

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059117.D
 Acq On : 7 Nov 2019 13:20
 Operator : JC/SP
 Sample : K5704-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WGGM-19-WW-TSF-039

Quant Time: Nov 08 02:28:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	72457	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	387620	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	334297	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.00	65	175377	28.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.07%
60) 4-Bromofluorobenzene	12.40	95	141729	24.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	80.80%
63) Toluene-d8	10.08	98	472197	29.92	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.73%

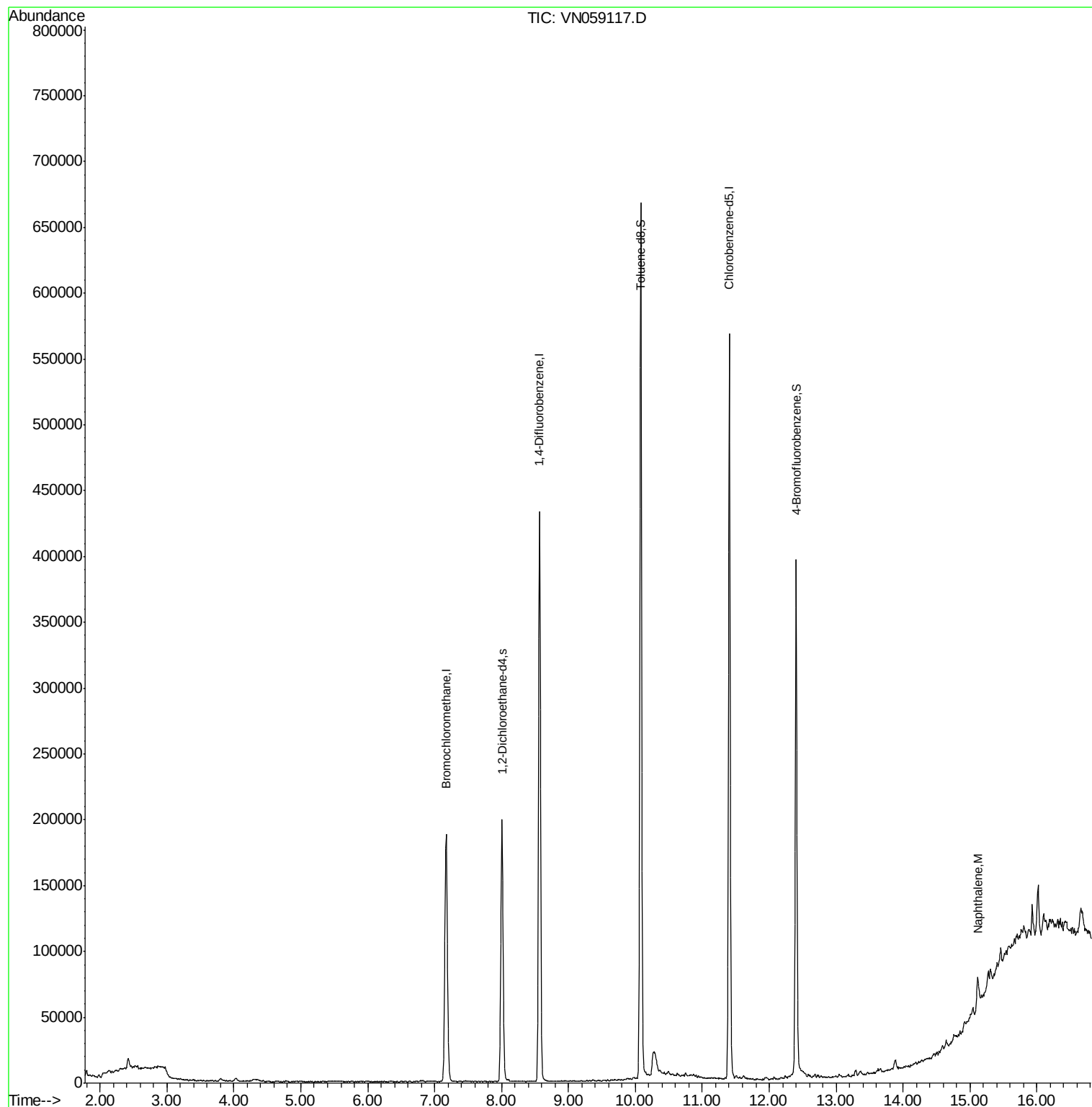
Target Compounds					Ovalue
91) Naphthalene	15.13	128	9541	0.606 ug/l	100

