

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052019\
 Data File : VN055663.D
 Acq On : 20 May 2019 10:49
 Operator : JC/SP
 Sample : K2854-01ME
 Misc : 5.93g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 6 Sample Multiplier: 1

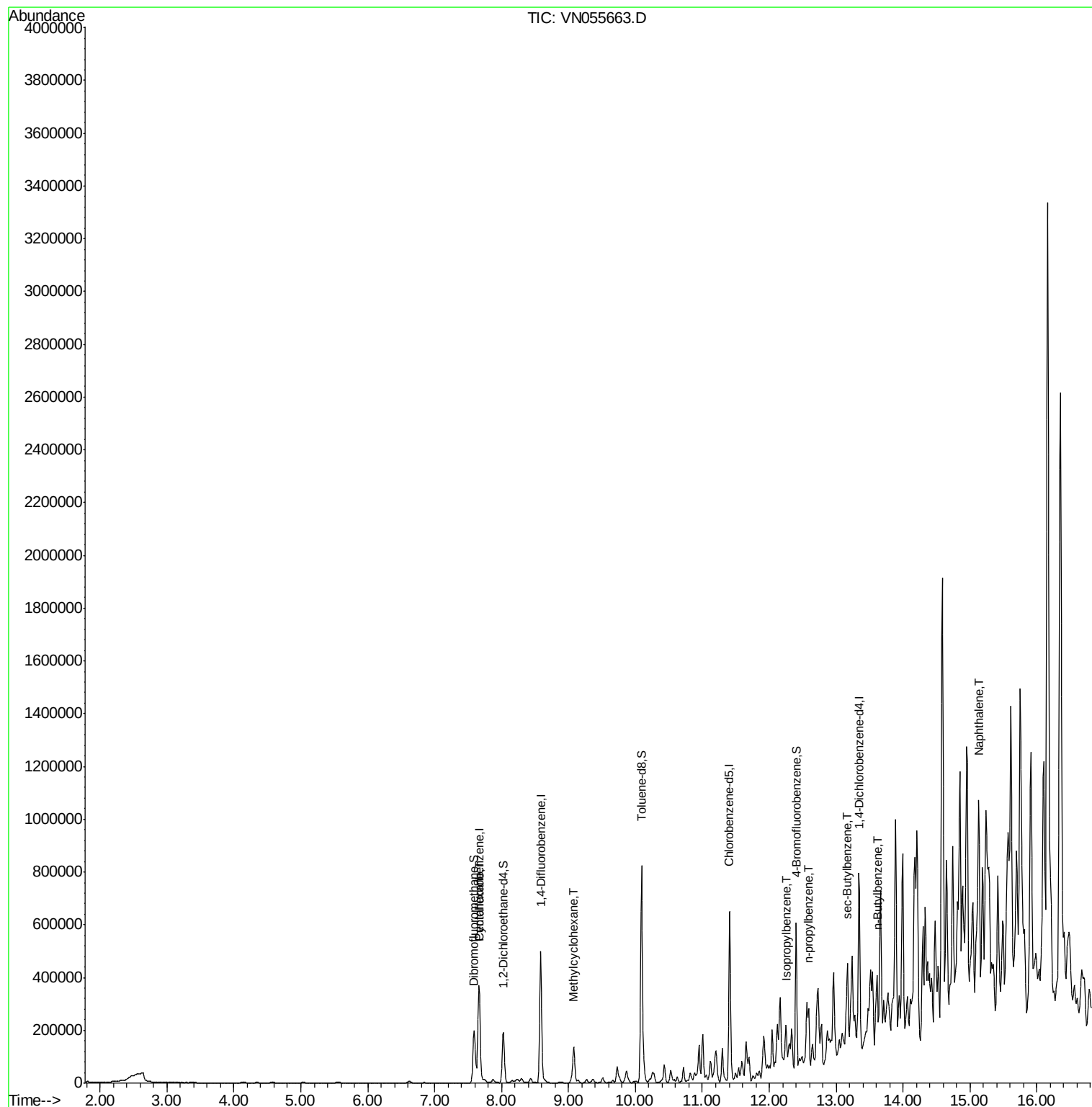
Quant Time: May 20 13:19:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

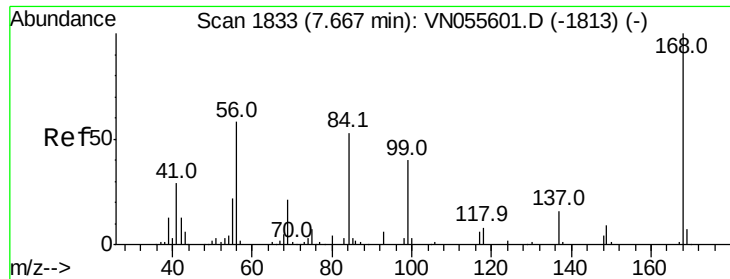
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	348456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	503991	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	419236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	197229	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	163139	42.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.42%	
35) Dibromofluoromethane	7.59	113	151083	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
50) Toluene-d8	10.09	98	578755	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
62) 4-Bromofluorobenzene	12.40	95	190061	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
Target Compounds						
31) Cyclohexane	7.65	56	16839	2.972	ug/l #	60
39) Methylcyclohexane	9.08	83	68360	12.620	ug/l	98
73) Isopropylbenzene	12.25	105	99351	5.010	ug/l	100
78) n-propylbenzene	12.59	91	192172	10.972	ug/l	99
85) sec-Butylbenzene	13.17	105	187428	12.616	ug/l	83
89) n-Butylbenzene	13.61	91	150834	13.937	ug/l	89
95) Naphthalene	15.13	128	657907	63.649	ug/l	99

