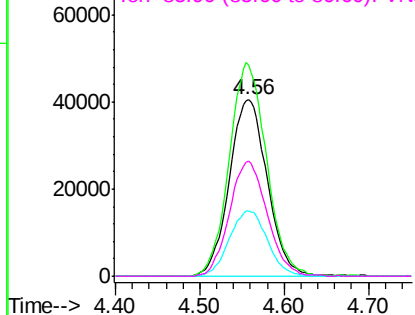
#20
Methylene Chloride
Concen: 13.560 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.01 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Instrument :
MSVOA_N
ClientSampled :
RT-3425

Tot Ion:	84	Resp:	127151
Ion	Ratio	Lower	Upper
84	100		
49	120.2	94.3	141.5
51	36.7	29.4	44.2
86	65.4	51.4	77.0

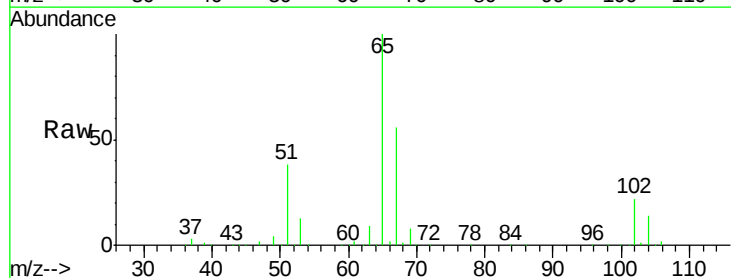


Abundance Ion 83.90 (83.60 to 84.60): VNC
Ion 48.90 (48.60 to 49.60): VNC
Ion 50.90 (50.60 to 51.60): VNC
Ion 85.90 (85.60 to 86.60): VNC

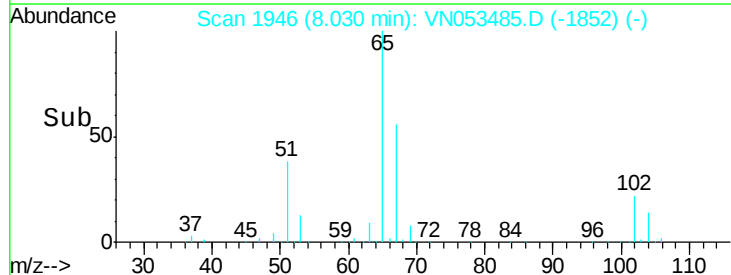
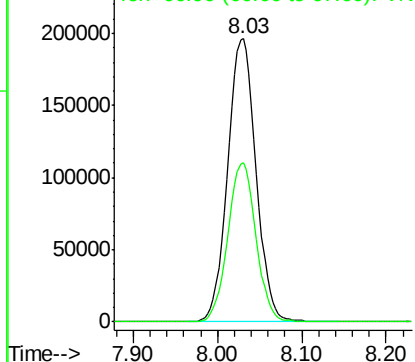


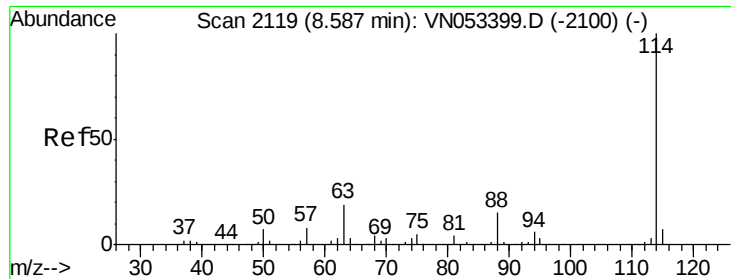
#33
1,2-Dichloroethane-d4
Concen: Below ug/l
RT: 8.03 min Scan# 1946
Delta R.T. 0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion:	65	Resp:	458983
Ion	Ratio	Lower	Upper
65	100		
67	55.6	0.0	111.2



