

Data File : VN055391.D
Acq On : 3 May 2019 15:47
Operator : JC/SP
Sample : K2658-01DL 100X
Misc : 6.10g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)DL

Quant Time: May 06 06:33:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
Response via : Initial Calibration

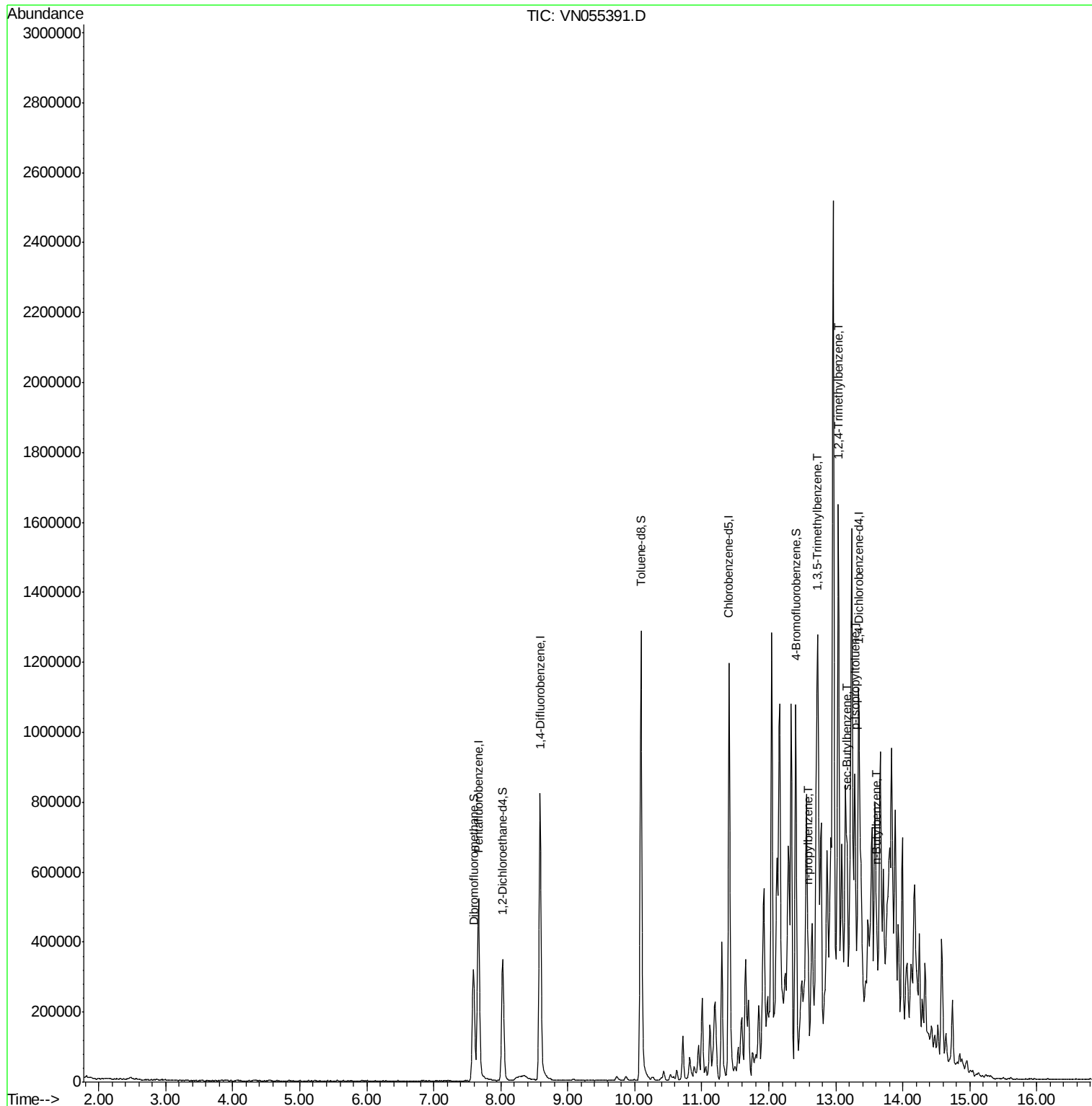
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	449220	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	766891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	695199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	245108	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	304365	51.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.58%	
35) Dibromofluoromethane	7.59	113	248609	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
50) Toluene-d8	10.09	98	943829	51.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.86%	
62) 4-Bromofluorobenzene	12.40	95	310988	54.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.50%	
Target Compounds						
78) n-propylbenzene	12.59	91	174327	6.924	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	107190	5.578	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	667187	38.823	ug/l	100
85) sec-Butylbenzene	13.17	105	132485	6.343	ug/l #	78
86) p-Isopropyltoluene	13.29	119	123835	7.214	ug/l	100
89) n-Butylbenzene	13.61	91	100389	8.230	ug/l #	79

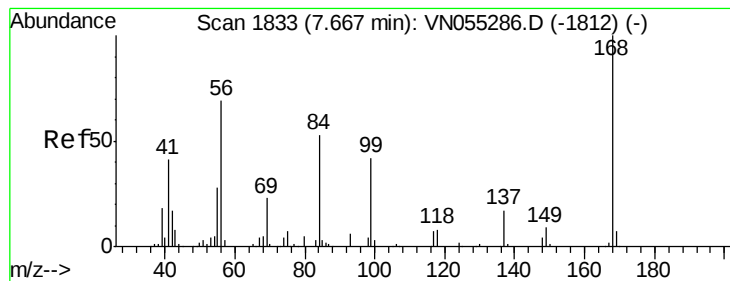
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EP1-SB-W2(14-17)DL