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

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
Quant Title : SW846 8260
QLast Update : Fri May 17 23:54:12 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: VN055663.D

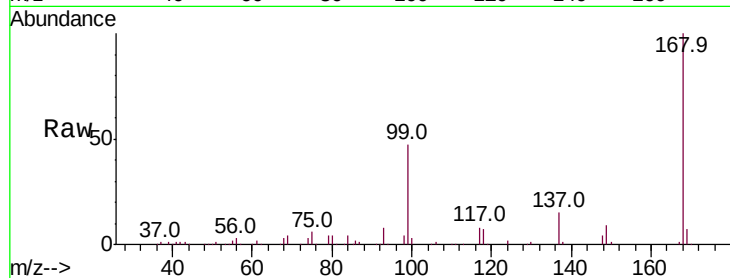
Acq: 20 May 2019 10:49

Tot Ion:168 Resp: 348456

Ion Ratio Lower Upper

168 100

99 47.4 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

150000

100000

50000

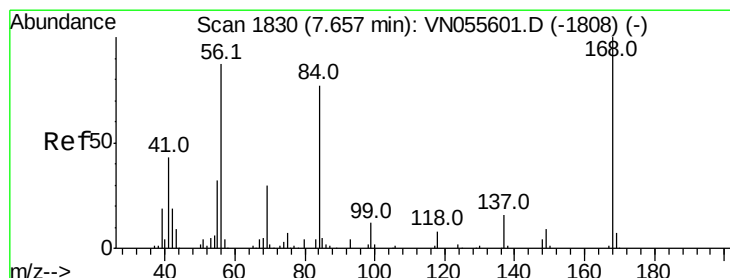
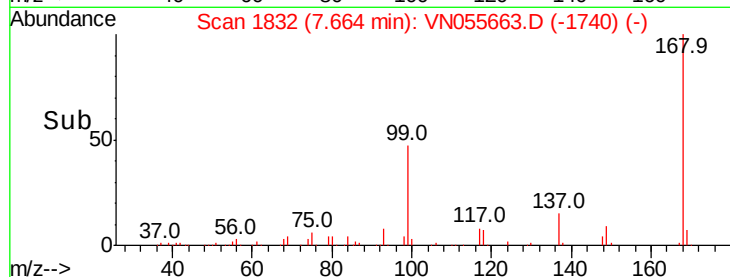
0

