

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051319\
 Data File : VN055573.D
 Acq On : 13 May 2019 12:28
 Operator : JC/SP
 Sample : K2704-01
 Misc : 5.47g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-2(24.5)

Quant Time: May 20 05:24:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

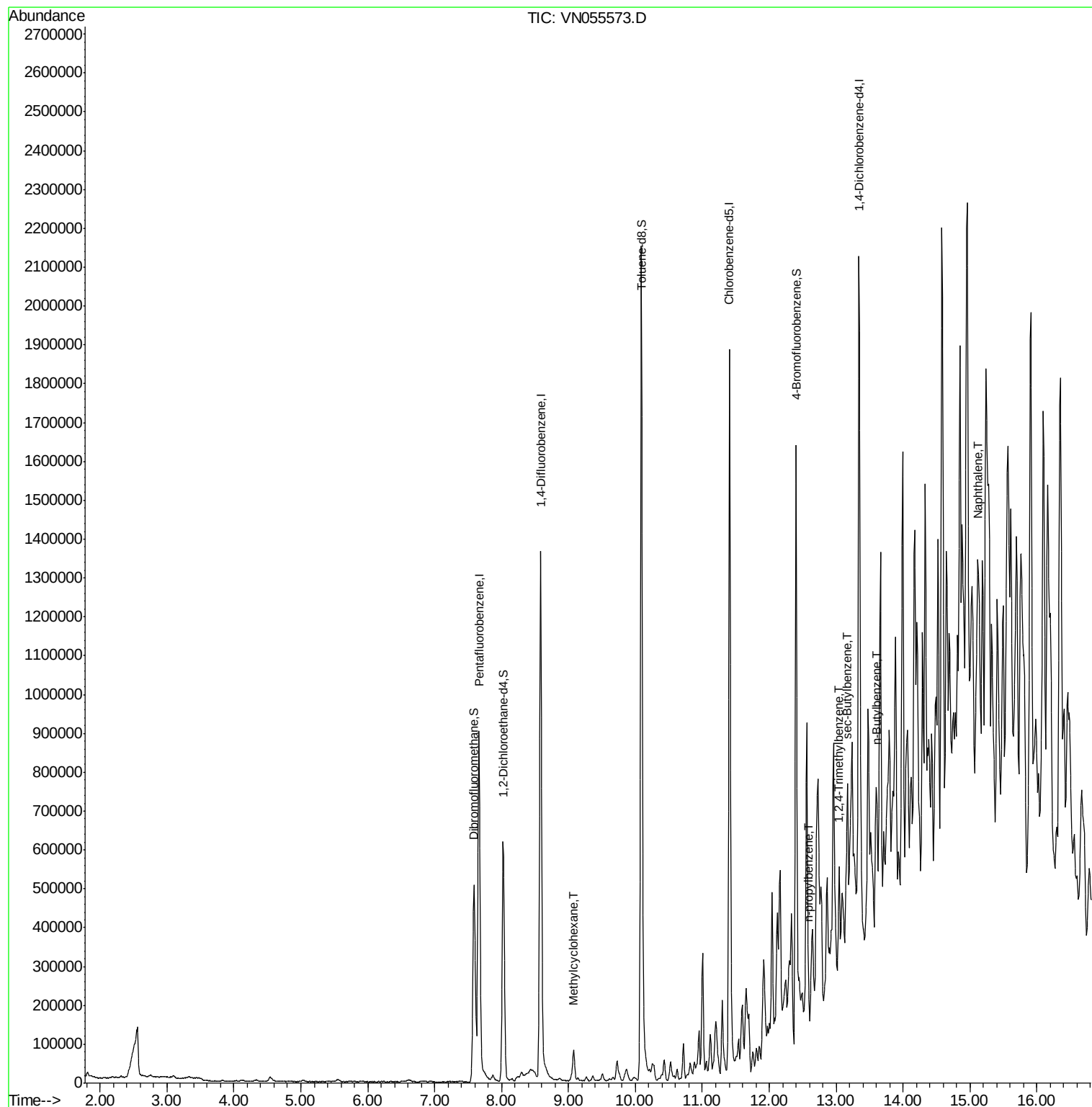
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	762971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1294314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1134546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	496794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	514209	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	
35) Dibromofluoromethane	7.59	113	399315	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	10.09	98	1594470	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	12.40	95	543797	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
Target Compounds						
39) Methylcyclohexane	9.08	83	32105	2.065	ug/l	94
78) n-propylbenzene	12.59	91	60091	1.128	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	43848	1.203	ug/l	97
85) sec-Butylbenzene	13.17	105	181963	4.020	ug/l	87
89) n-Butylbenzene	13.61	91	120669	4.226	ug/l #	83
95) Naphthalene	15.13	128	201261	12.083	ug/l #	84

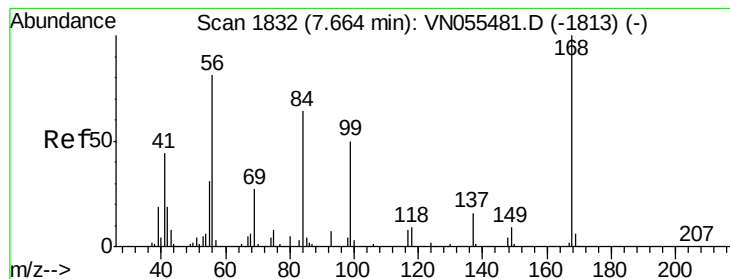
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SB-2(24.5)

