

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031619\
 Data File : VN054373.D
 Acq On : 17 Mar 2019 8:45
 Operator : JC/SP
 Sample : K1687-08
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-031519-A

Quant Time: Mar 18 08:43:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

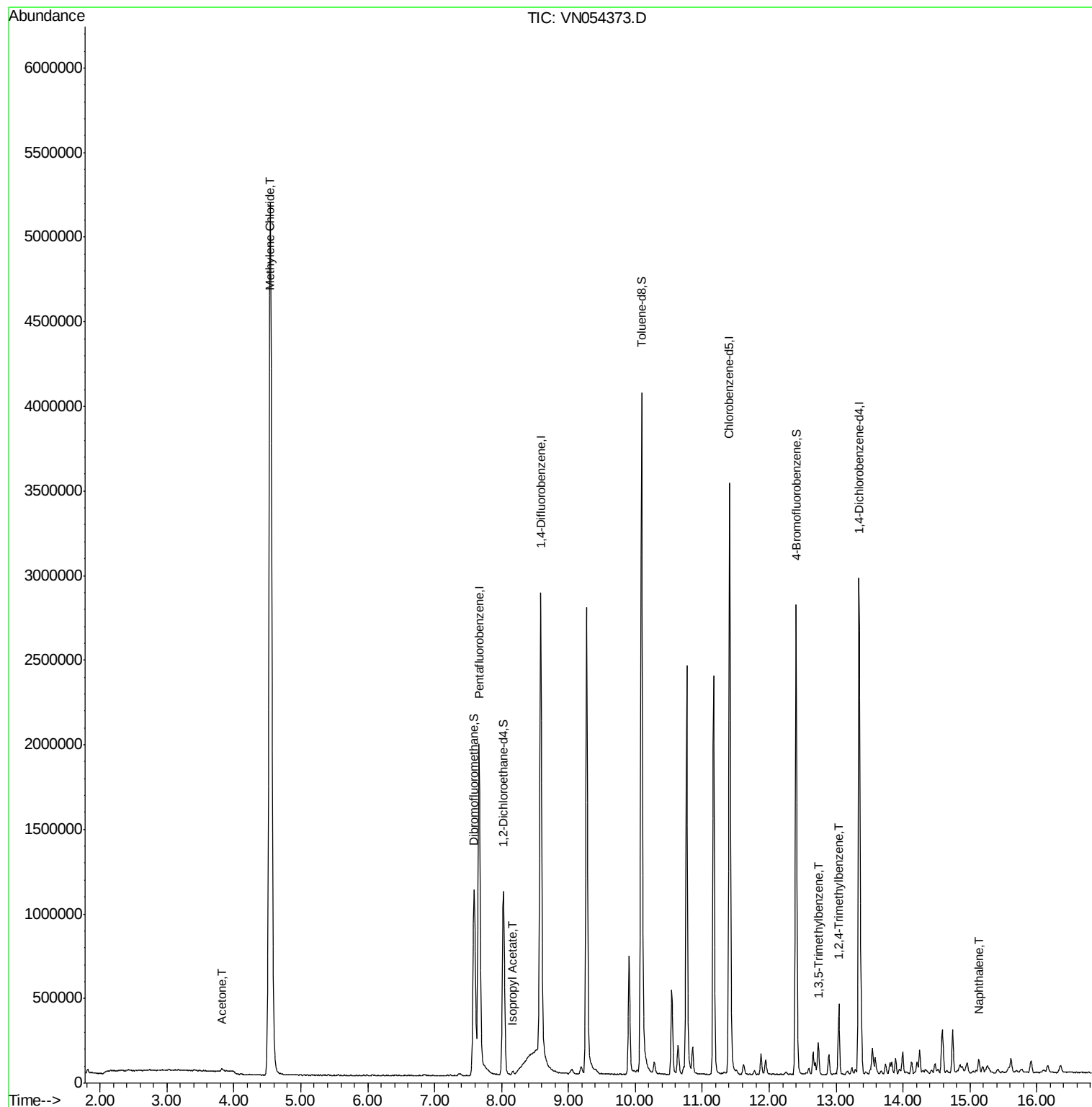
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1837961	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2777984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2320876	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	872705	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	953191	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
35) Dibromofluoromethane	7.59	113	839818	46.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.74%	
50) Toluene-d8	10.09	98	3197066	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	948564	40.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.94%	
Target Compounds						
16) Acetone	3.82	43	18127	3.243	ug/l #	86
20) Methylene Chloride	4.54	84	4131859	225.157	ug/l	99
43) Isopropyl Acetate	8.17	43	28977	1.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	106981	1.842	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	244343	4.288	ug/l	99
95) Naphthalene	15.13	128	74964	5.292	ug/l	99

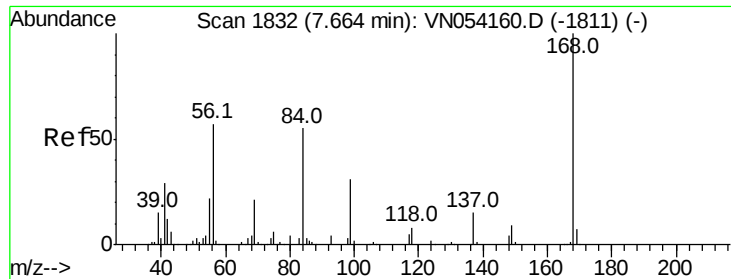
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 13 03:33:31 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: VN054373.D