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN055391.D

Acq: 3 May 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

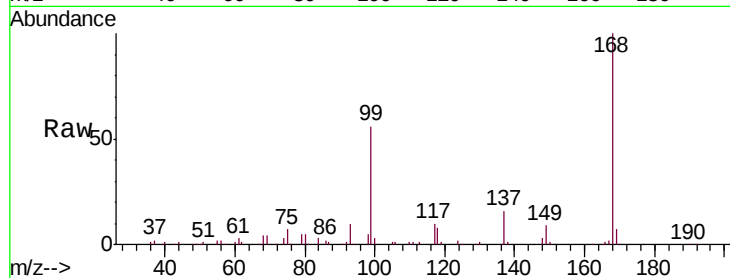
EP1-SB-W2(14-17)DL

Tgt Ion:168 Resp: 449220

Ion Ratio Lower Upper

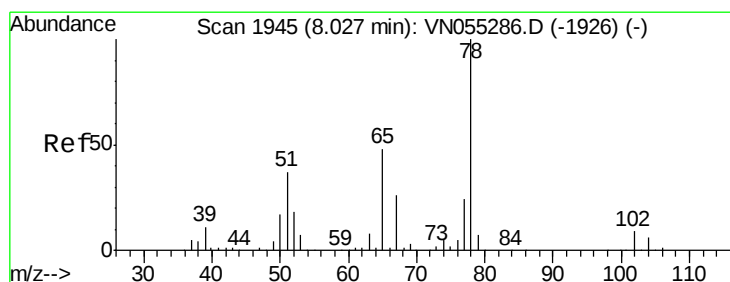
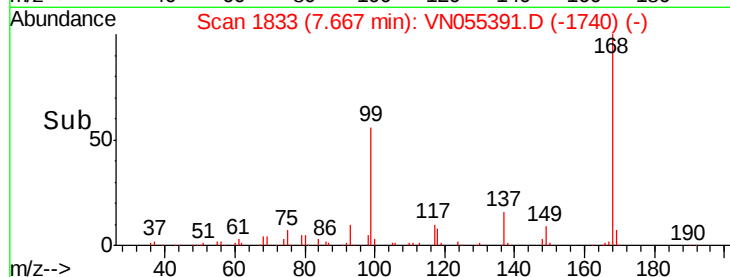
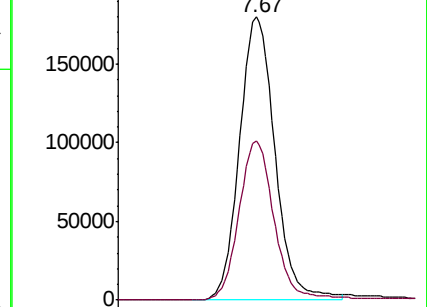
168 100

99 56.2 43.6 65.4



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: 51.791 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055391.D

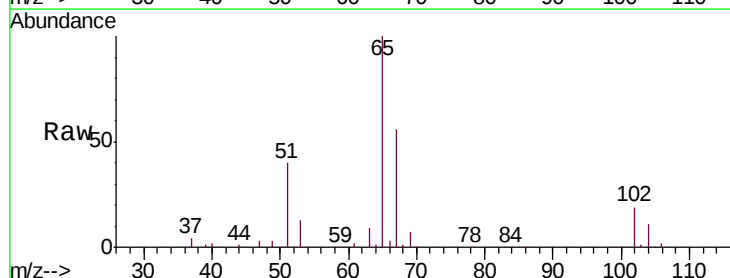
Acq: 3 May 2019 15:47

Tgt Ion: 65 Resp: 304365

Ion Ratio Lower Upper

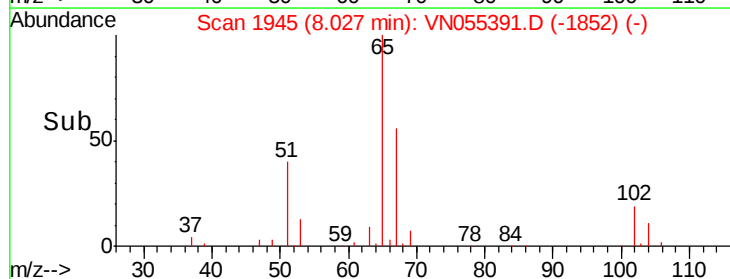
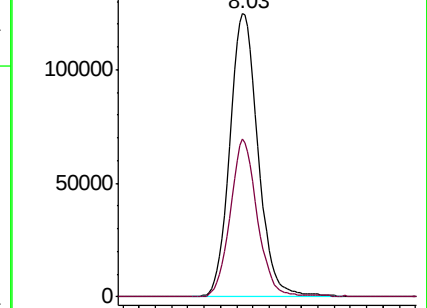
65 100