Time-->

7.60

7.70

7.80



#31

Cyclohexane

Concen: 2.972 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN055663.D

Acq: 20 May 2019 10:49

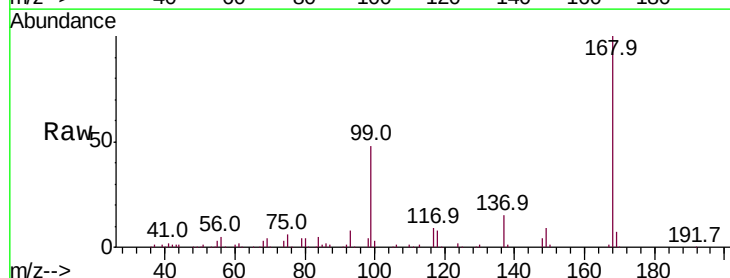
Tgt Ion: 56 Resp: 16839

Ion Ratio Lower Upper

56 100

69 81.6 27.2 40.8#

84 111.3 71.3 106.9#



Abundance Ion 56.00 (55.70 to 56.70): VN

Ion 69.00 (68.70 to 69.70): VN

Ion 84.00 (83.70 to 84.70): VN

8000

6000

4000

2000

0

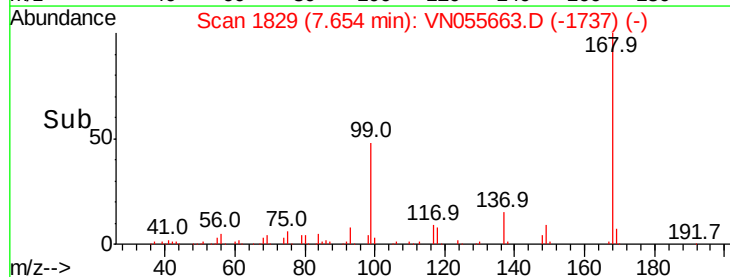
Time-->

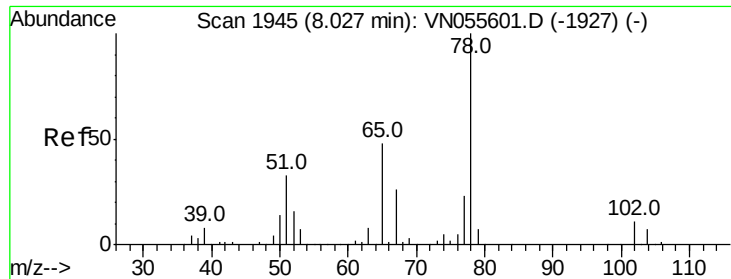
7.55

7.60

7.65

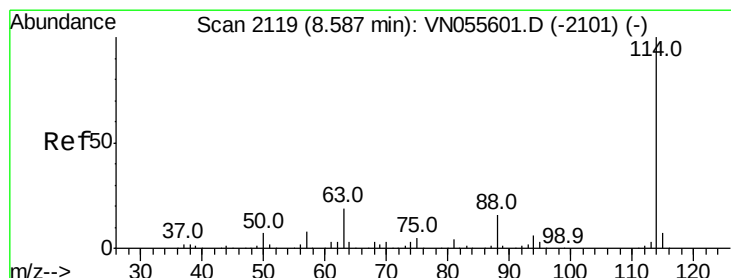
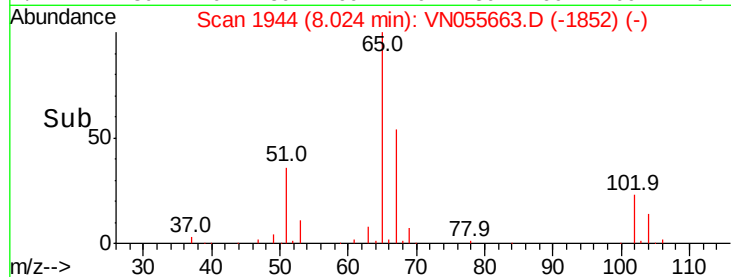
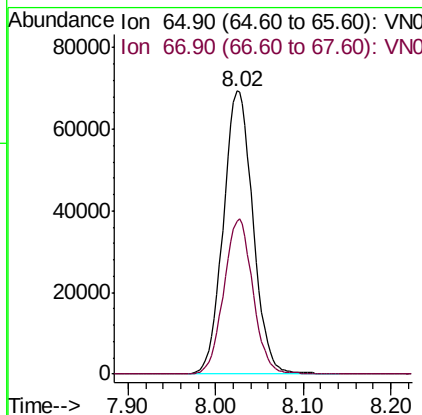
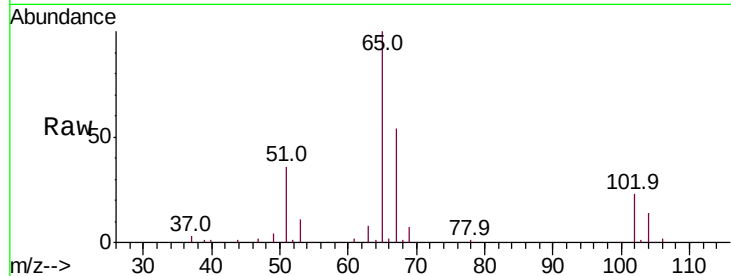
7.70





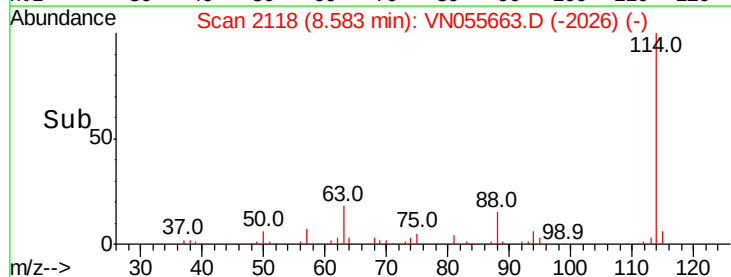
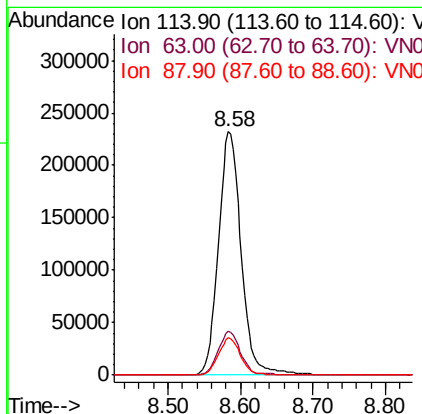
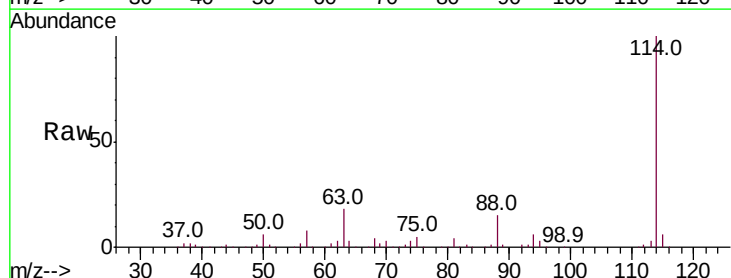
#33
 1,2-Dichloroethane-d4
 Concen: 42.709 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN055663.D
 Acq: 20 May 2019 10:49

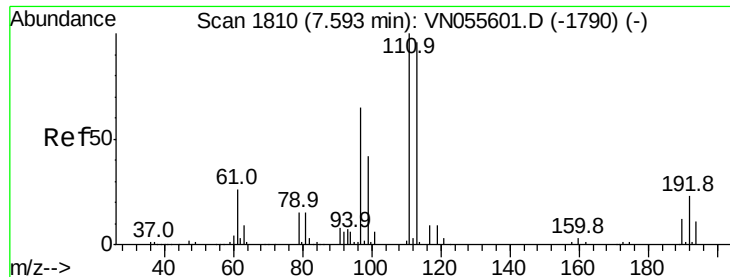
Tot Ion: 65 Resp: 163139
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 108.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055663.D
 Acq: 20 May 2019 10:49