Acq: 17 Mar 2019 8:45

Instrument :

MSVOA_N

ClientSampleId :

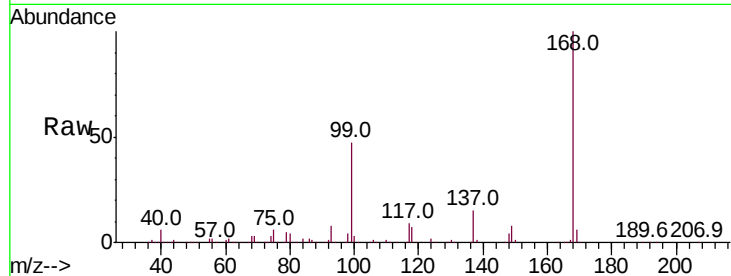
HR-05-031519-A

Tot Ion:168 Resp: 1837961

Ion Ratio Lower Upper

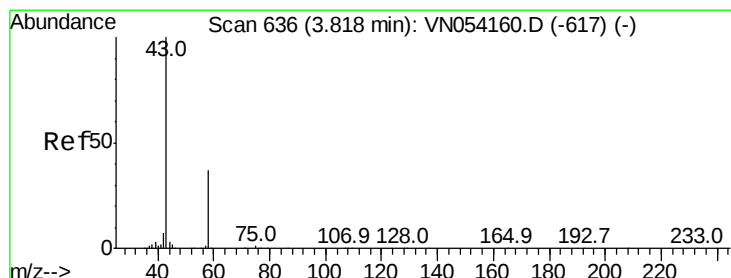
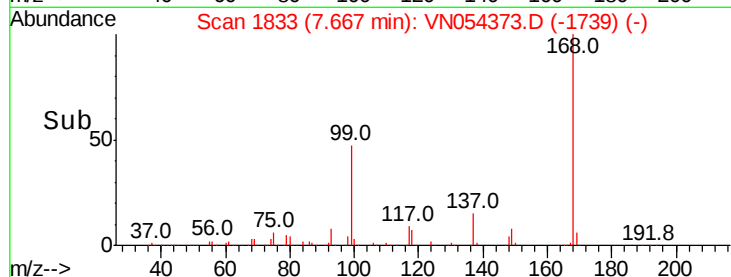
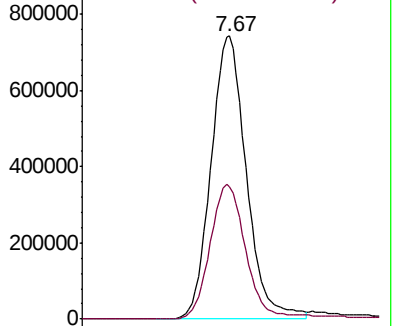
168 100

99 46.9 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#16

Acetone

Concen: 3.243 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.00 min

Lab File: VN054373.D

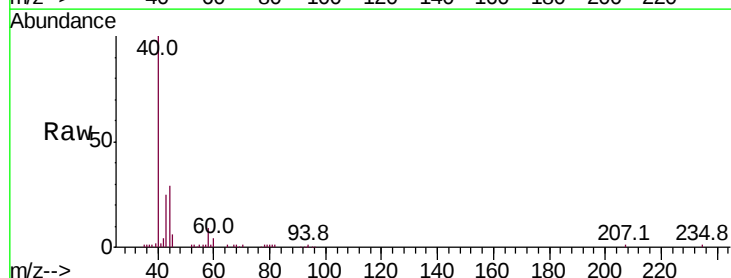
Acq: 17 Mar 2019 8:45

Tgt Ion: 43 Resp: 18127

Ion Ratio Lower Upper

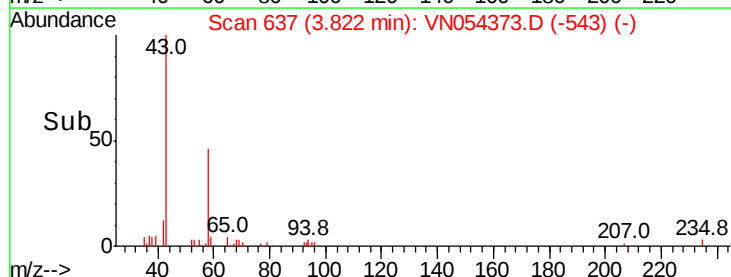
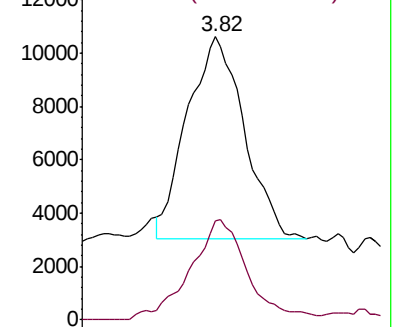
43 100

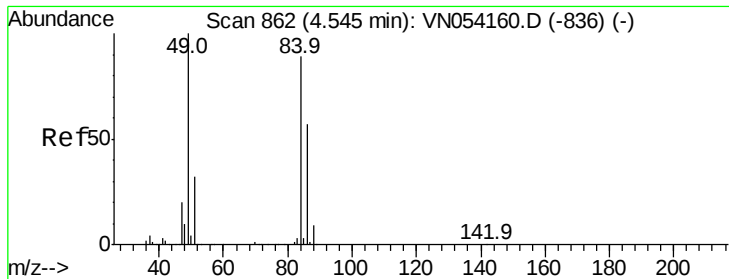
58 45.5 29.9 44.9#



Abundance Ion 43.00 (42.70 to 43.70): VN

Ion 58.00 (57.70 to 58.70): VN





#20

Methylene Chloride

Concen: 225.157 ug/l

RT: 4.54 min Scan# 862

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

Instrument :