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Quant Title : SW846 8260
QLast Update : Fri May 10 06:48:32 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

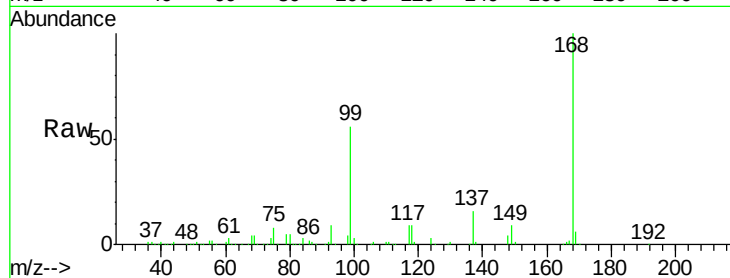
SB-2(24.5)

Tot Ion:168 Resp: 762971

Ion Ratio Lower Upper

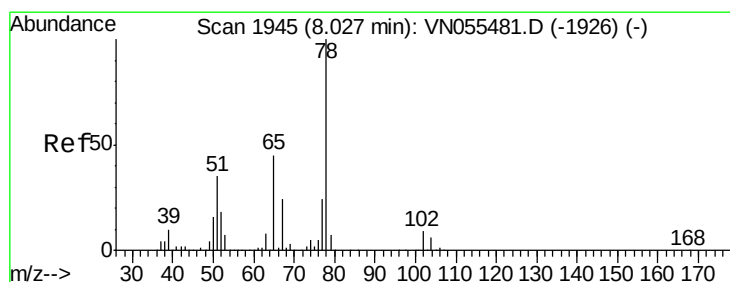
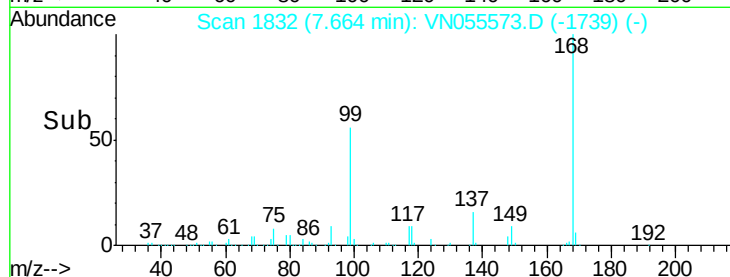
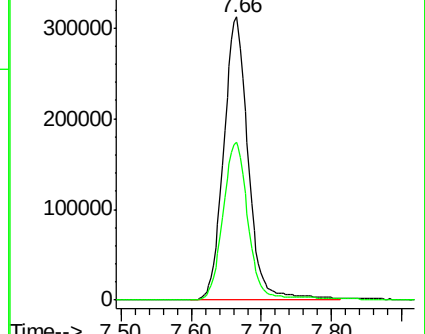
168 100

99 56.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 44.761 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN055573.D

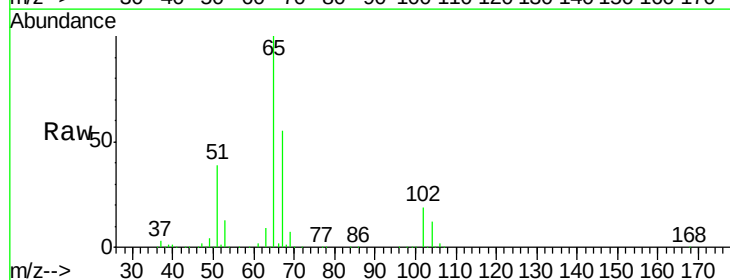
Acq: 13 May 2019 12:28

Tgt Ion: 65 Resp: 514209

Ion Ratio Lower Upper

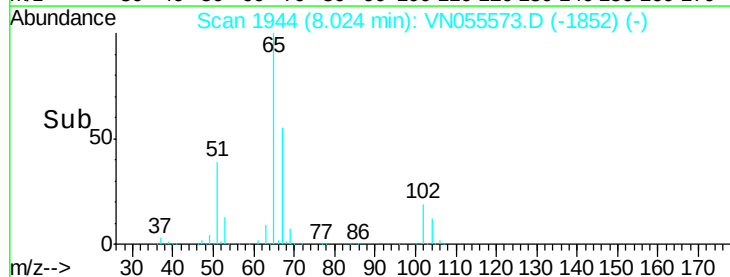
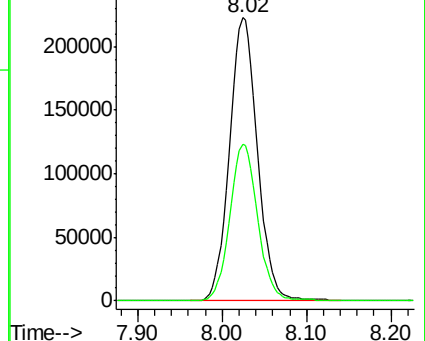
65 100