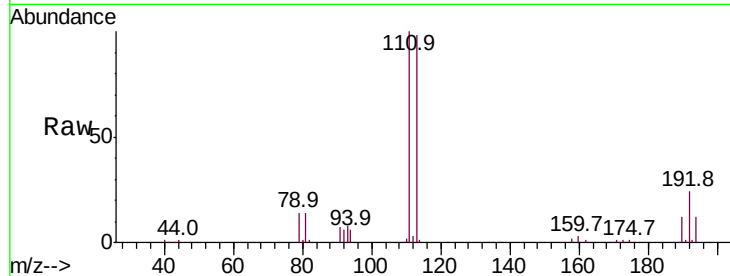
Tgt Ion: 114 Resp: 503991
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 38.2
 88 15.3 0.0 31.0



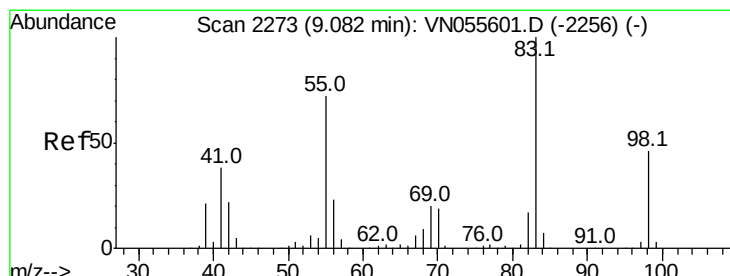
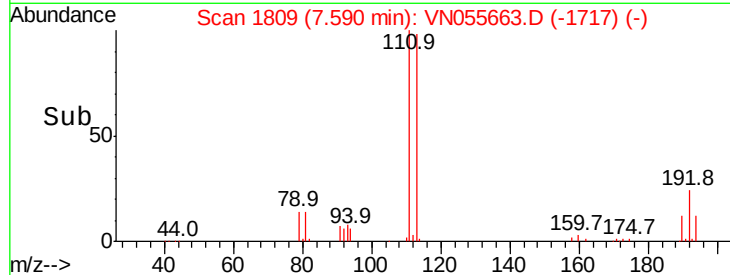
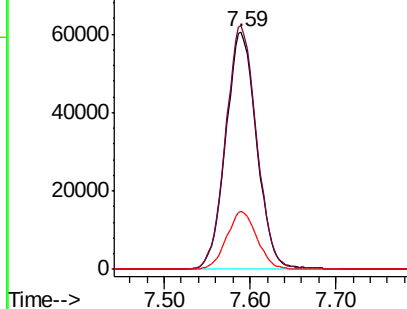


#35
 Dibromofluoromethane
 Concen: 47.190 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055663.D
 Acq: 20 May 2019 10:49

Tot Ion:113 Resp: 151083
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.5 123.7
 192 24.0 18.7 28.1

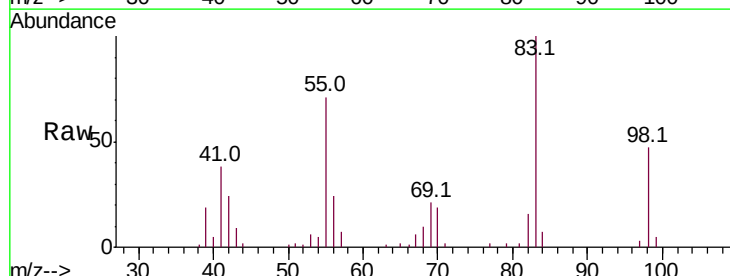


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

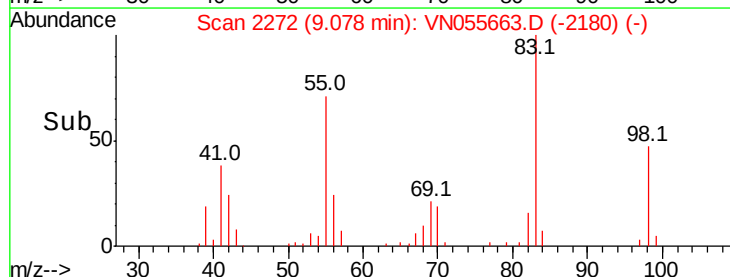
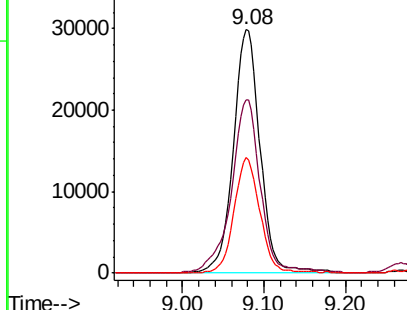


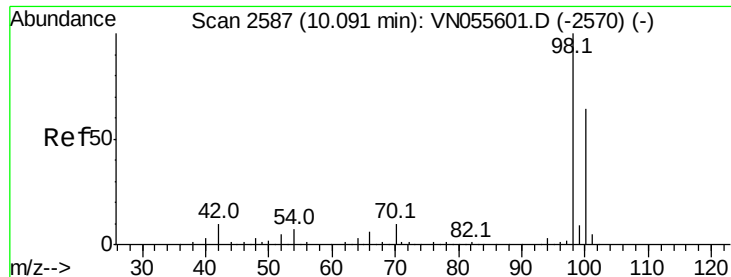
#39
 Methylcyclohexane
 Concen: 12.620 ug/l
 RT: 9.08 min Scan# 2272
 Delta R.T. -0.00 min
 Lab File: VN055663.D
 Acq: 20 May 2019 10:49