MSVOA_N

ClientSampleId :

HR-05-031519-A

Tot Ion: 84 Resp: 4131859

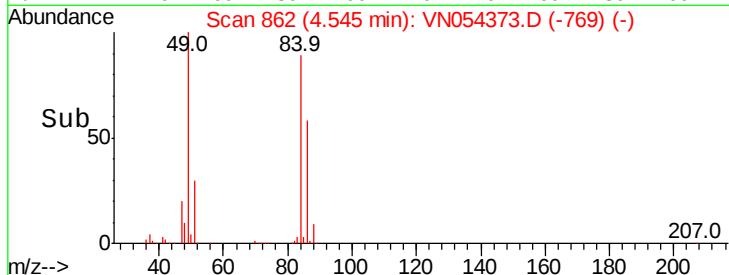
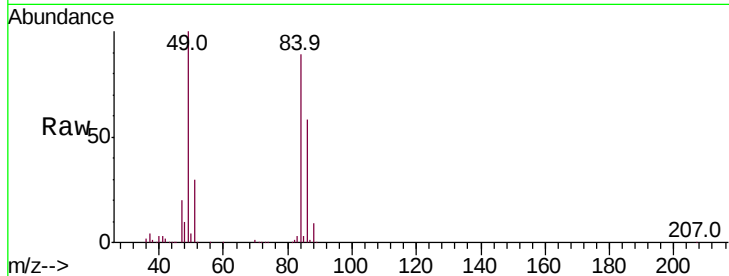
Ion	Ratio	Lower	Upper
84	100		
49	112.5	89.7	134.5
51	34.3	28.2	42.4
86	64.9	50.8	76.2

84 100

49 112.5 89.7 134.5

51 34.3 28.2 42.4

86 64.9 50.8 76.2

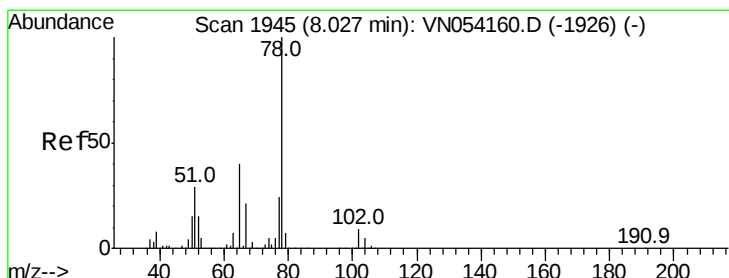
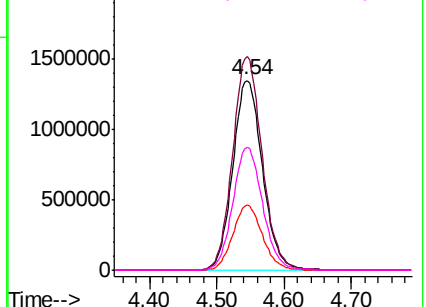


Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 48.834 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN054373.D

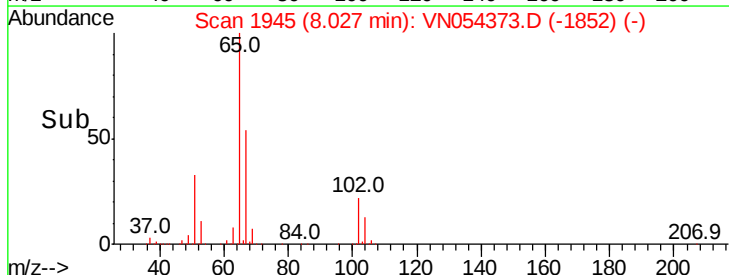
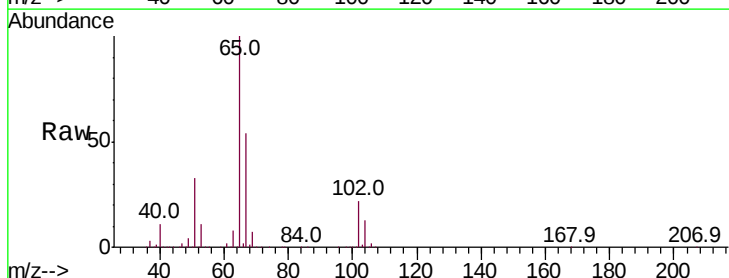
Acq: 17 Mar 2019 8:45

Tgt Ion: 65 Resp: 953191

Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.6

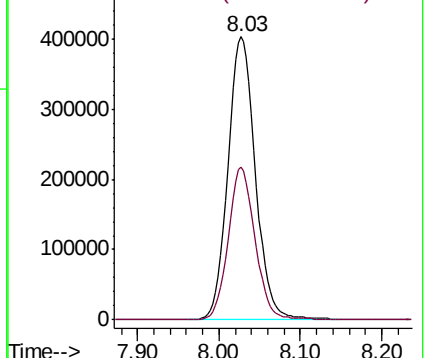
65 100

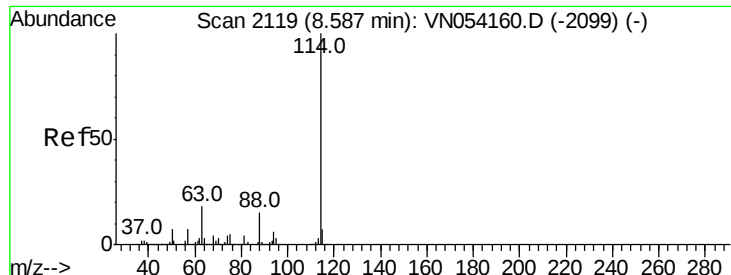
67 52.5 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