Abundance Ion 64.90 (64.60 to 65.60): VNC
Ion 66.90 (66.60 to 67.60): VNC

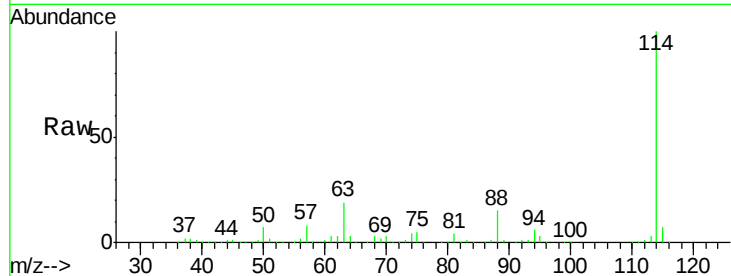




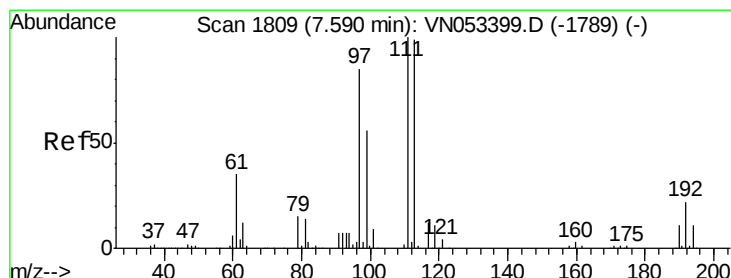
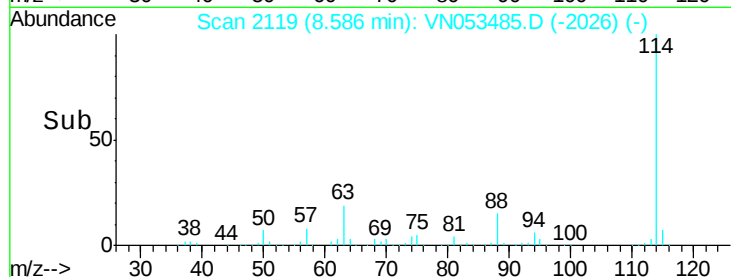
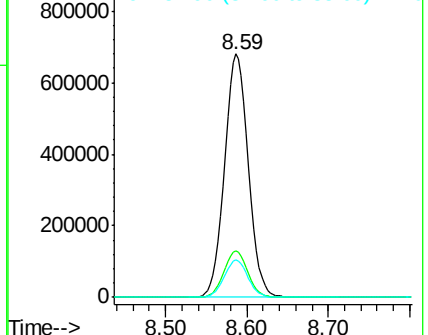
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053485.D
 Acq: 18 Jan 2019 21:04

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-3425

Tot Ion:114 Resp: 1400939
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.6
 88 15.3 0.0 30.4

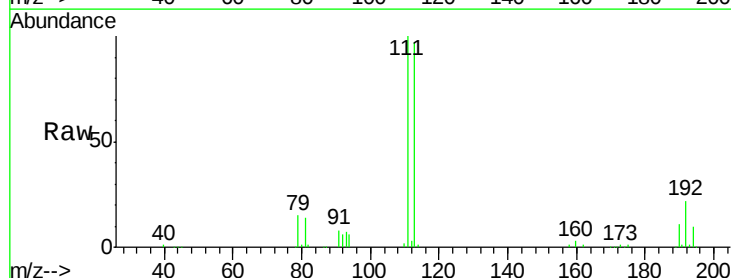


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

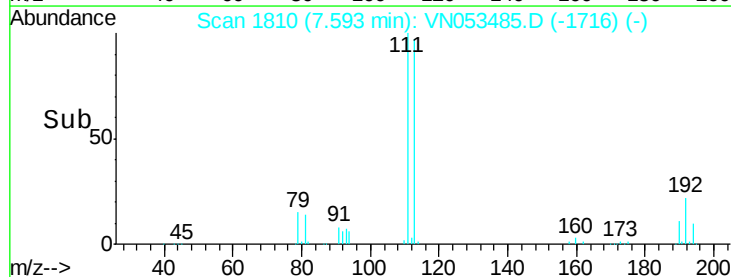
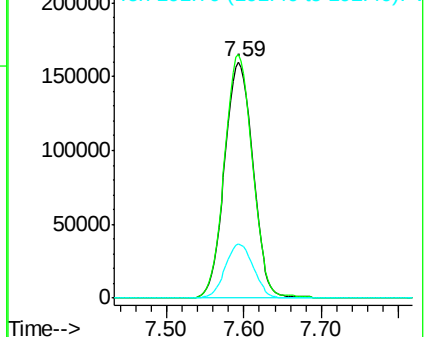