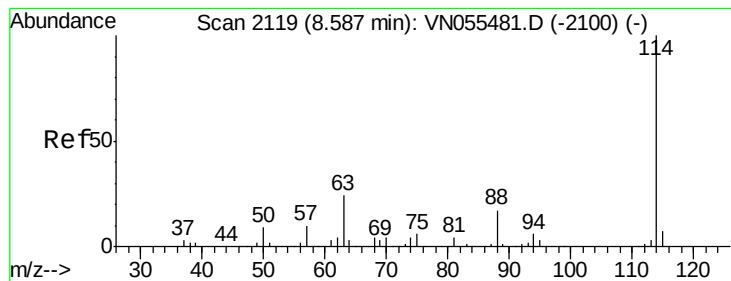
67 55.0 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

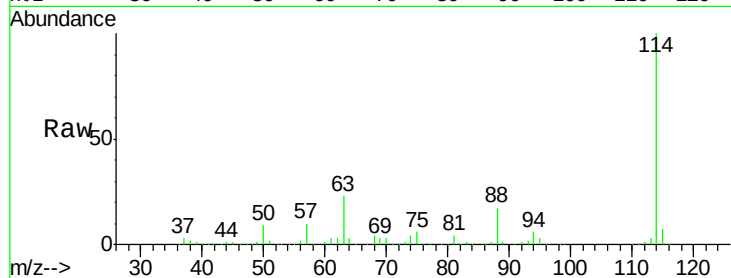
Tot Ion:114 Resp: 1294314

Ion Ratio Lower Upper

114 100

63 22.6 0.0 47.4

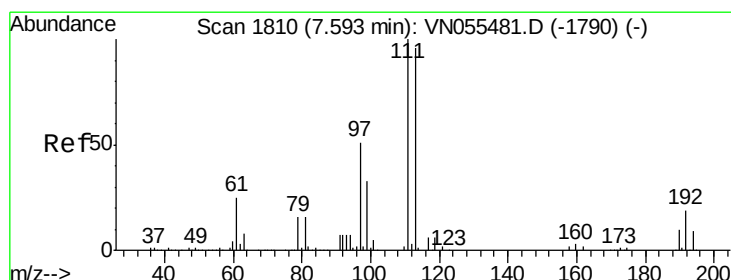
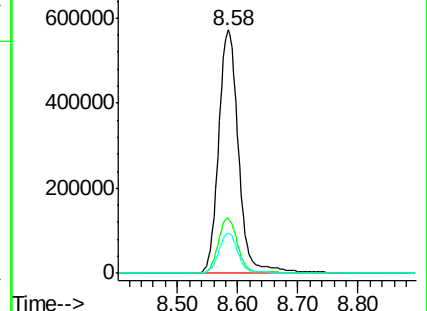
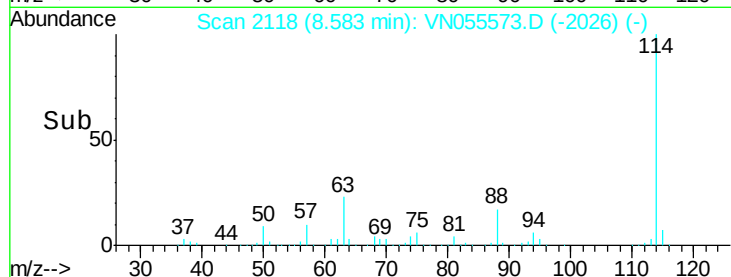
88 16.5 0.0 34.0



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: 47.826 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

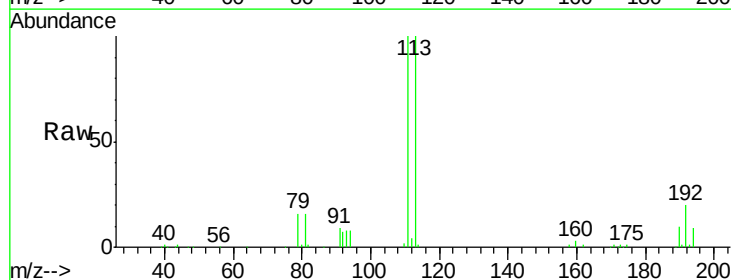
Tgt Ion:113 Resp: 399315

Ion Ratio Lower Upper

113 100

111 101.1 82.9 124.3

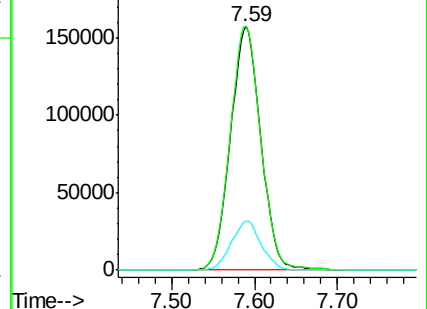
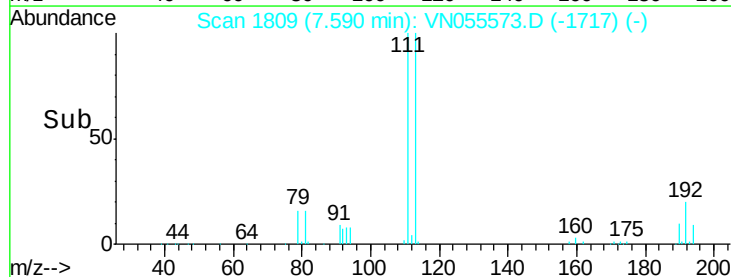
192 19.8 15.6 23.4