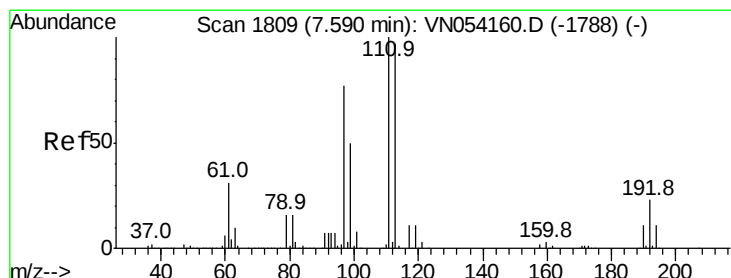
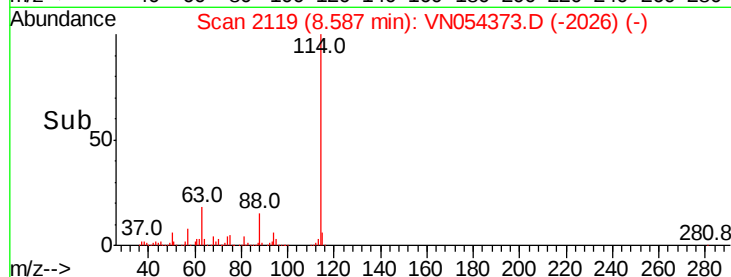
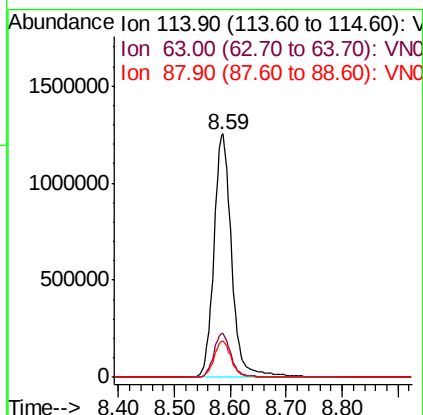
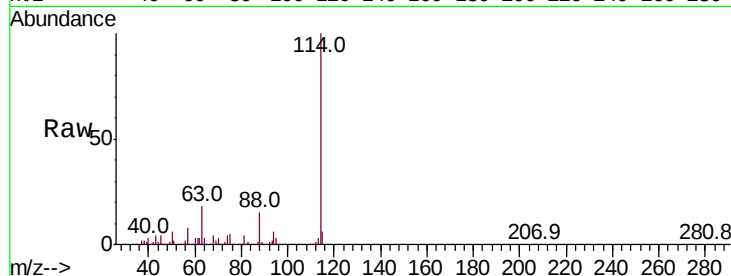


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN054373.D
 Acq: 17 Mar 2019 8:45

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-05-031519-A

Tot Ion:114 Resp: 2777984

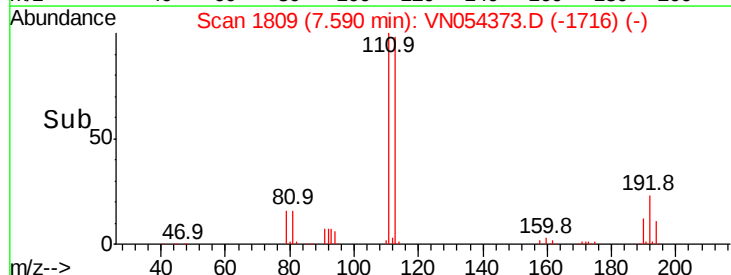
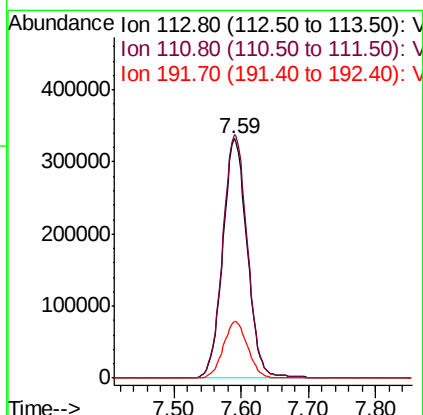
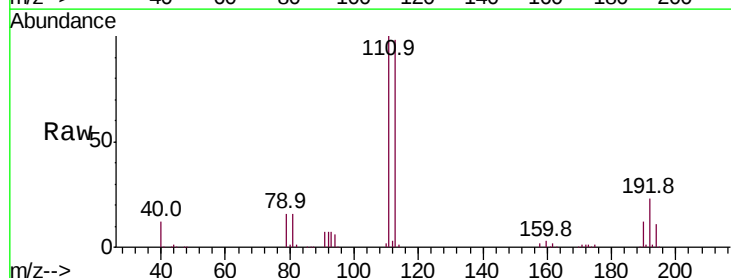
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	35.2
88	15.0	0.0	30.2