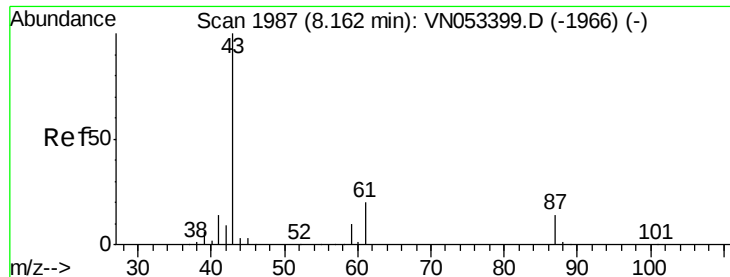
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN053485.D
 Acq: 18 Jan 2019 21:04

Tgt Ion:113 Resp: 408828
 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: 3.131 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

RT-3425

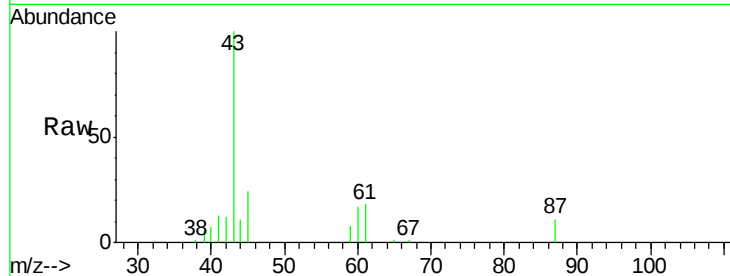
Tot Ion: 43 Resp: 41320

Ion Ratio Lower Upper

43 100

61 17.8 23.9 35.9#

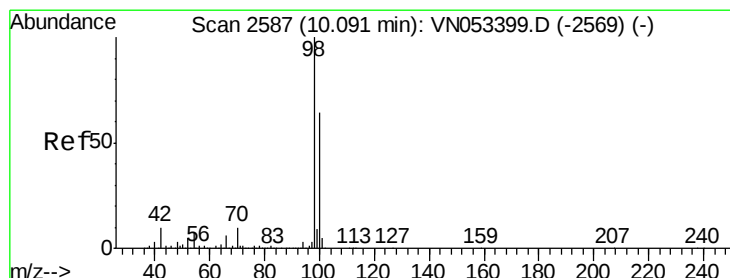
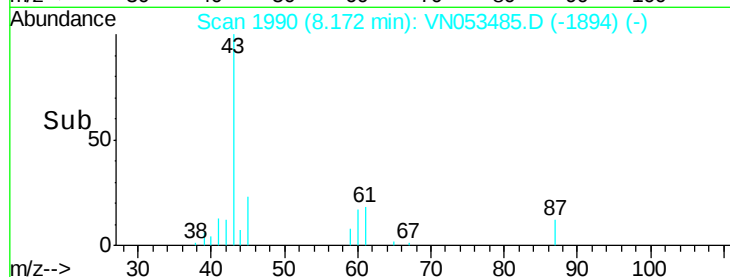
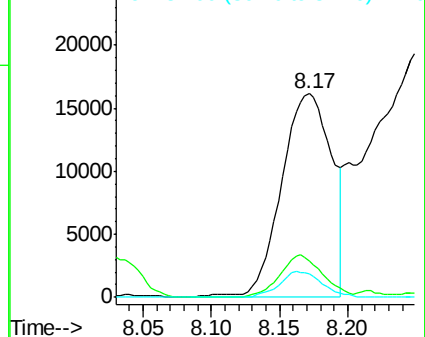
87 10.7 11.0 16.6#