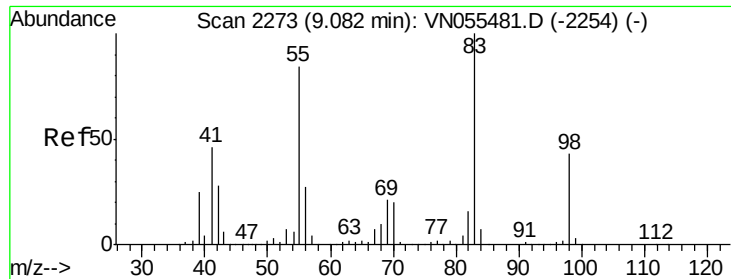


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

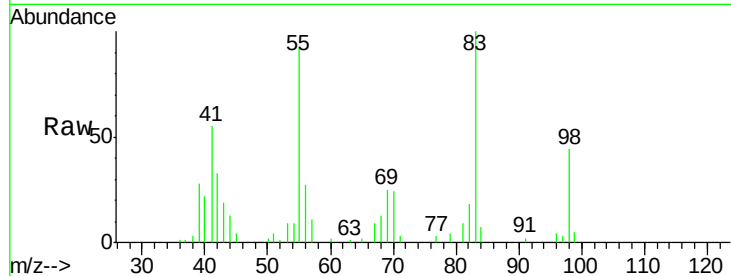




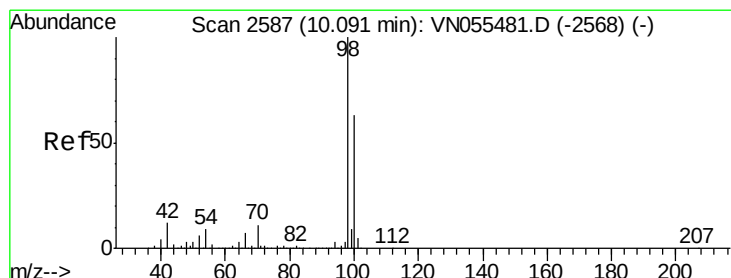
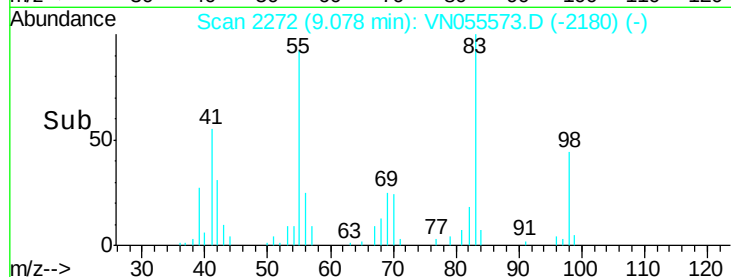
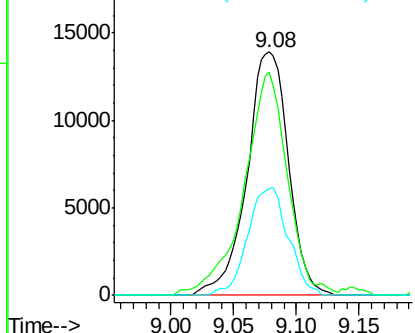
#39
Methylvlcyclohexane
Concen: 2.065 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Instrument :
MSVOA_N
ClientSampleId :
SB-2(24.5)

Tot Ion: 83 Resp: 32105
Ion Ratio Lower Upper
83 100
55 90.5 67.0 100.4
98 43.9 34.2 51.4

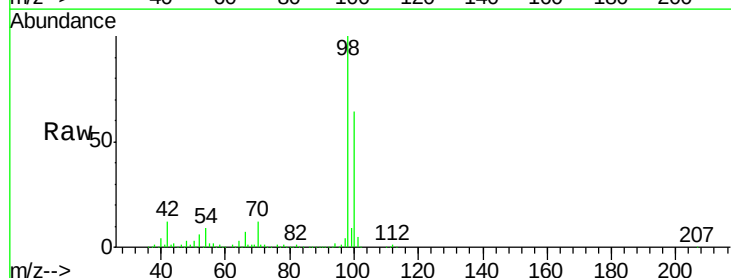


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

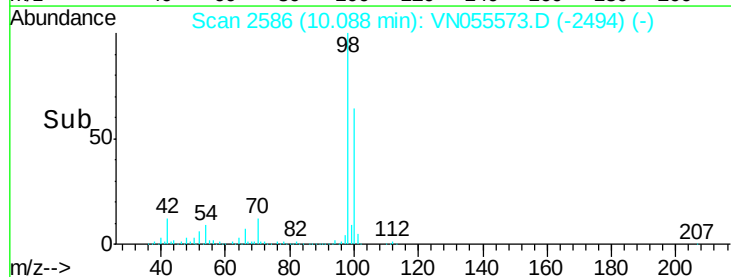
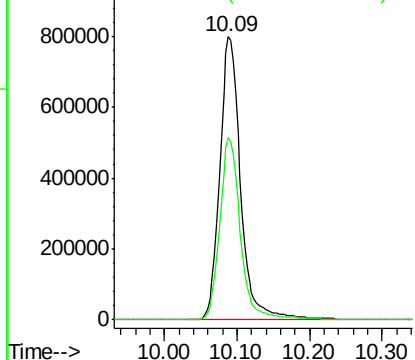