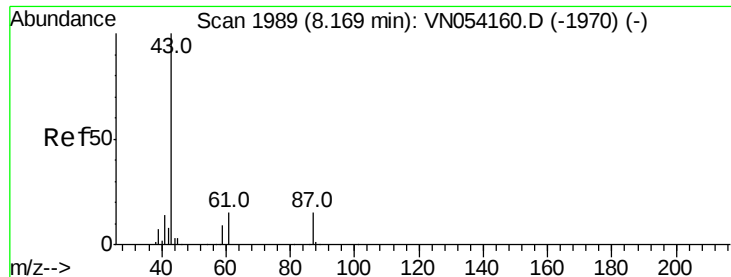


#35
 Dibromofluoromethane
 Concen: 46.873 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN054373.D
 Acq: 17 Mar 2019 8:45

Tgt Ion:113 Resp: 839818

Ion	Ratio	Lower	Upper
113	100		
111	103.2	82.2	123.4
192	23.6	19.2	28.8





#43

Isopropyl Acetate

Concen: 1.123 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

Instrument :

MSVOA_N

ClientSampleId :

HR-05-031519-A

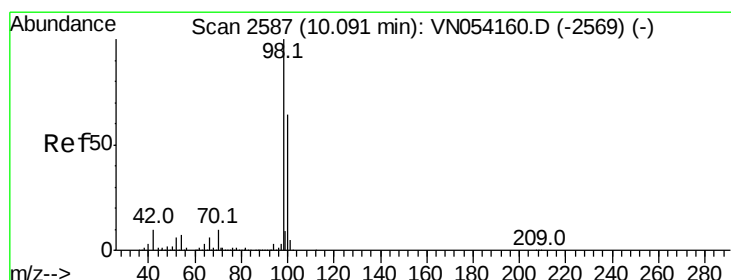
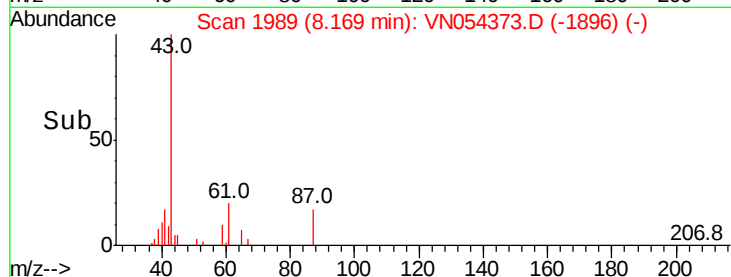
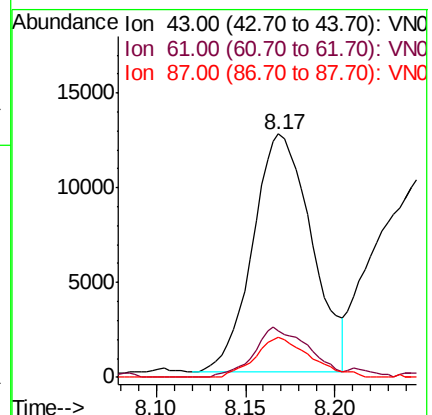
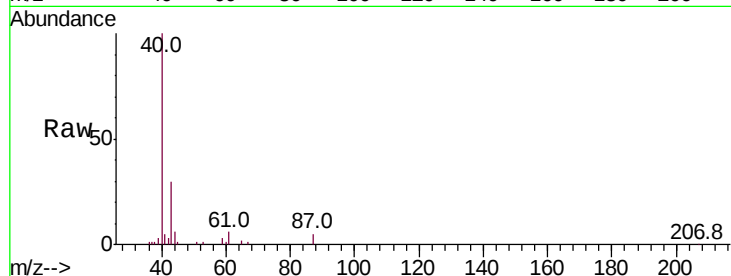
Tot Ion: 43 Resp: 28977

Ion Ratio Lower Upper

43 100

61 19.5 15.8 23.8

87 15.6 12.0 18.0



#50

Toluene-d8

Concen: 48.316 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN054373.D

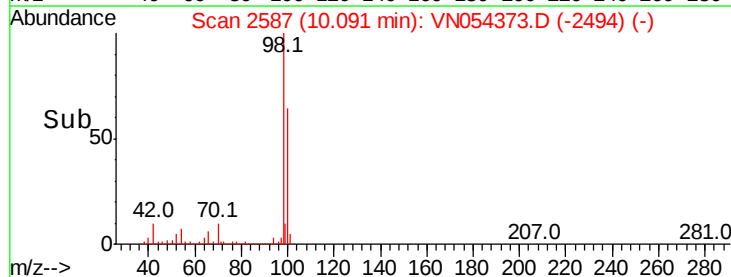
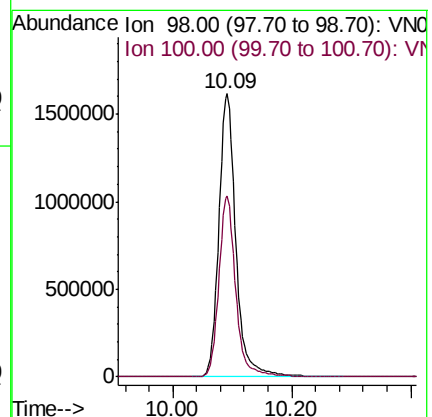
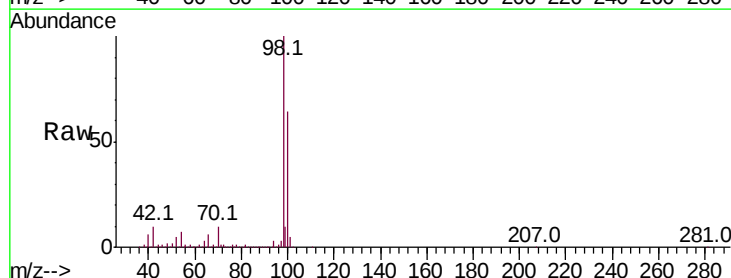
Acq: 17 Mar 2019 8:45