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: VN053485.D

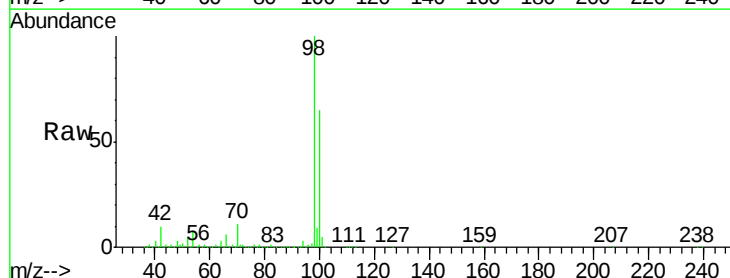
Acq: 18 Jan 2019 21:04

Tgt Ion: 98 Resp: 1740120

Ion Ratio Lower Upper

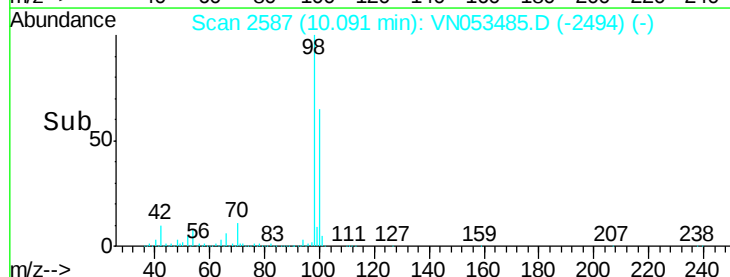
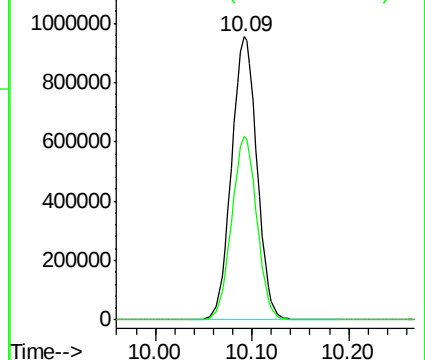
98 100

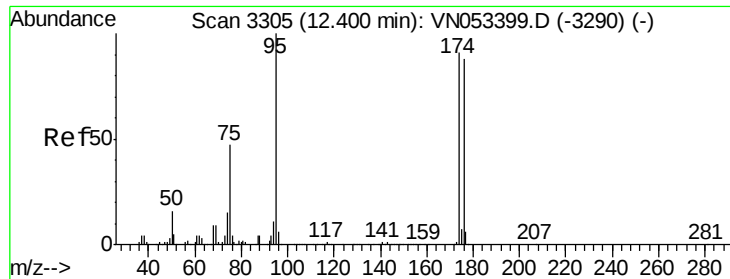
100 64.1 51.4 77.0



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: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA_N

ClientSampleId :

RT-3425

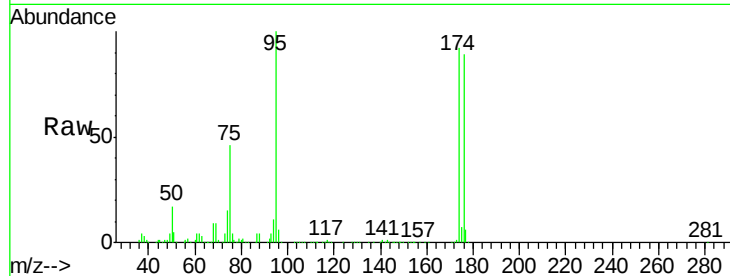
Tot Ion: 95 Resp: 616945

Ion Ratio Lower Upper

95 100

174 91.4 0.0 183.2

176 89.4 0.0 177.4

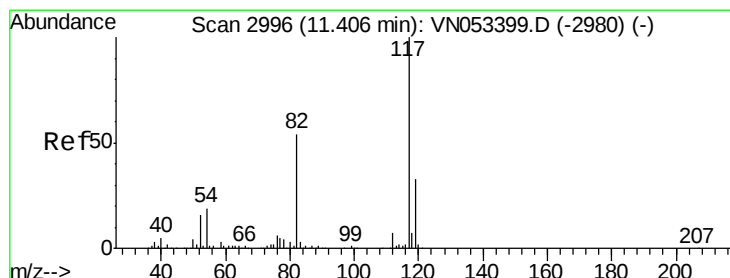
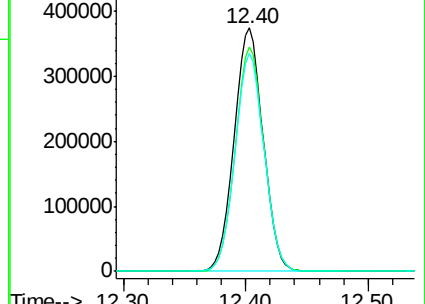
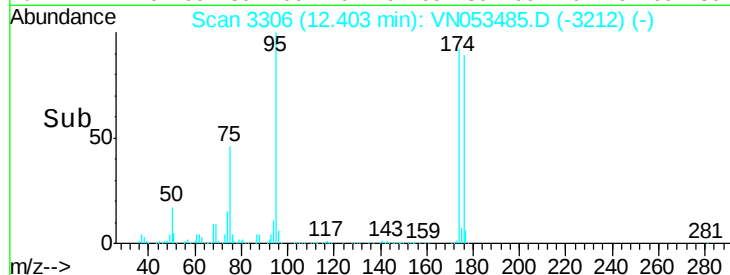