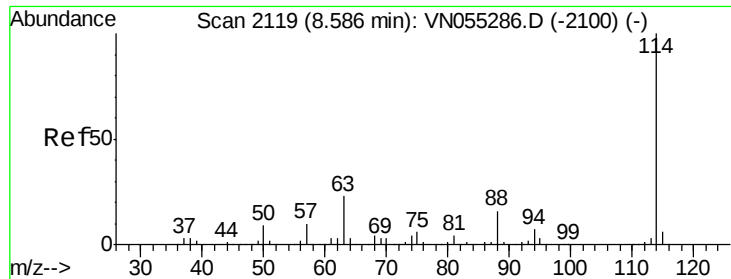
67 53.2 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): V

Ion 66.90 (66.60 to 67.60): VN

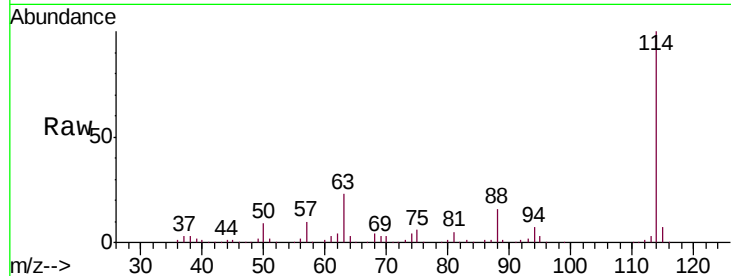




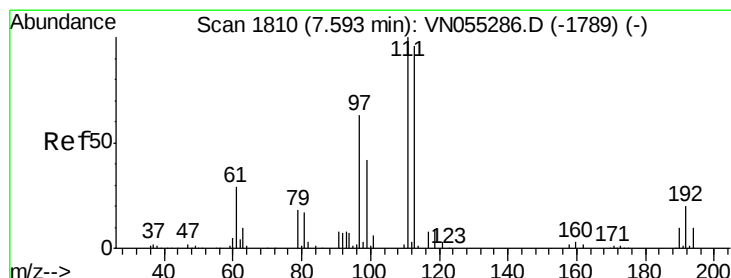
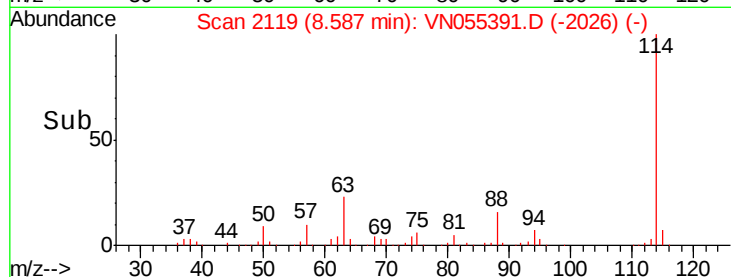
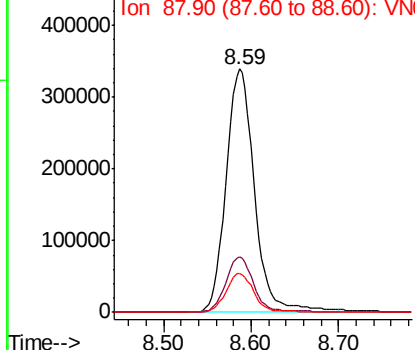
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055391.D
 Acq: 3 May 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)DL

Tgt Ion:114 Resp: 766891
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 45.2
 88 16.1 0.0 31.6

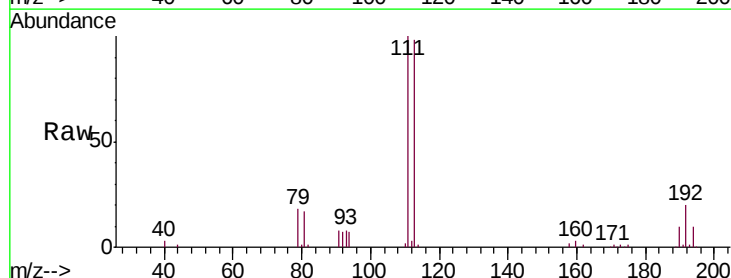


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

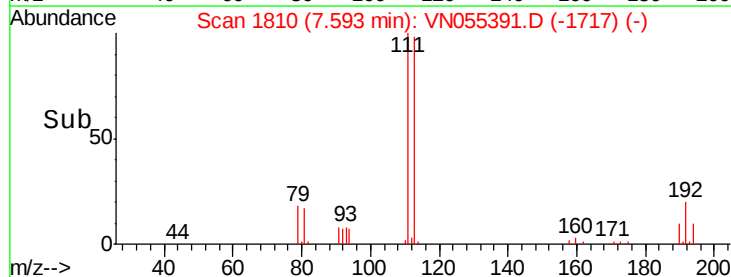
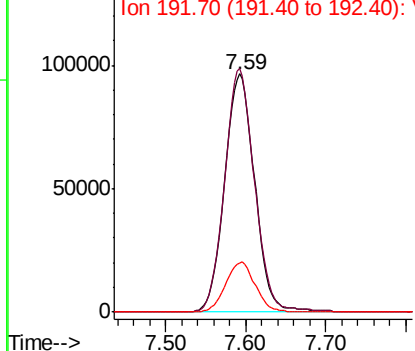