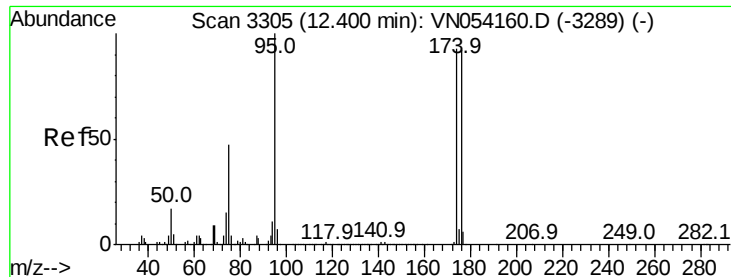
Tgt Ion: 98 Resp: 3197066

Ion Ratio Lower Upper

98 100

100 63.6 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 40.970 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

Instrument :

MSVOA_N

ClientSampleId :

HR-05-031519-A

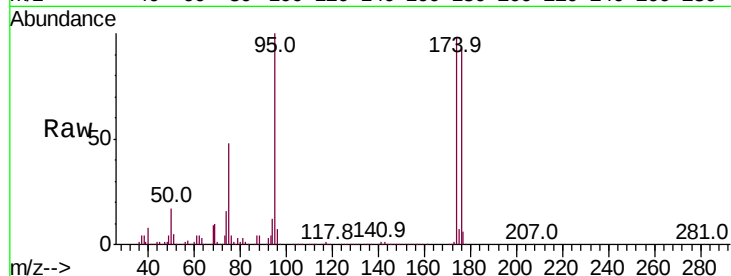
Tot Ion: 95 Resp: 948564

Ion Ratio Lower Upper

95 100

174 97.0 0.0 191.0

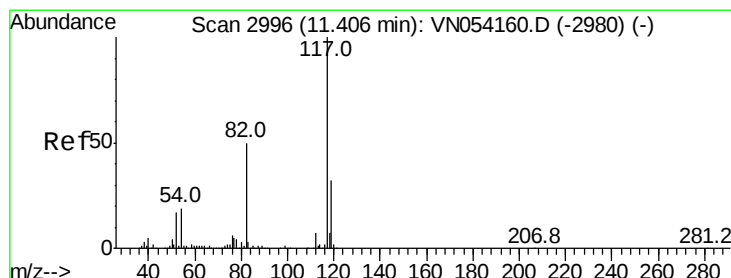
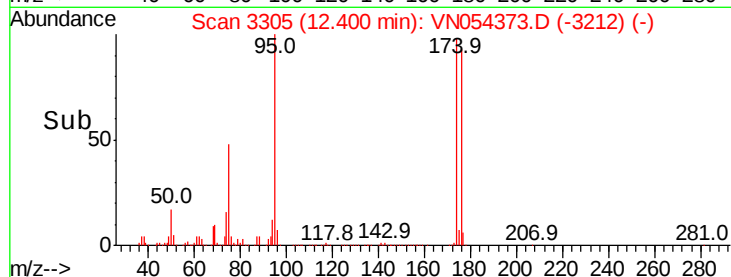
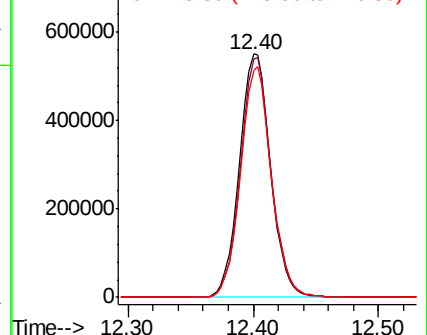
176 93.3 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN054373.D (-2903) (-)

Ion 173.80 (173.50 to 174.50): VN054373.D (-2903) (-)

Ion 175.80 (175.50 to 176.50): VN054373.D (-2903) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