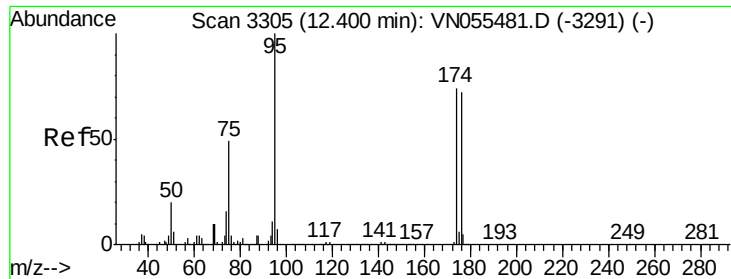
#50
Toluene-d8
Concen: 49.005 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN055573.D
Acq: 13 May 2019 12:28

Tgt Ion: 98 Resp: 1594470
Ion Ratio Lower Upper
98 100
100 63.9 50.4 75.6



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0





#62

4-Bromofluorobenzene

Concen: 49.567 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

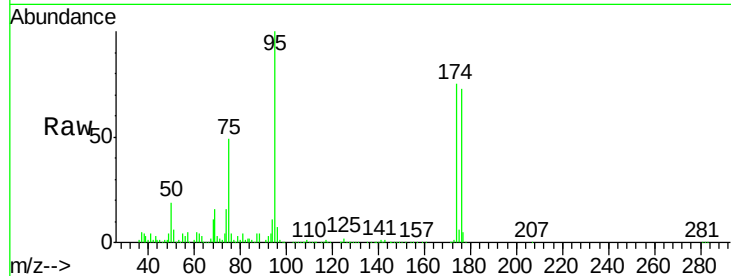
Tot Ion: 95 Resp: 543797

Ion Ratio Lower Upper

95 100

174 78.6 0.0 152.2

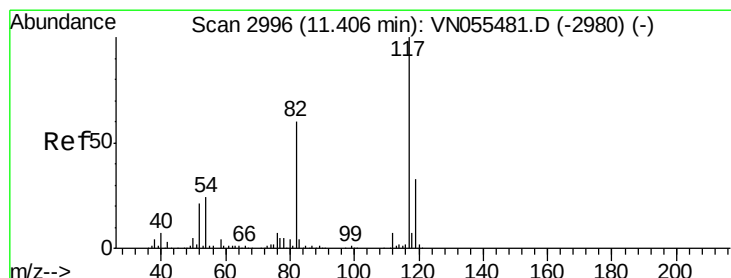
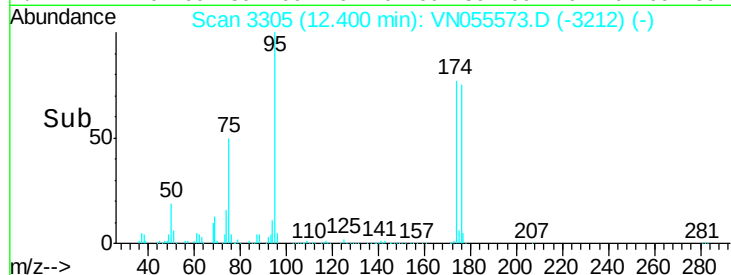
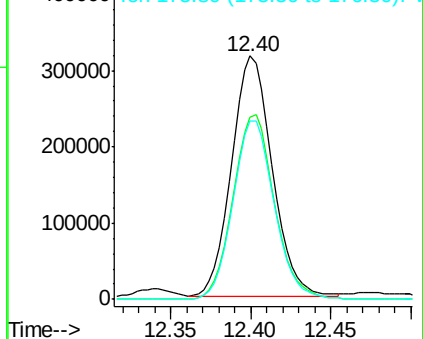
176 75.6 0.0 147.8



Abundance Ion 94.90 (94.60 to 95.60): VN055573.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN055573.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN055573.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

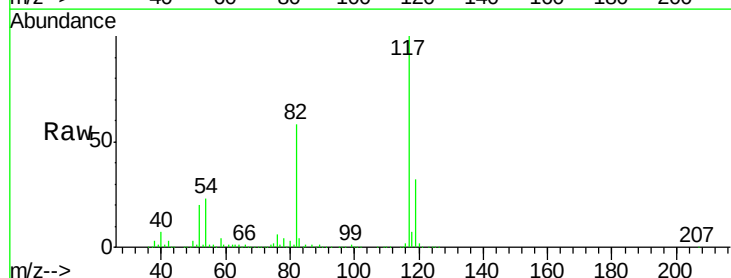
Tgt Ion: 117 Resp: 1134546

Ion Ratio Lower Upper

117 100

82 57.3 48.0 72.0

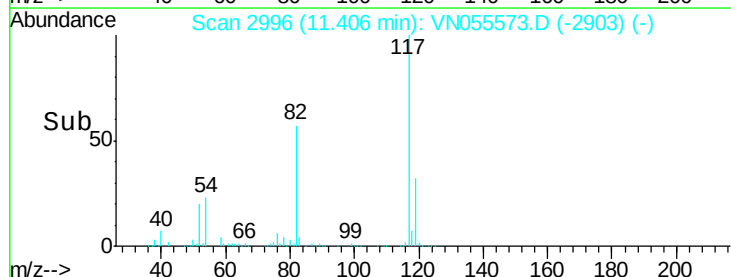
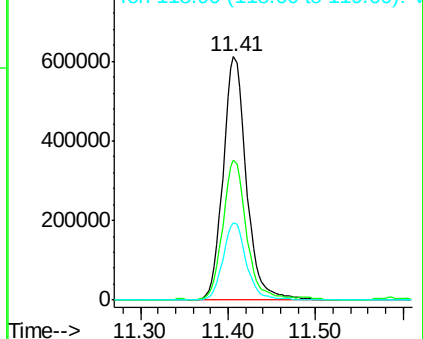
119 31.8 26.0 39.0