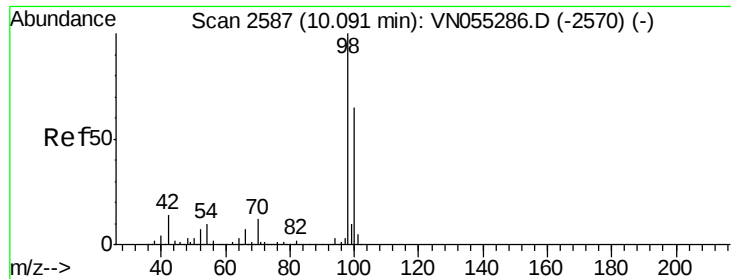
#35
 Dibromofluoromethane
 Concen: 49.390 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055391.D
 Acq: 3 May 2019 15:47

Tgt Ion:113 Resp: 248609
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.3 123.5
 192 20.6 17.0 25.6



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





#50

Toluene-d8

Concen: 51.928 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055391.D

Acq: 3 May 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

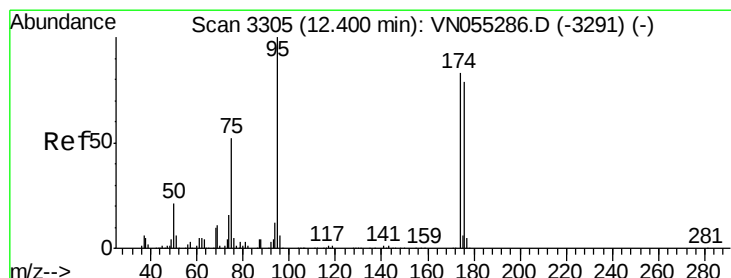
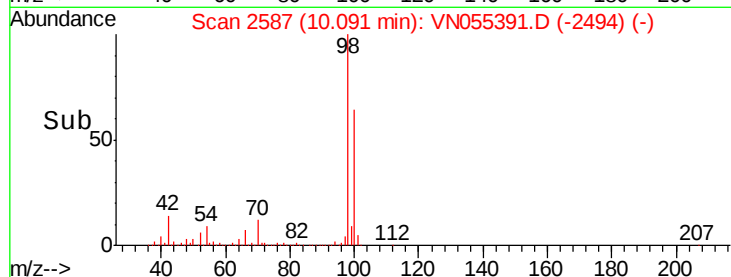
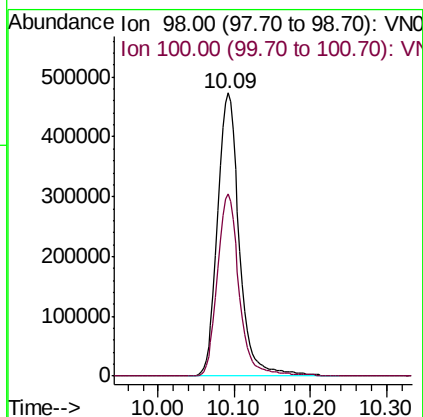
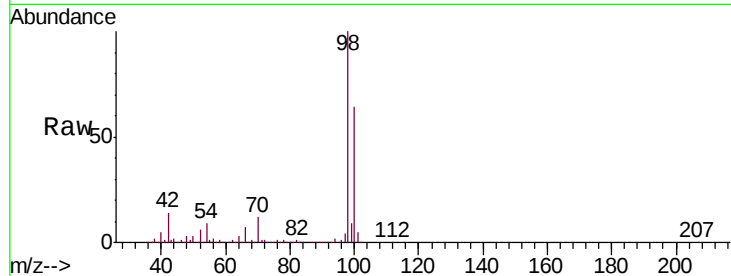
EP1-SB-W2(14-17)DL

Tgt Ion: 98 Resp: 943829

Ion Ratio Lower Upper

98 100

100 64.3 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 54.746 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055391.D

Acq: 3 May 2019 15:47

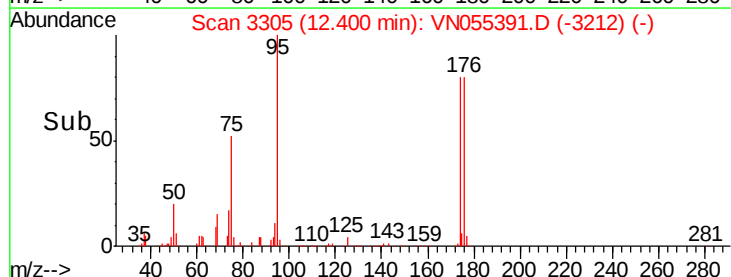
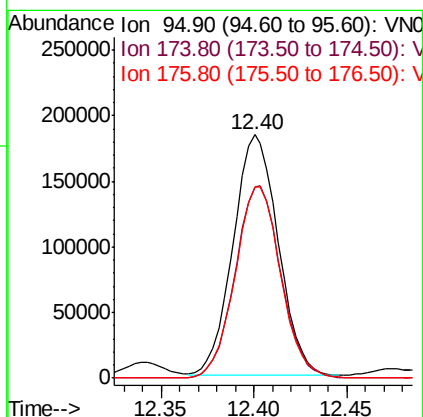
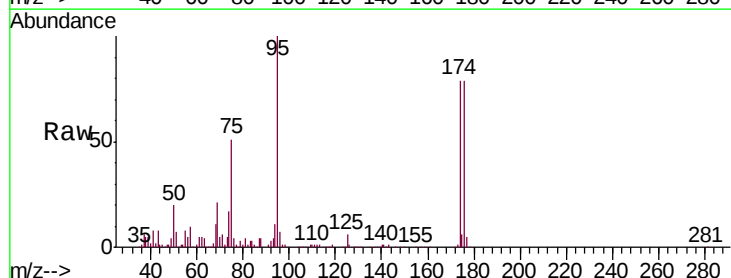
Tgt Ion: 95 Resp: 310988