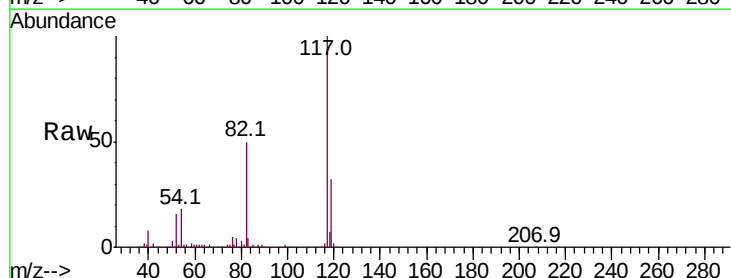
Tgt Ion: 117 Resp: 2320876

Ion Ratio Lower Upper

117 100

82 50.3 40.0 60.0

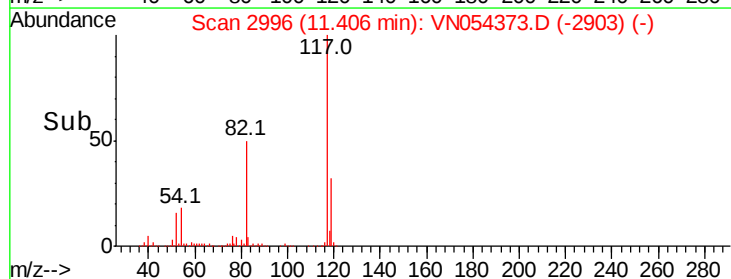
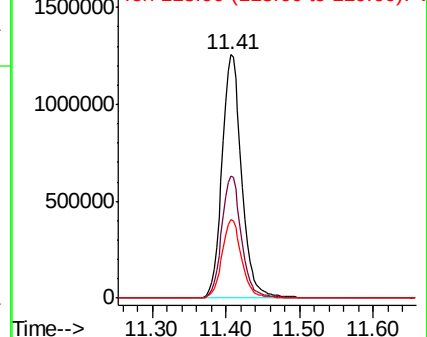
119 32.3 25.8 38.6

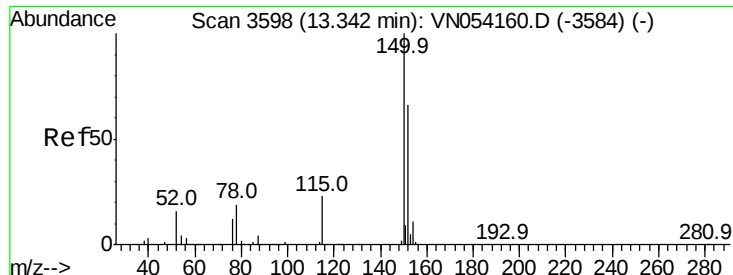


Abundance Ion 116.90 (116.60 to 117.60): VN054373.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN054373.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN054373.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

Instrument :

MSVOA_N

ClientSampleId :

HR-05-031519-A

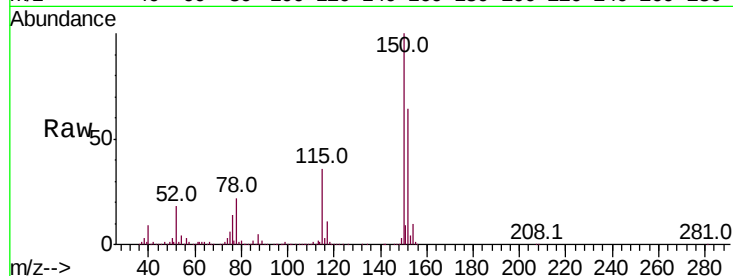
Tot Ion:152 Resp: 872705

Ion Ratio Lower Upper

152 100

115 55.7 27.2 81.6

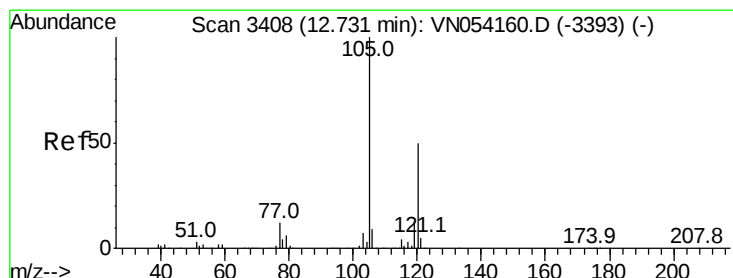
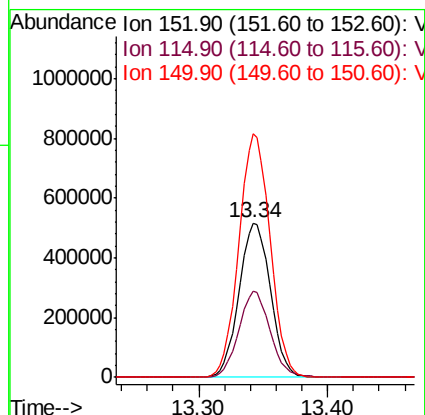
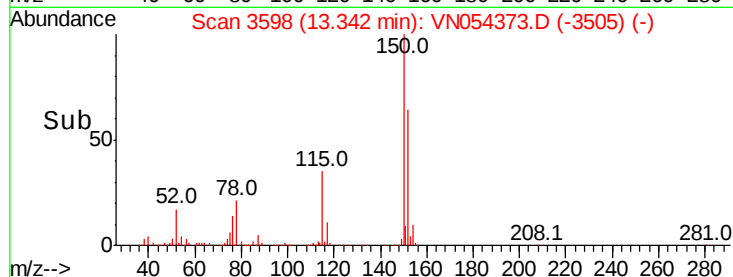
150 157.1 0.0 349.2