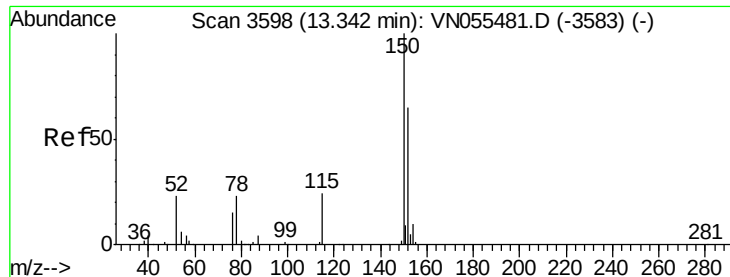


Abundance Ion 116.90 (116.60 to 117.60): VN055573.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN055573.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN055573.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: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

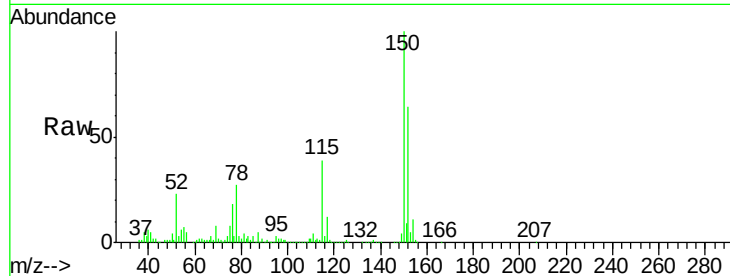
Tot Ion:152 Resp: 496794

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.5

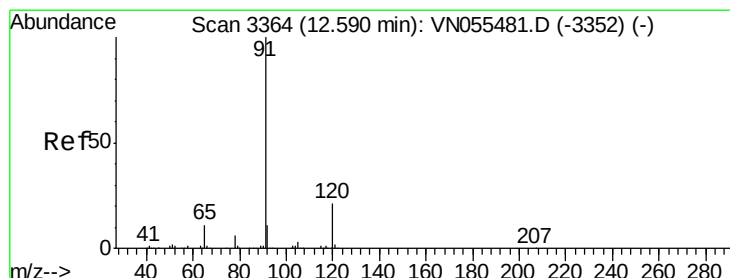
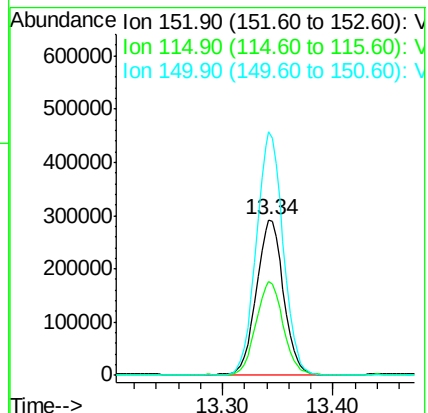
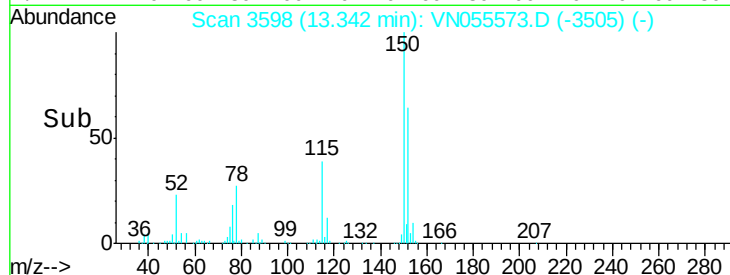
150 154.3 0.0 355.0