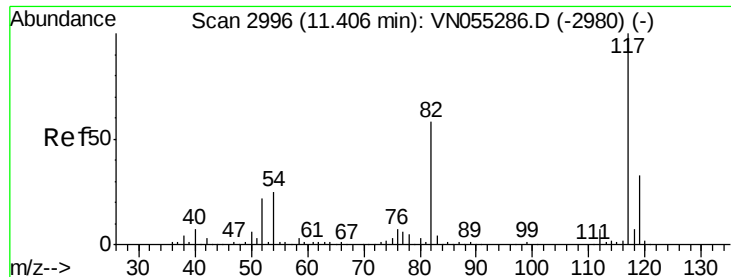
Ion Ratio Lower Upper

95 100

174 81.2 0.0 166.6

176 80.4 0.0 157.8

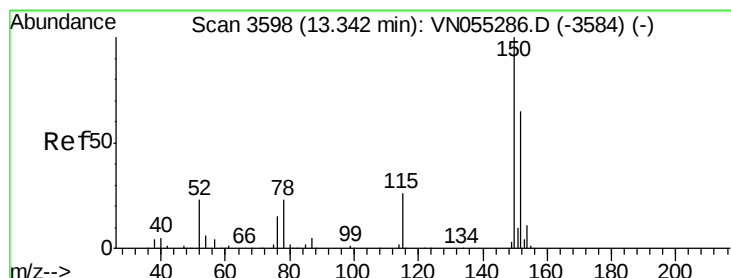
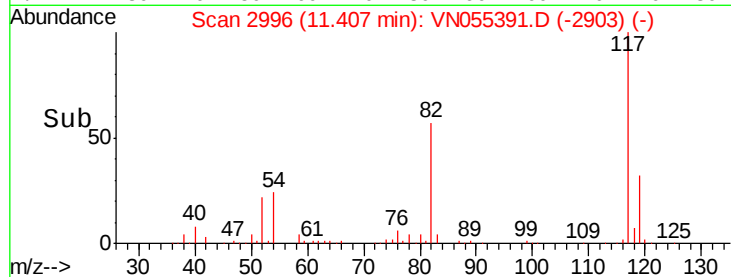
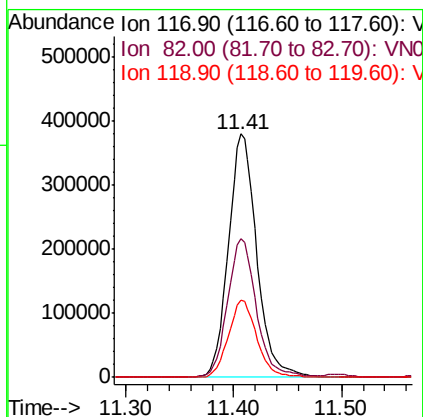
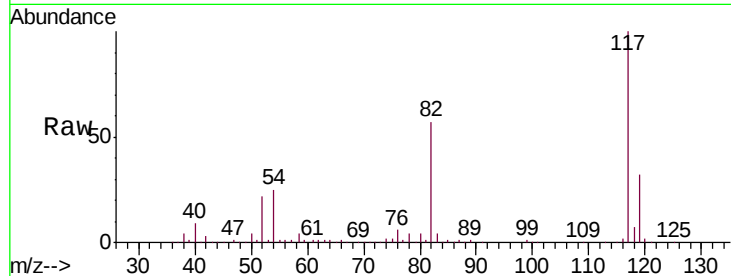




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055391.D
Acq: 3 May 2019 15:47

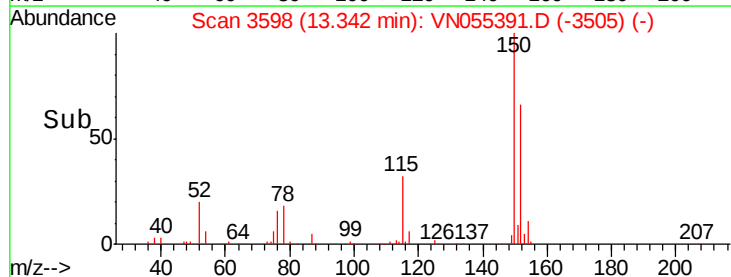
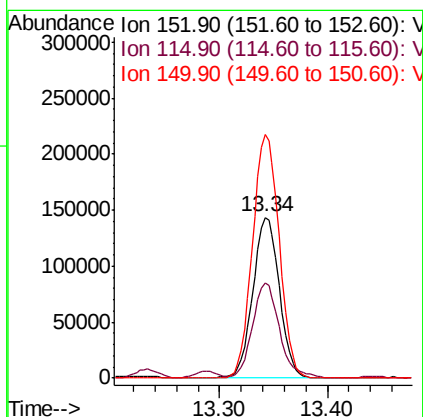
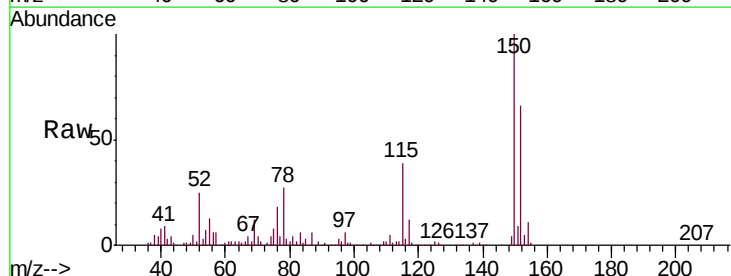
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W2(14-17)DL