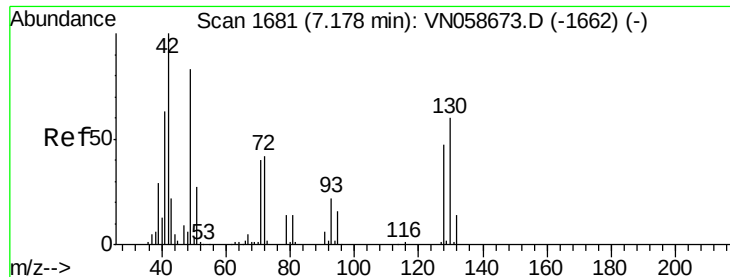
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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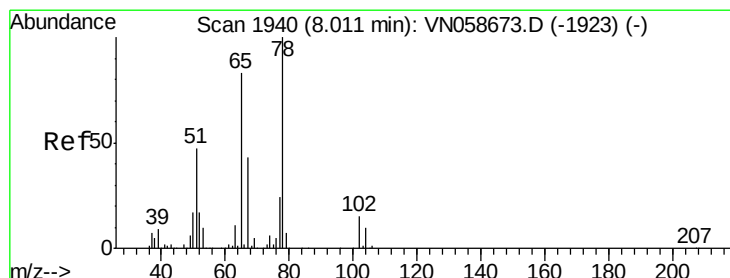
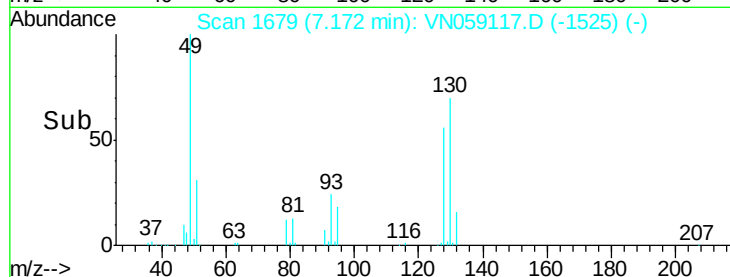
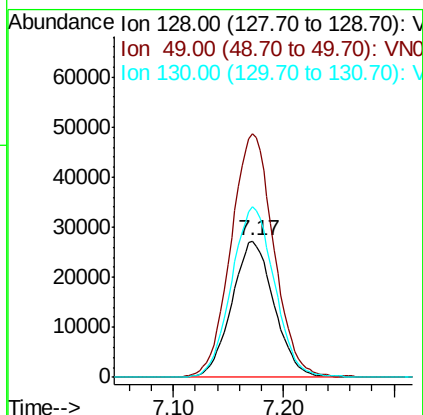
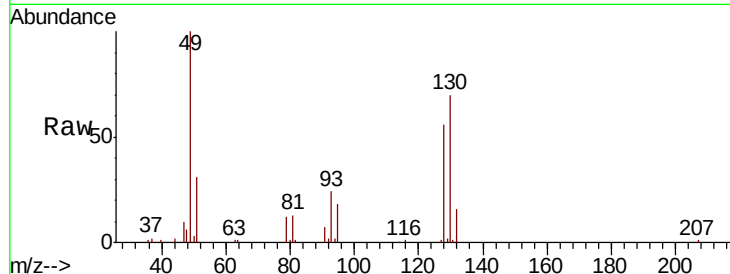




#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: VN059117.D
 Acq: 7 Nov 2019 13:20

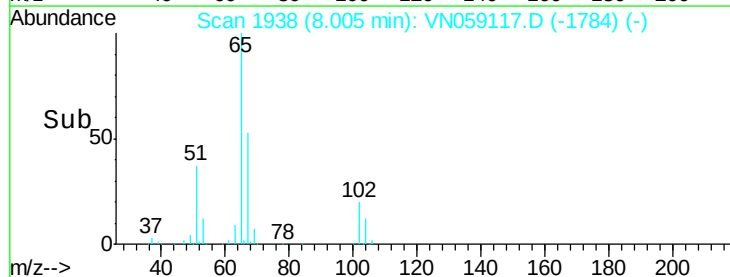
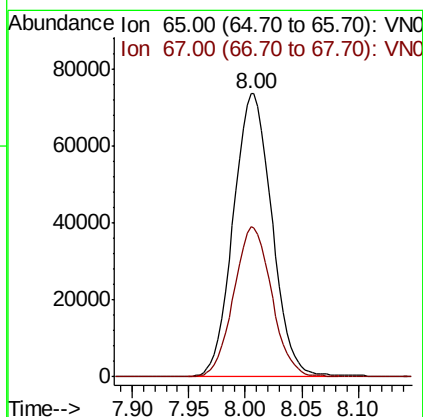
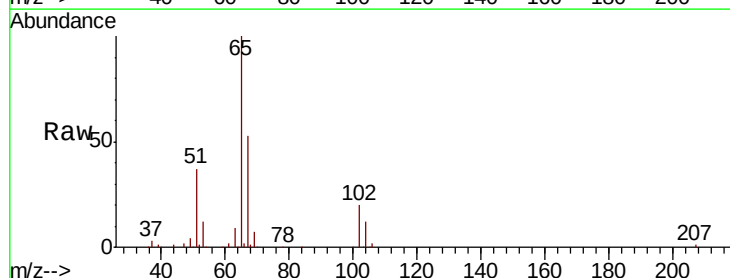
Instrument :
 MSVOA_N
 ClientSampleId :
 WGM-19-WW-TSF-039