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



#78

n-propylbenzene

Concen: 1.128 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055573.D

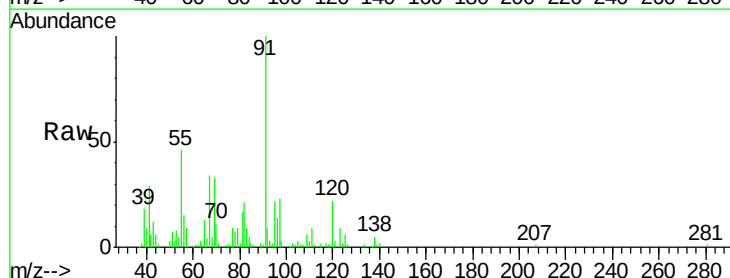
Acq: 13 May 2019 12:28

Tgt Ion: 91 Resp: 60091

Ion Ratio Lower Upper

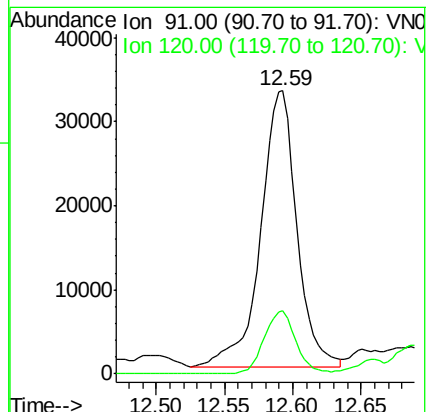
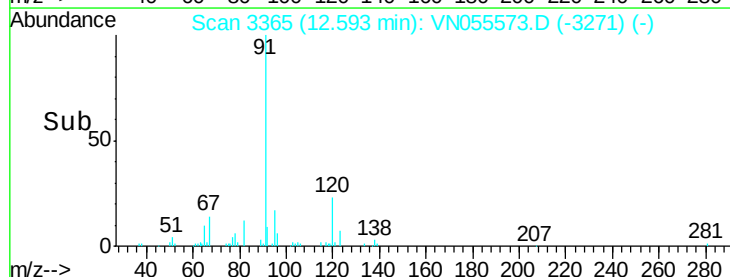
91 100

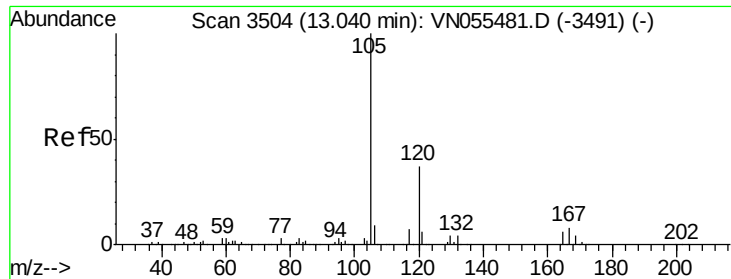
120 20.1 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#84

1,2,4-Trimethylbenzene

Concen: 1.203 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampled :

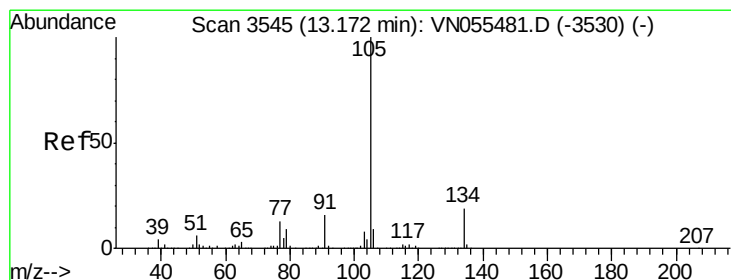
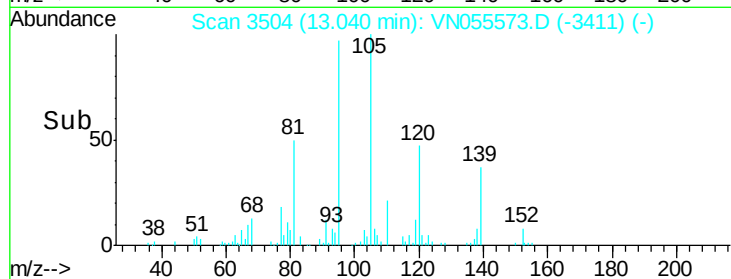
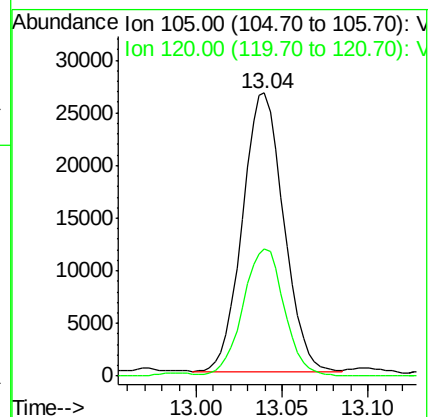
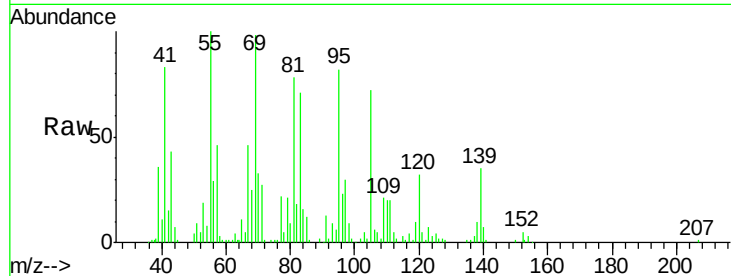
SB-2(24.5)