Tgt Ion: 83 Resp: 68360
 Ion Ratio Lower Upper
 83 100
 55 70.5 57.8 86.6
 98 47.4 36.7 55.1



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





#50

Toluene-d8

Concen: 47.809 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055663.D

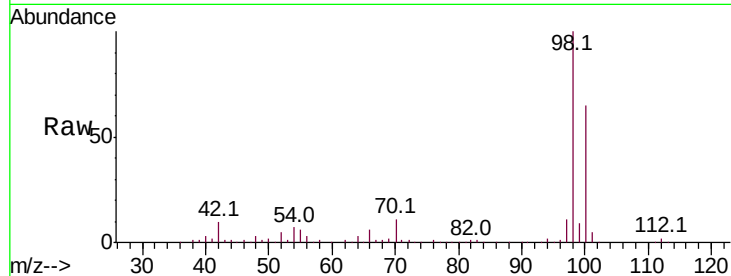
Acq: 20 May 2019 10:49

Tot Ion: 98 Resp: 578755

Ion Ratio Lower Upper

98 100

100 64.2 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN055601.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN055601.D (-2570) (-)

10.09

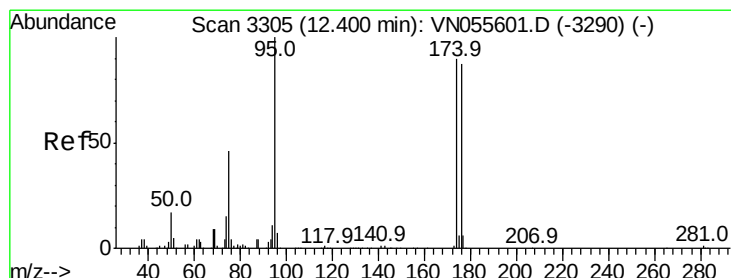
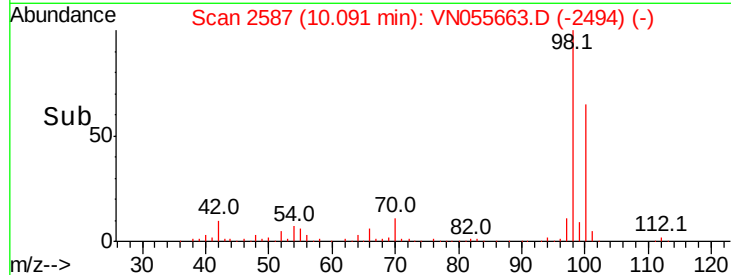
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.467 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055663.D

Acq: 20 May 2019 10:49

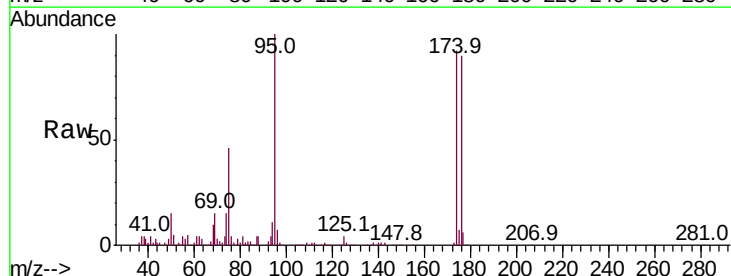
Tgt Ion: 95 Resp: 190061

Ion Ratio Lower Upper

95 100

174 93.6 0.0 180.6

176 91.3 0.0 177.4



Abundance Ion 94.90 (94.60 to 95.60): VN055601.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN055601.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN055601.D (-3290) (-)