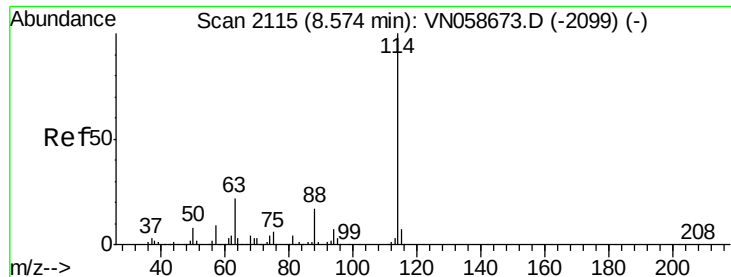
Tot Ion:128 Resp: 72457
 Ion Ratio Lower Upper
 128 100
 49 181.2 0.0 453.5
 130 127.3 0.0 314.2



#27
 1,2-Dichloroethane-d4
 Concen: 28.518 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: VN059117.D
 Acq: 7 Nov 2019 13:20

Tgt Ion: 65 Resp: 175377
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.5 62.3

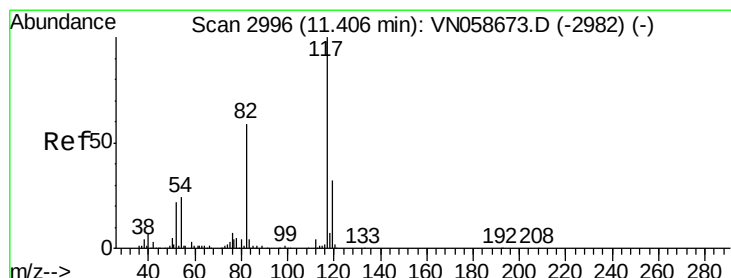
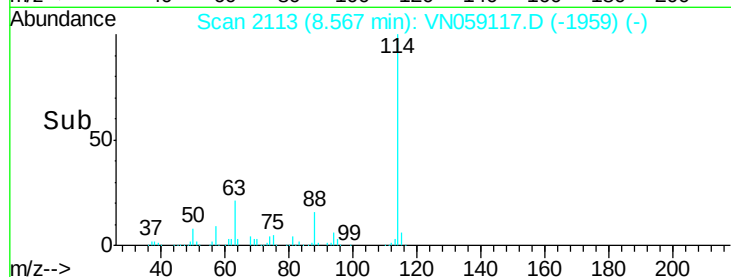
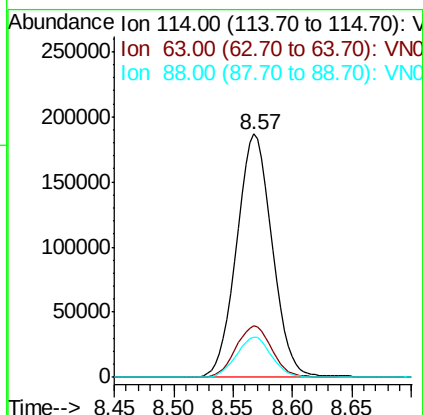
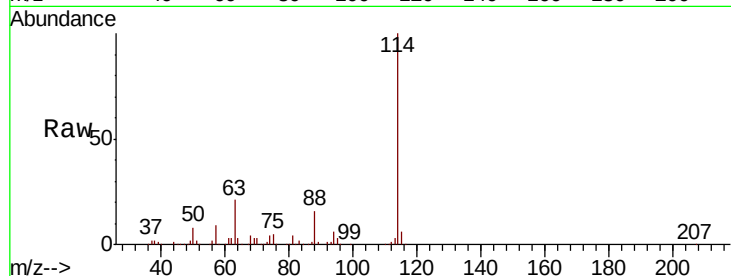