Abundance Ion 94.90 (94.60 to 95.60): VN053399.D (-3290) (-)

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: VN053485.D

Acq: 18 Jan 2019 21:04

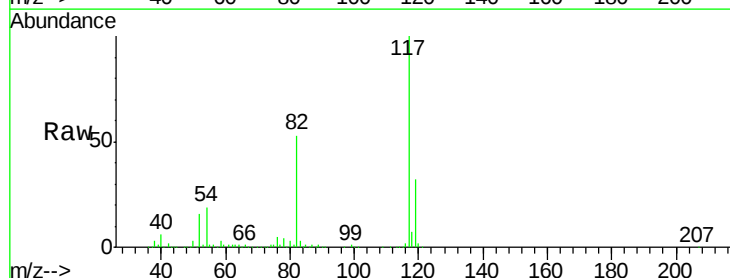
Tgt Ion: 117 Resp: 1341699

Ion Ratio Lower Upper

117 100

82 53.1 42.9 64.3

119 32.2 26.0 39.0

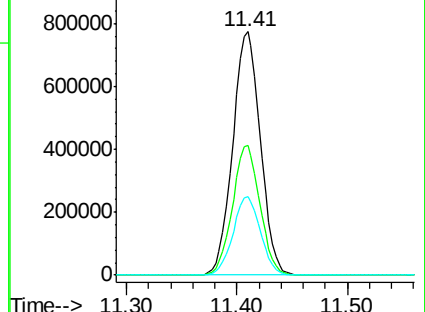
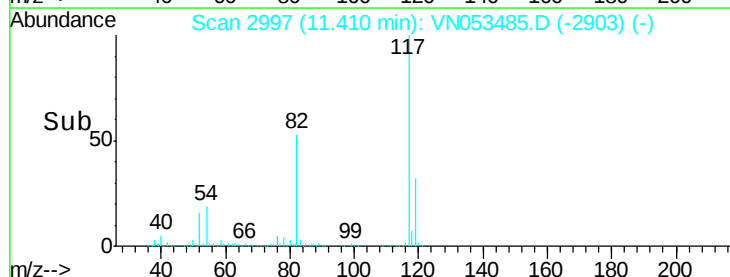


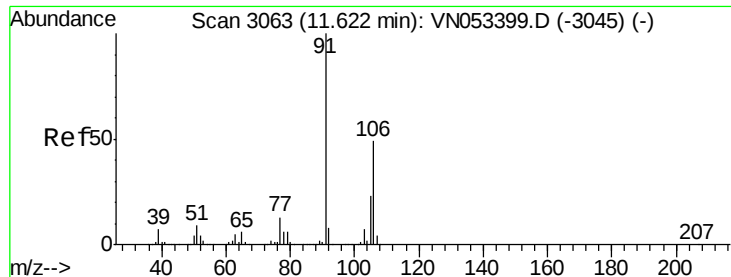
Abundance Ion 116.90 (116.60 to 117.60): VN053399.D (-2980) (-)