12.40

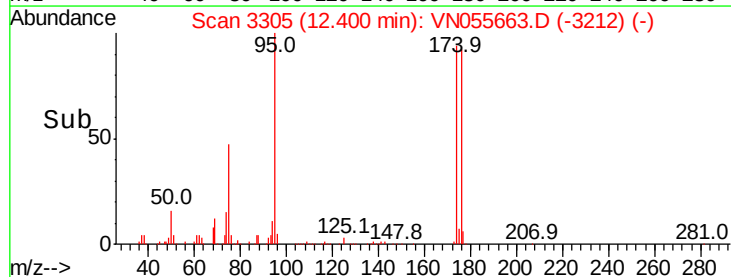
150000

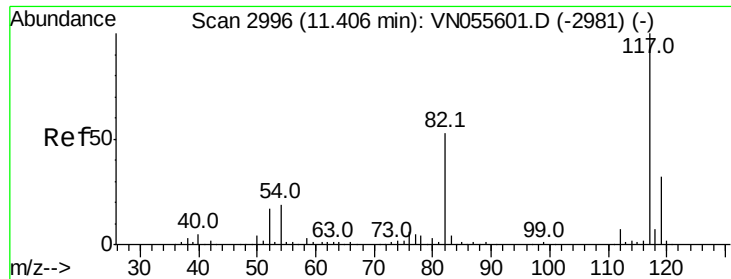
100000

50000

0

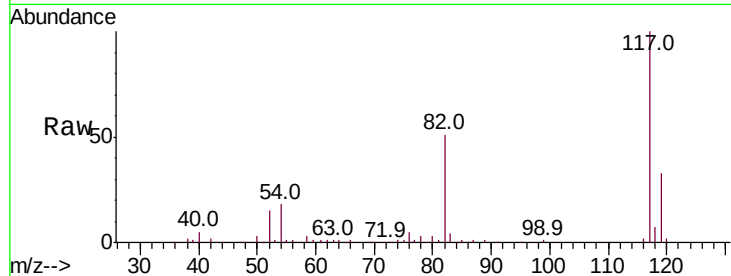
Time-->



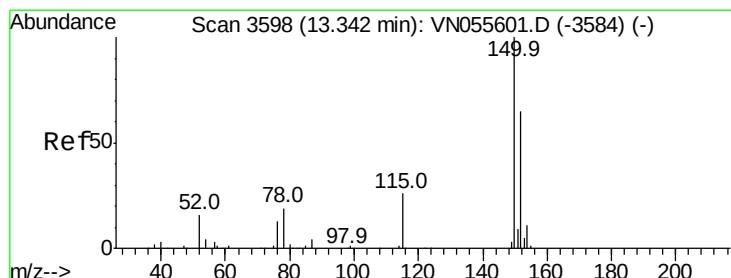
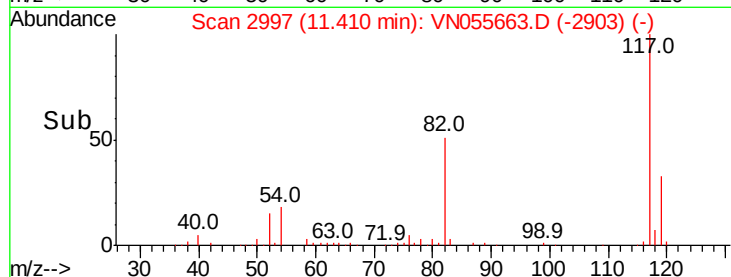
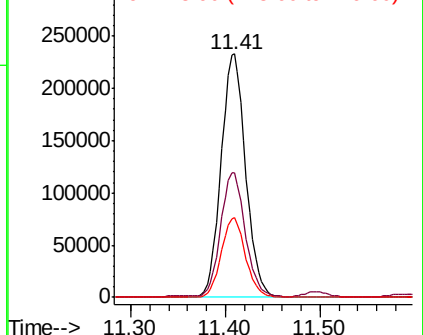


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055663.D
Acq: 20 May 2019 10:49

Tot Ion:117 Resp: 419236
Ion Ratio Lower Upper
117 100
82 50.5 42.3 63.5
119 32.6 25.4 38.2

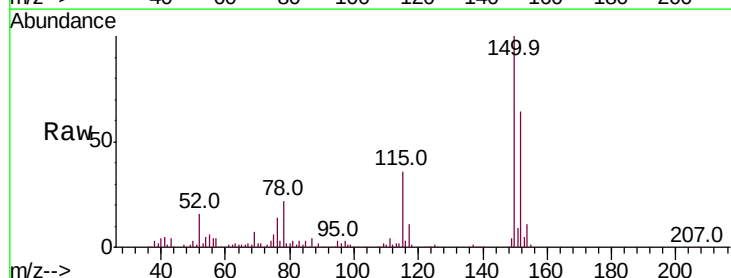


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

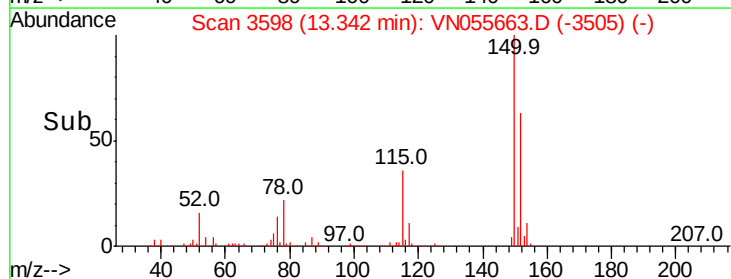
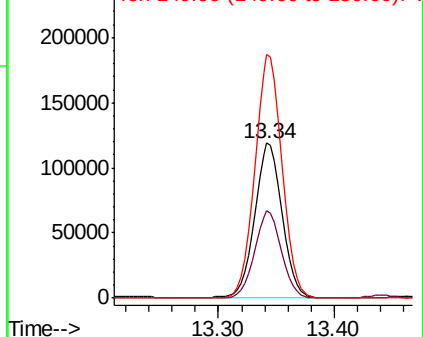


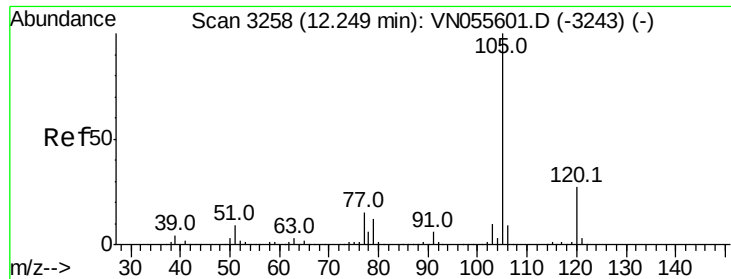
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055663.D
Acq: 20 May 2019 10:49

Tgt Ion:152 Resp: 197229
Ion Ratio Lower Upper
152 100
115 54.7 28.1 84.2
150 154.3 0.0 348.0