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: VN059117.D
 Acq: 7 Nov 2019 13:20

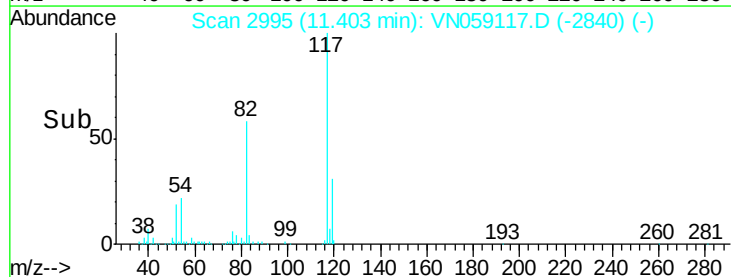
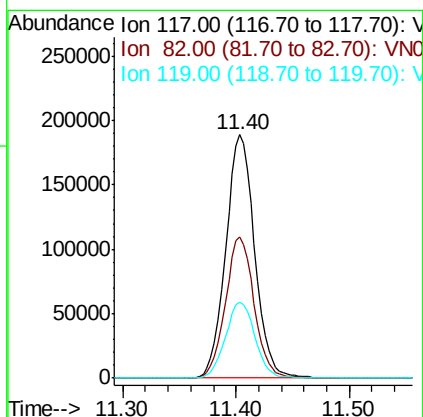
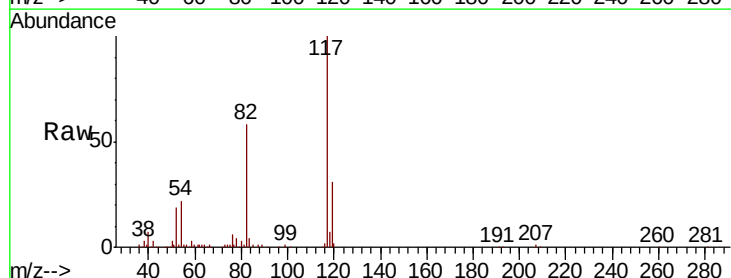
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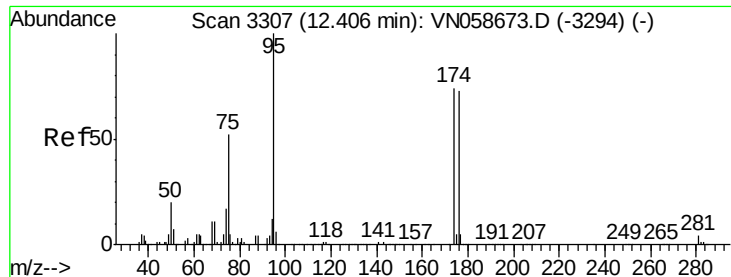
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.4	18.1	27.1
88	16.3	13.0	19.4



#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.40 min Scan# 2995
 Delta R.T. -0.00 min
 Lab File: VN059117.D
 Acq: 7 Nov 2019 13:20

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.0	46.9	70.3
119	32.2	25.8	38.6





#60

4-Bromofluorobenzene

Concen: 24.237 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.01 min

Lab File: VN059117.D

Acq: 7 Nov 2019 13:20

Instrument :

MSVOA_N

ClientSampleId :