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

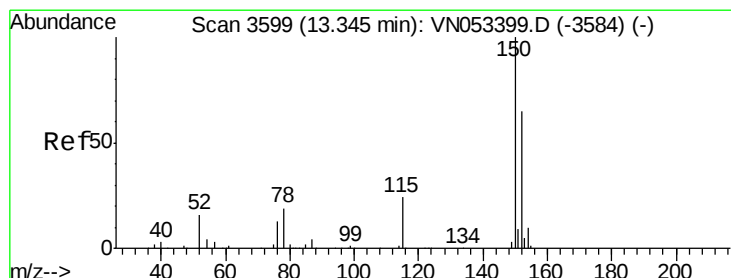
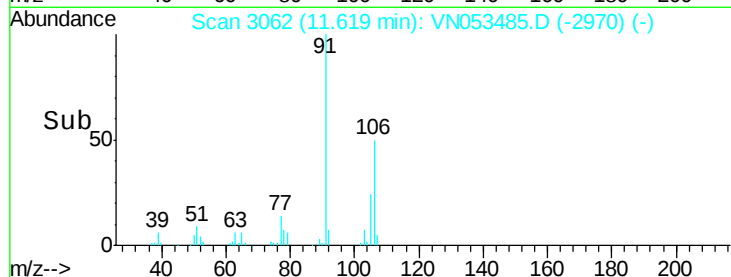
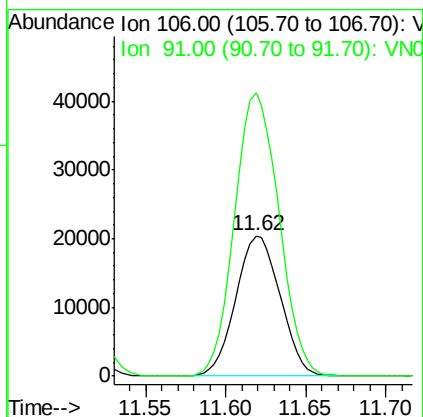
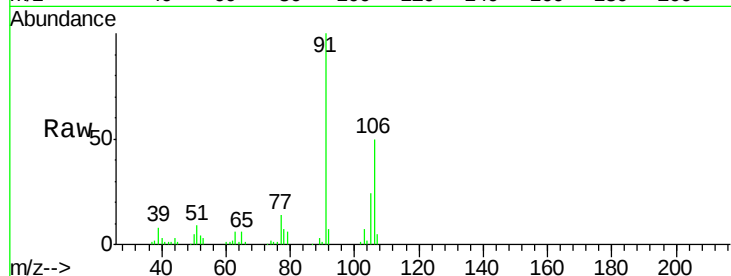




#68
m/p-Xvlenes
Concen: 2.117 ug/l
RT: 11.62 min Scan# 3062
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

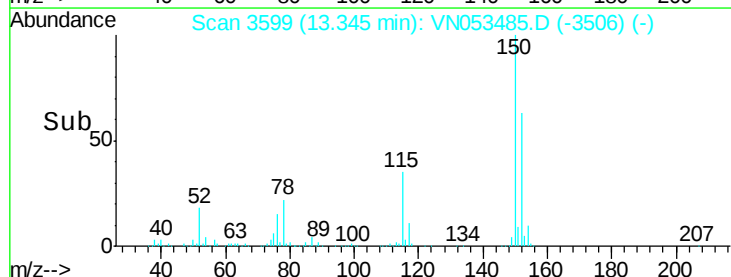
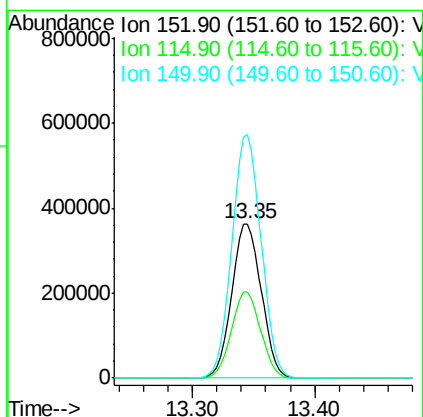
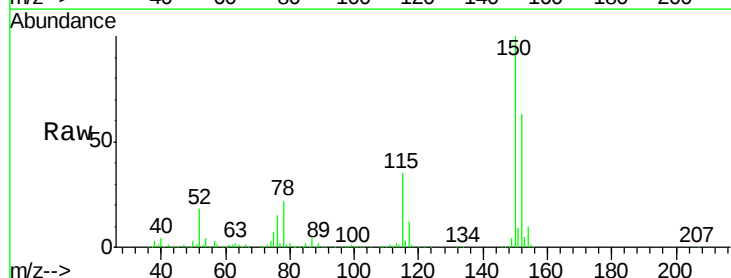
Instrument :
MSVOA_N
ClientSampled :
RT-3425