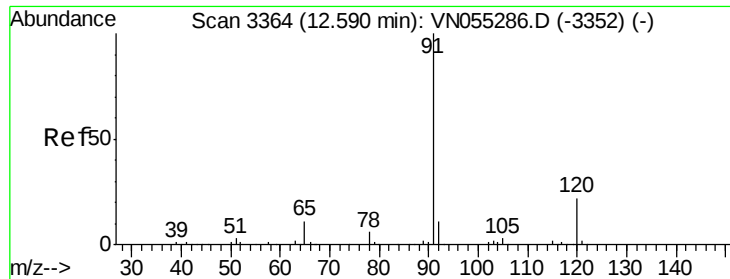
Tgt Ion:117 Resp: 695199
Ion Ratio Lower Upper
117 100
82 56.5 46.2 69.4
119 31.9 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055391.D
Acq: 3 May 2019 15:47

Tgt Ion:152 Resp: 245108
Ion Ratio Lower Upper
152 100
115 59.9 29.0 87.0
150 151.8 0.0 345.6





#78

n-propylbenzene

Concen: 6.924 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN055391.D

Acq: 3 May 2019 15:47

Instrument :

MSVOA_N

ClientSampleId :

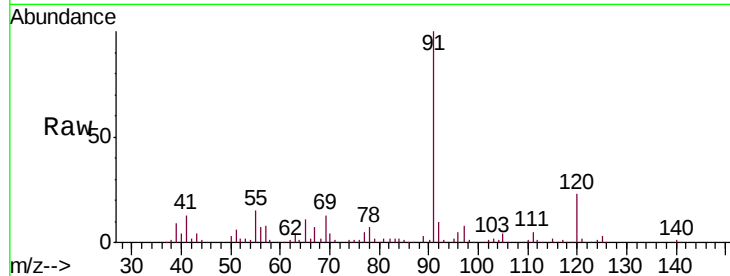
EP1-SB-W2(14-17)DL

Tgt Ion: 91 Resp: 174327

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN055286.D (-3352) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3352) (-)

12.59

100000

80000

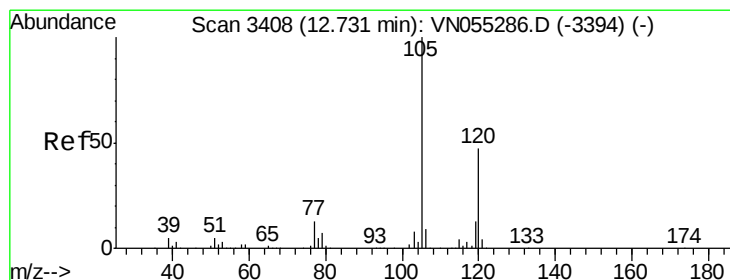
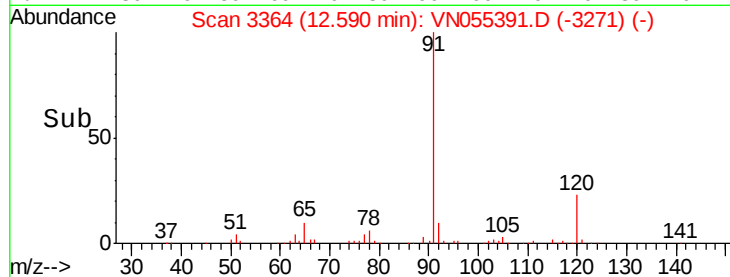
60000

40000

20000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.578 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN055391.D

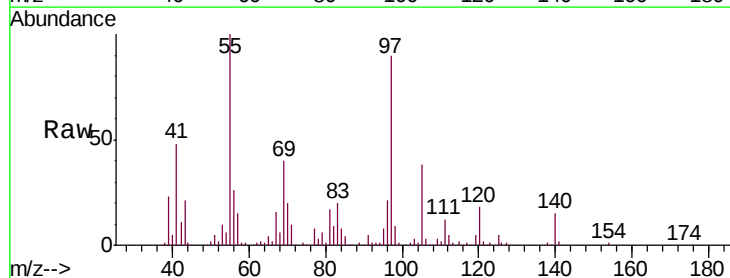
Acq: 3 May 2019 15:47

Tgt Ion: 105 Resp: 107190

Ion Ratio Lower Upper

105 100

120 48.0 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): VN055286.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN055286.D (-3394) (-)