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





#73

Isopropylbenzene

Concen: 5.010 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN055663.D

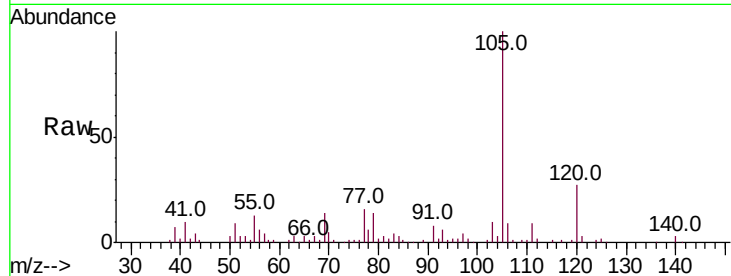
Acq: 20 May 2019 10:49

Tot Ion:105 Resp: 99351

Ion Ratio Lower Upper

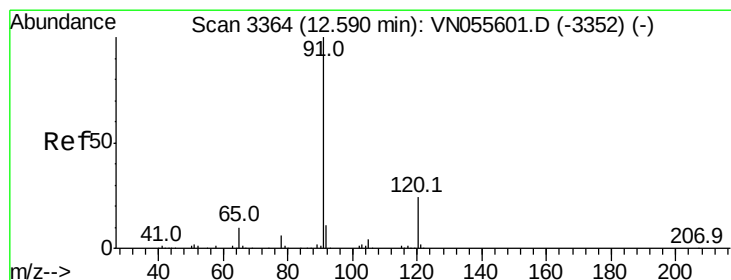
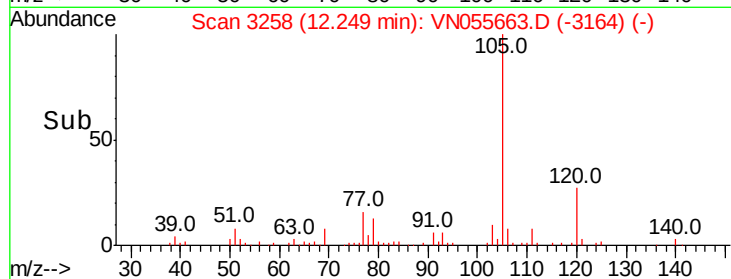
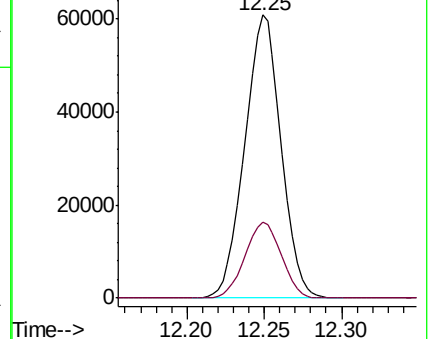
105 100

120 26.8 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 10.972 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN055663.D

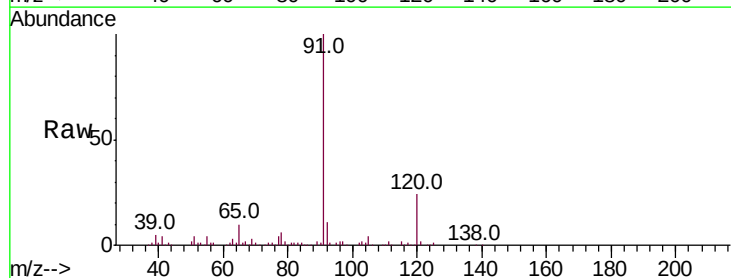
Acq: 20 May 2019 10:49

Tgt Ion: 91 Resp: 192172

Ion Ratio Lower Upper

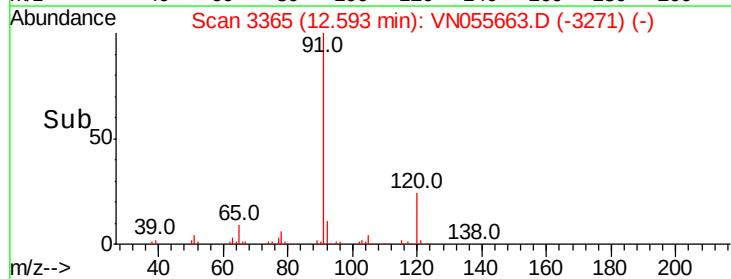
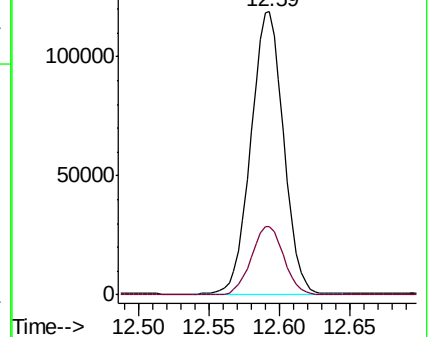
91 100

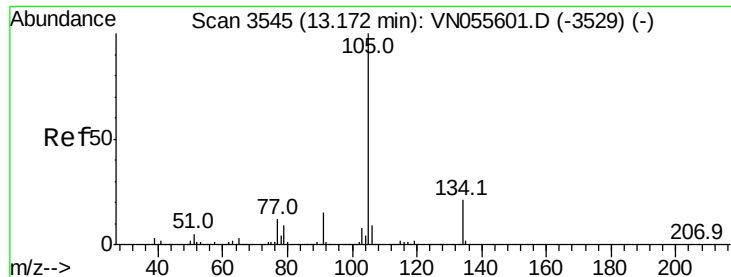
120 24.2 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 12.616 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055663.D