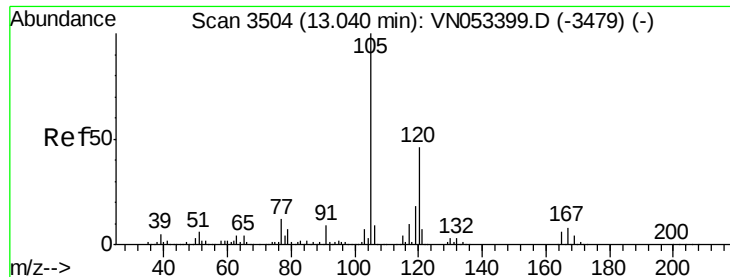
Tot Ion:106 Resp: 38682
Ion Ratio Lower Upper
106 100
91 201.9 161.4 242.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. -0.00 min
Lab File: VN053485.D
Acq: 18 Jan 2019 21:04

Tgt Ion:152 Resp: 610232
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 156.5 0.0 349.0





#84

1,2,4-Trimethylbenzene

Concen: 1.016 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

Instrument :

MSVOA_N

ClientSampled :

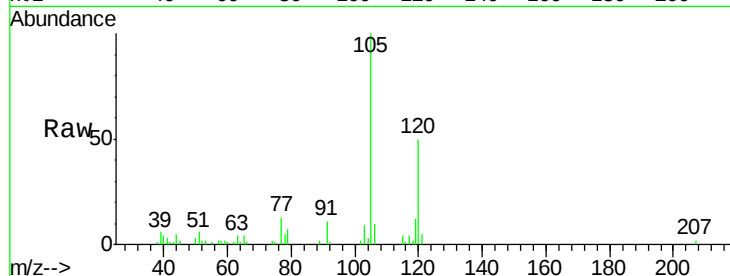
RT-3425

Tot Ion:105 Resp: 37240

Ion Ratio Lower Upper

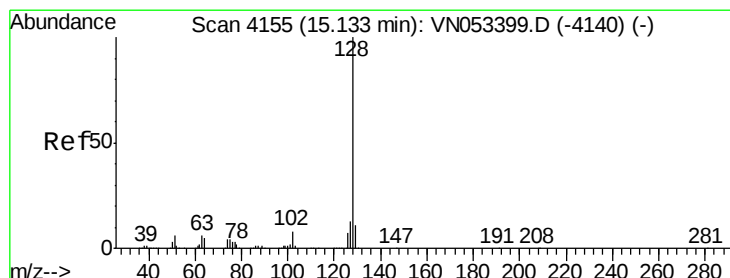
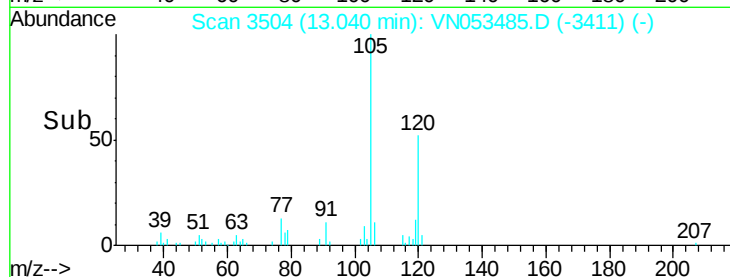
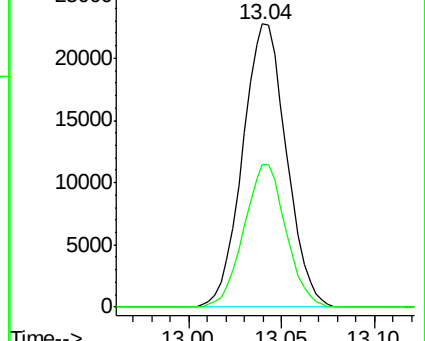
105 100

120 48.1 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: 4.912 ug/l

RT: 15.14 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN053485.D

Acq: 18 Jan 2019 21:04

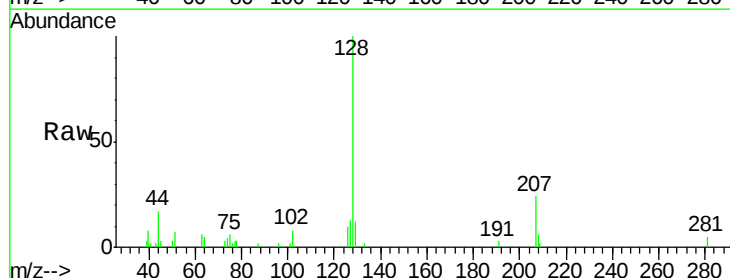
Tgt Ion:128 Resp: 15578

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 12.0 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