12.73

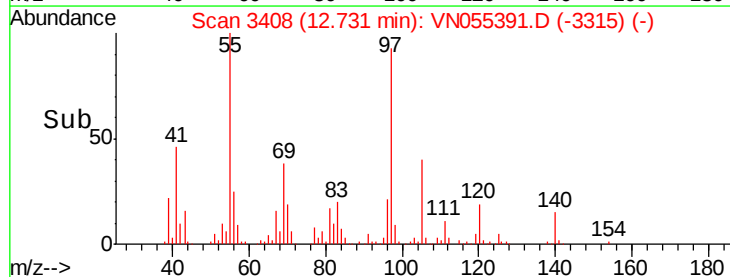
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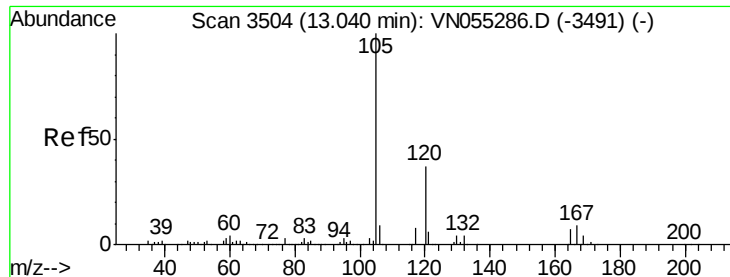
40000

20000

0

Time-->

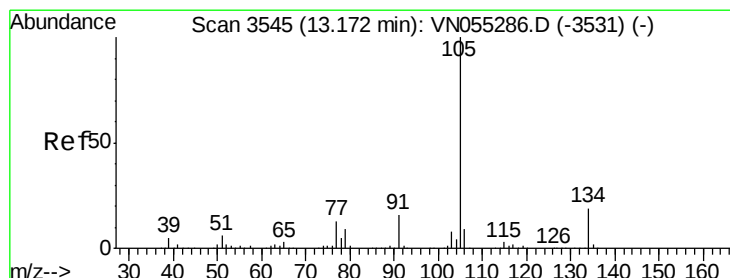
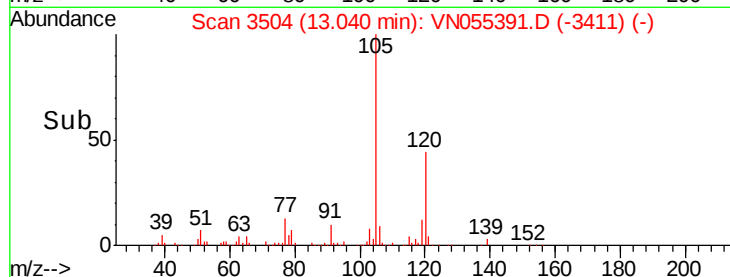
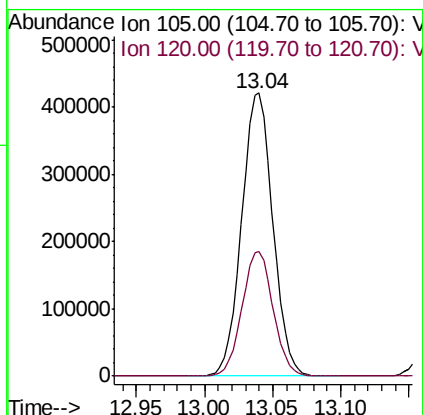
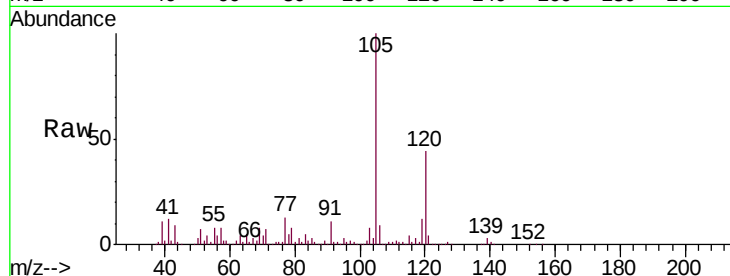




#84
 1,2,4-Trimethylbenzene
 Concen: 38.823 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN055391.D
 Acq: 3 May 2019 15:47

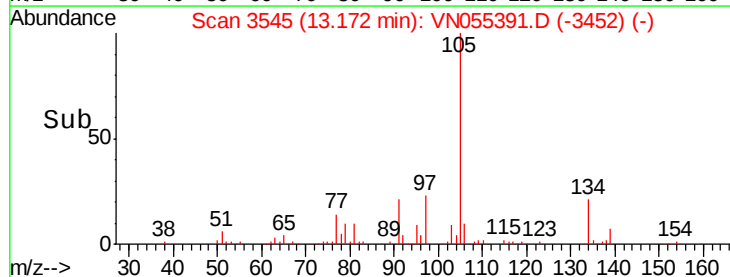
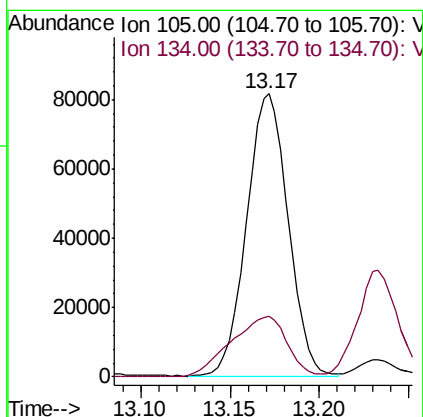
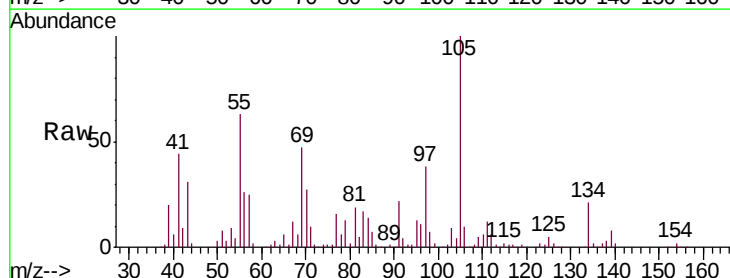
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)DL