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



#80

1,3,5-Trimethylbenzene

Concen: 1.842 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN054373.D

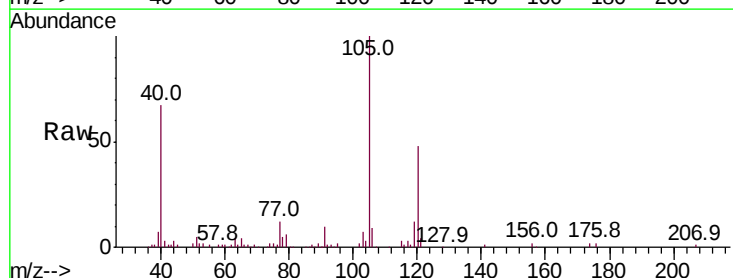
Acq: 17 Mar 2019 8:45

Tgt Ion:105 Resp: 106981

Ion Ratio Lower Upper

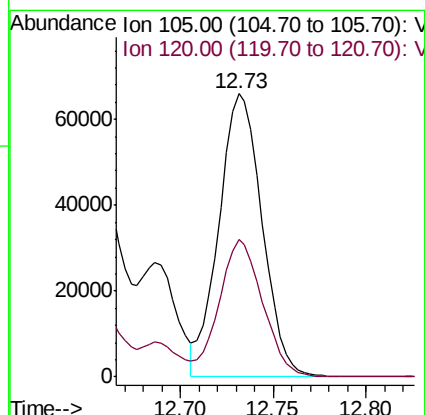
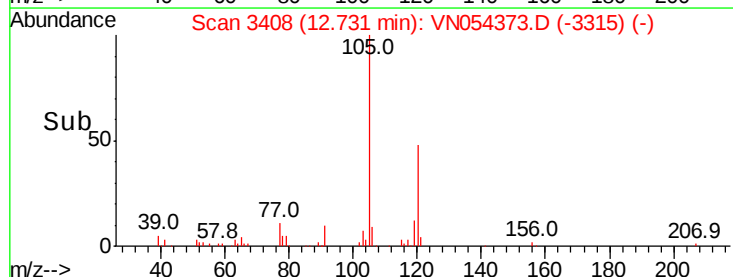
105 100

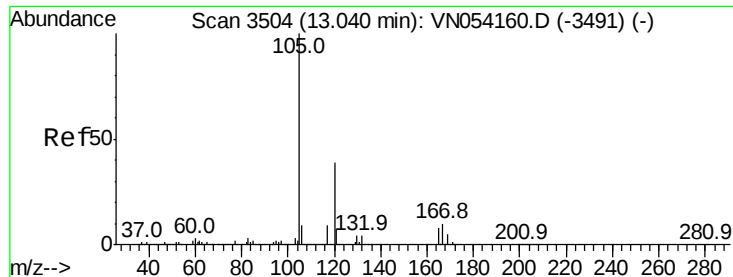
120 48.7 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 4.288 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

Instrument :

MSVOA_N

ClientSampleId :

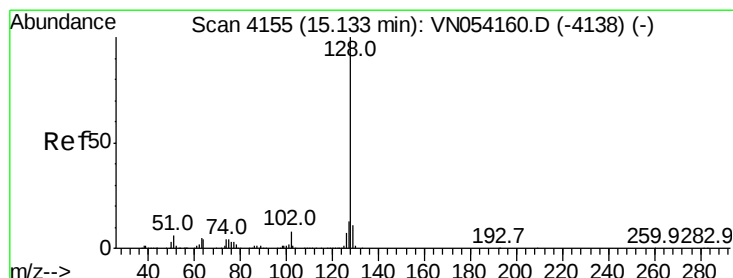
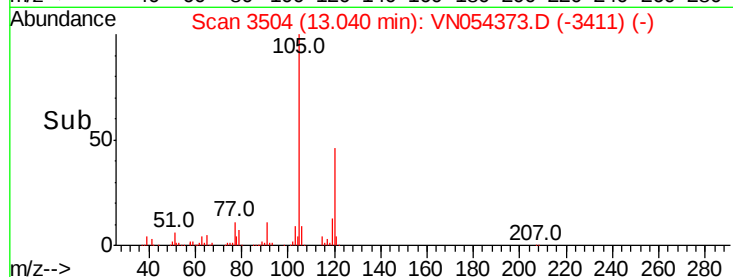
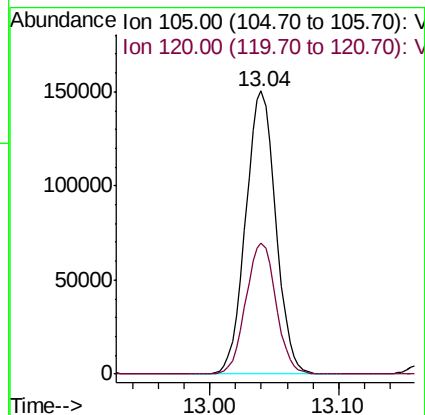
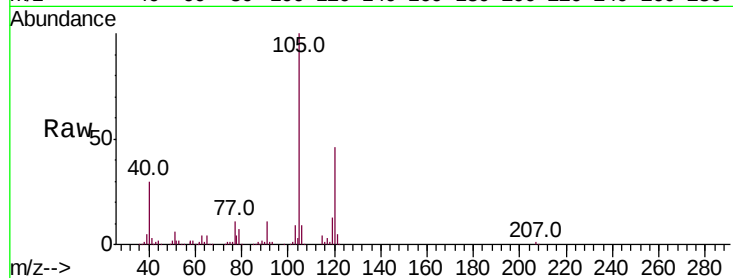
HR-05-031519-A

Tot Ion:105 Resp: 244343

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.3



#95

Naphthalene

Concen: 5.292 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN054373.D

Acq: 17 Mar 2019 8:45

Tgt Ion:128 Resp: 74964

Ion Ratio Lower Upper

128 100

127 13.2 10.1 15.1

129 11.0 8.7 13.1