WGGM-19-WW-TSF-039

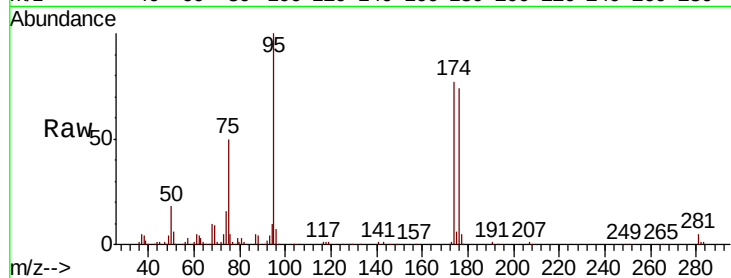
Tot Ion: 95 Resp: 141729

Ion Ratio Lower Upper

95 100

174 79.5 59.9 89.9

176 76.5 58.3 87.5

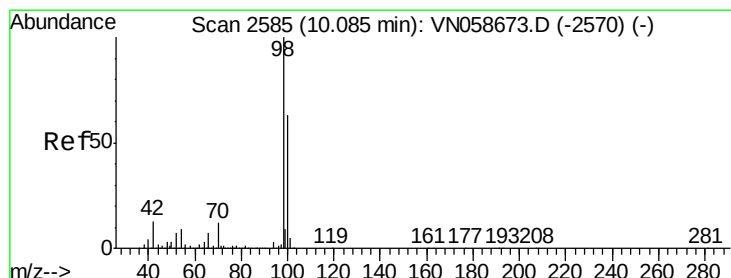
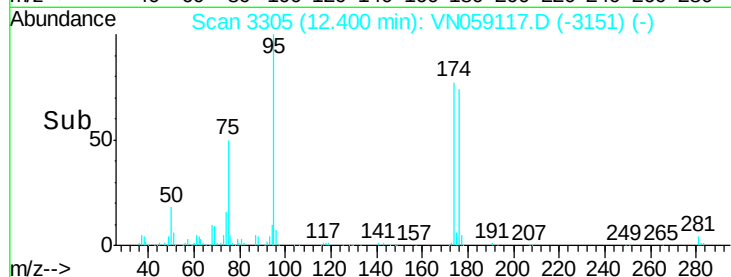


Abundance Ion 95.00 (94.70 to 95.70): VN058673.D (-3294) (-)

Ion 174.00 (173.70 to 174.70): VN058673.D (-3294) (-)

Ion 176.00 (175.70 to 176.70): VN058673.D (-3294) (-)

Time-->



#63

Toluene-d8

Concen: 29.916 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.01 min

Lab File: VN059117.D

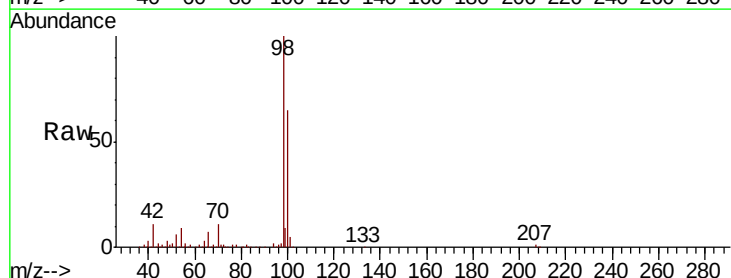
Acq: 7 Nov 2019 13:20

Tgt Ion: 98 Resp: 472197

Ion Ratio Lower Upper

98 100

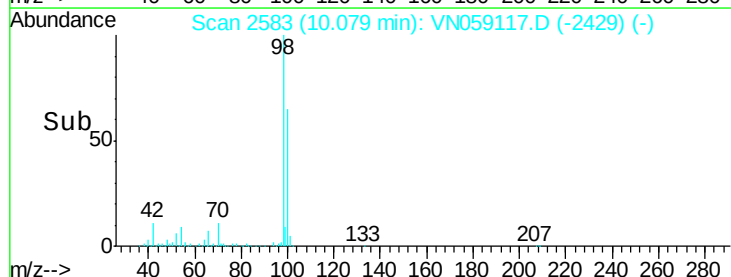
100 64.3 50.6 75.8

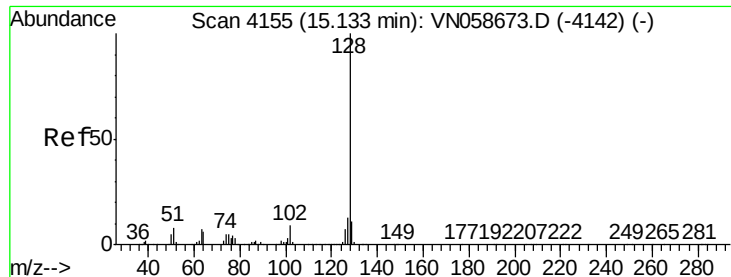


Abundance Ion 98.00 (97.70 to 98.70): VN058673.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN058673.D (-2570) (-)

Time-->

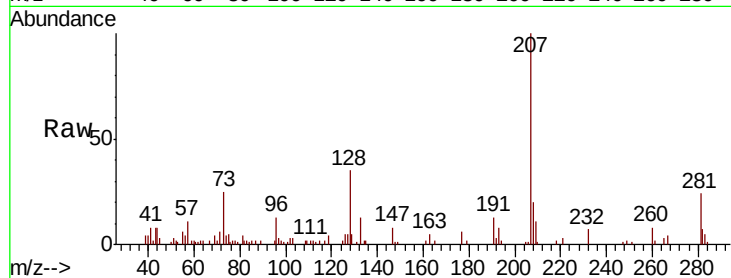




#91
Naphthalene
Concen: 0.606 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. -0.00 min
Lab File: VN059117.D
Acq: 7 Nov 2019 13:20

Instrument :
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WGGM-19-WW-TSF-039

Tot Ion:128 Resp: 9541
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.6 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