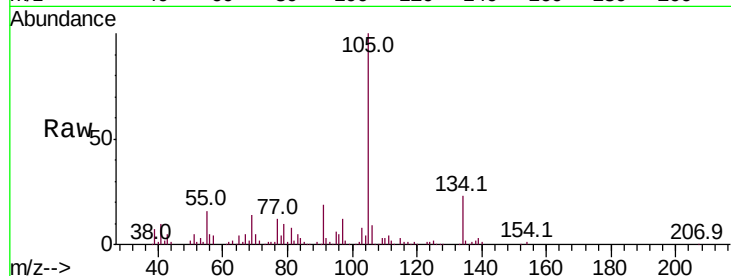
Acq: 20 May 2019 10:49

Tot Ion: 105 Resp: 187428

Ion Ratio Lower Upper

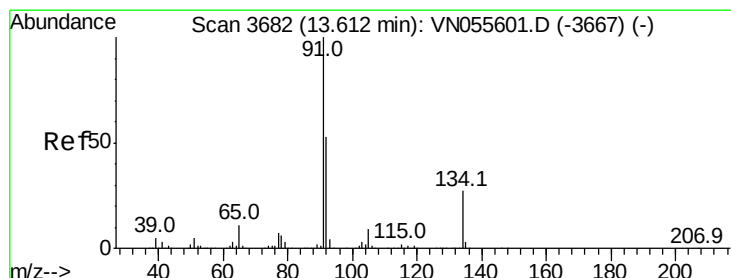
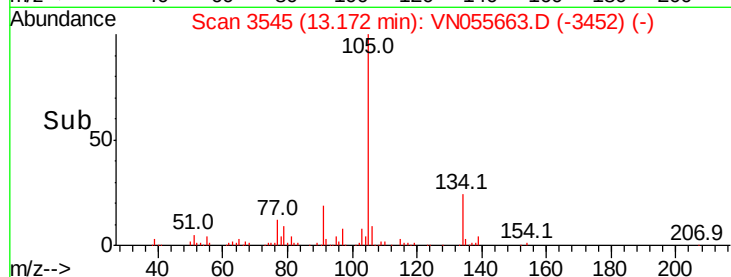
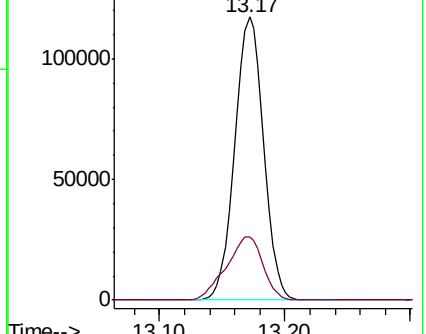
105 100

134 28.4 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 13.937 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN055663.D

Acq: 20 May 2019 10:49

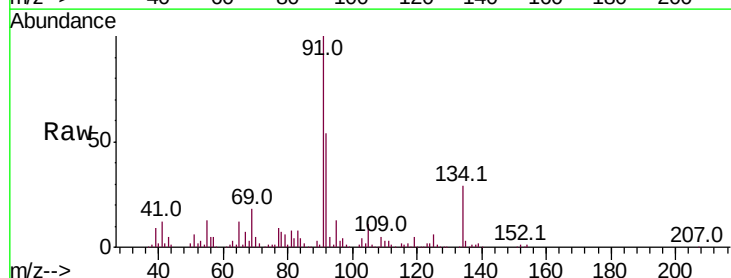
Tgt Ion: 91 Resp: 150834

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.0

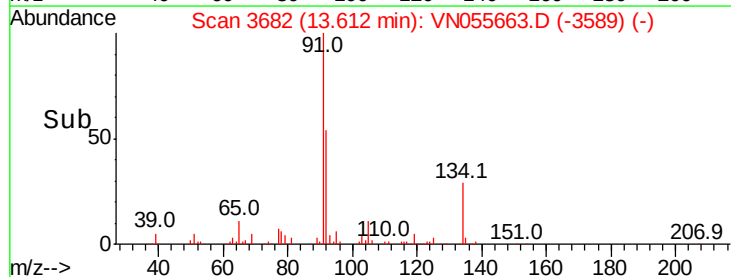
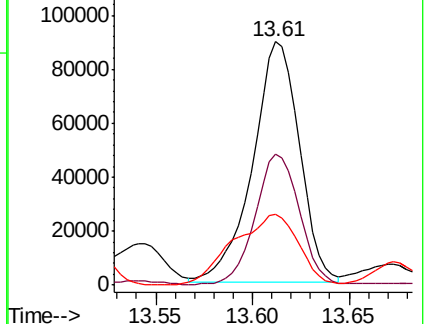
134 40.7 13.7 41.1

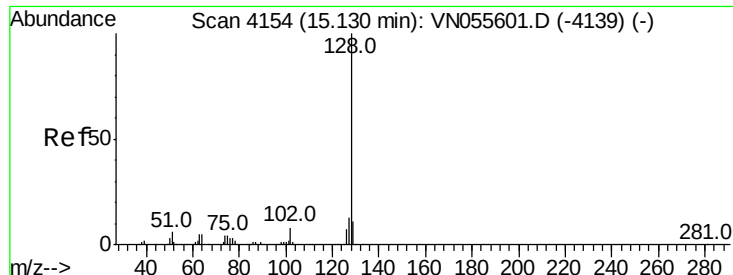


Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 92.00 (91.70 to 92.70): VNO

Ion 134.00 (133.70 to 134.70): VNO





#95

Naphthalene

Concen: 63.649 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN055663.D

Acq: 20 May 2019 10:49

Tot Ion:128 Resp: 657907

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.2 8.6 12.8