Tot Ion:105 Resp: 43848

Ion Ratio Lower Upper

105 100

120 46.1 22.1 66.5



#85

sec-Butylbenzene

Concen: 4.020 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN055573.D

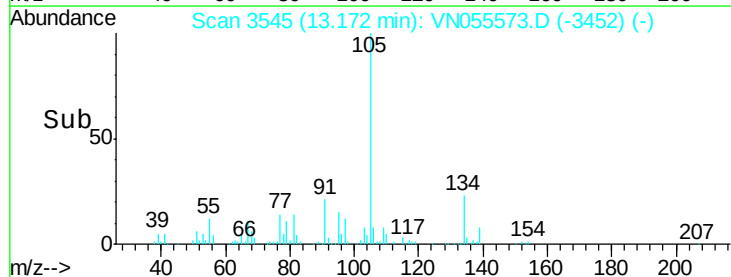
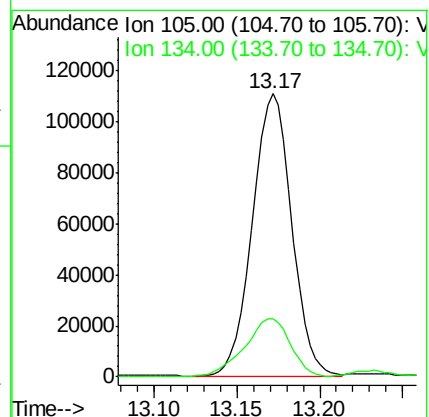
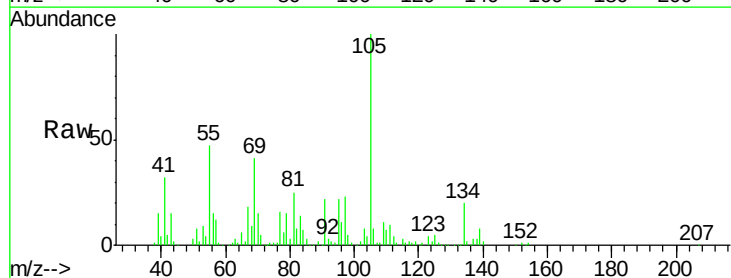
Acq: 13 May 2019 12:28

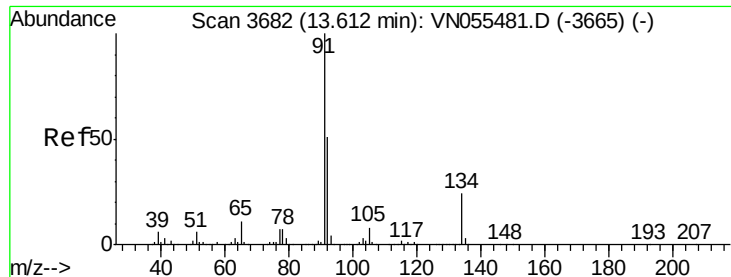
Tgt Ion:105 Resp: 181963

Ion Ratio Lower Upper

105 100

134 24.4 9.3 28.0





#89

n-Butylbenzene

Concen: 4.226 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Instrument :

MSVOA_N

ClientSampleId :

SB-2(24.5)

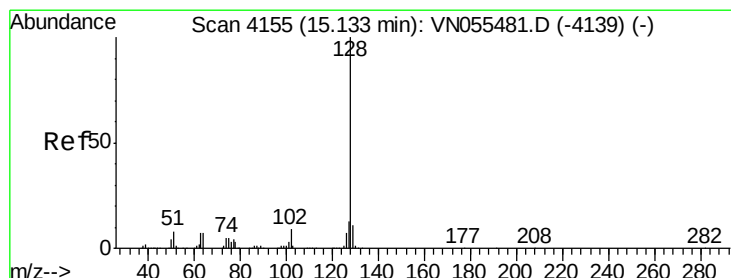
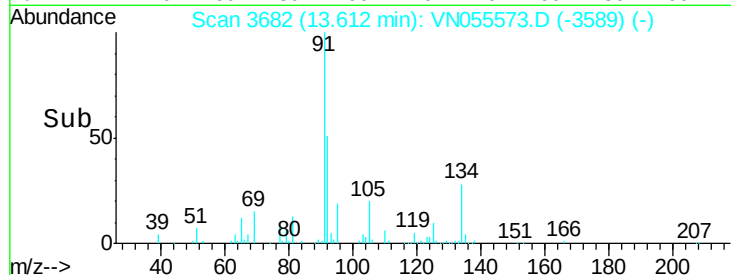
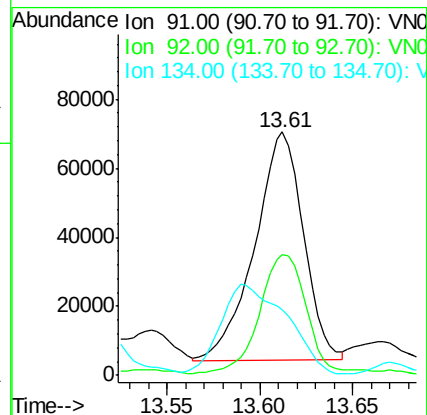
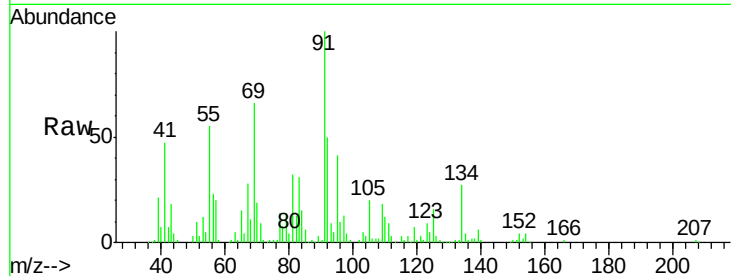
Tot Ion: 91 Resp: 120669

Ion Ratio Lower Upper

91 100

92 49.5 25.9 77.7

134 0.0 11.8 35.4#



#95

Naphthalene

Concen: 12.083 ug/l

RT: 15.13 min Scan# 4154

Delta R.T. -0.00 min

Lab File: VN055573.D

Acq: 13 May 2019 12:28

Tgt Ion: 128 Resp: 201261

Ion Ratio Lower Upper

128 100

127 14.4 10.0 15.0

129 0.0 8.8 13.2#