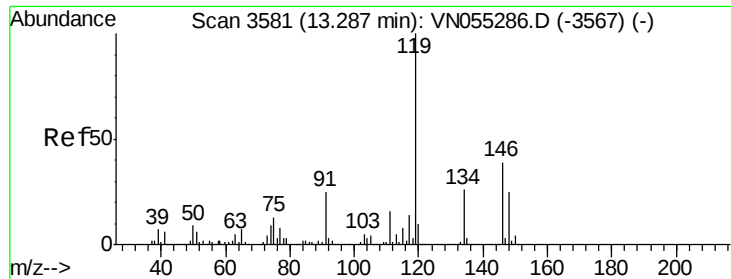
Tgt Ion:105 Resp: 667187
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 6.343 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. 0.00 min
 Lab File: VN055391.D
 Acq: 3 May 2019 15:47

Tgt Ion:105 Resp: 132485
 Ion Ratio Lower Upper
 105 100
 134 29.0 9.6 28.8#

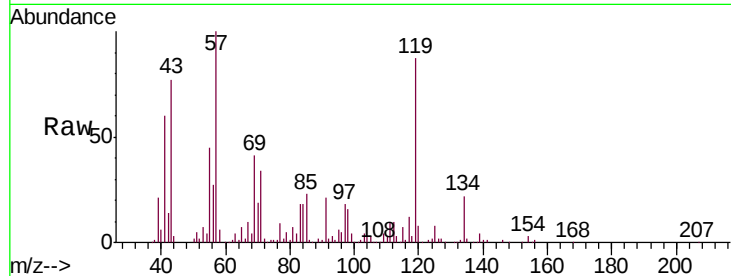




#86
 p-Isopropyltoluene
 Concen: 7.214 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN055391.D
 Acq: 3 May 2019 15:47

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W2(14-17)DL

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.0	38.9
91	24.2	12.2	36.6

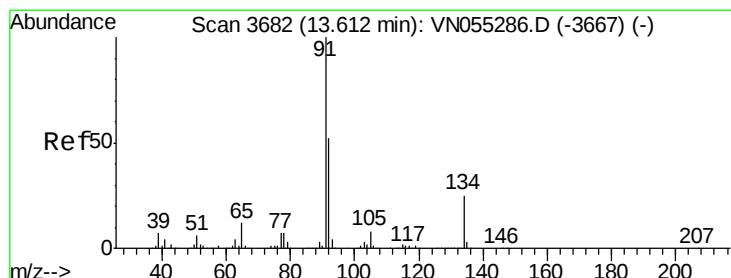
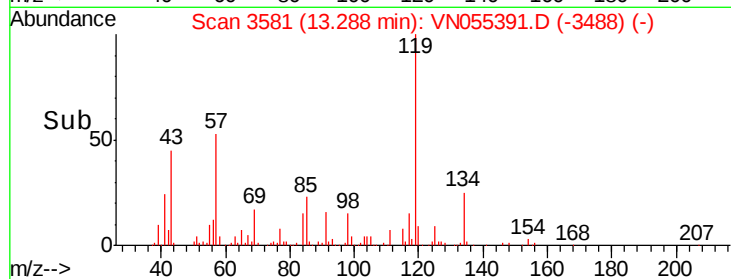
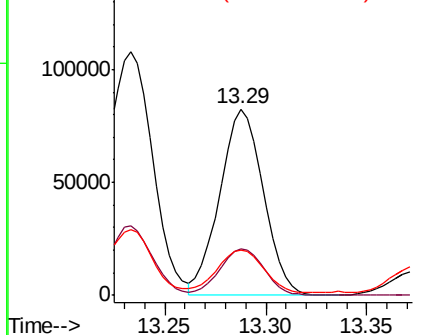


Abundance

Ion 119.00 (118.70 to 119.70): V

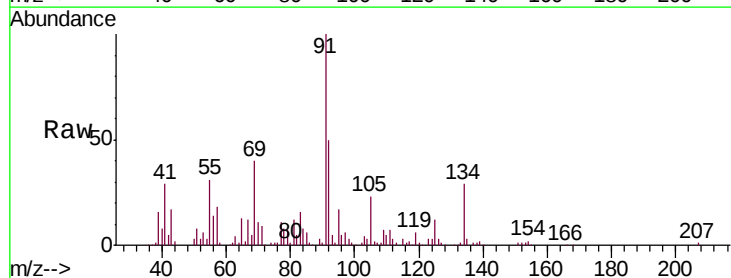
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#89
 n-Butylbenzene
 Concen: 8.230 ug/l
 RT: 13.61 min Scan# 3682
 Delta R.T. 0.00 min
 Lab File: VN055391.D
 Acq: 3 May 2019 15:47

Tgt Ion	Ratio	Lower	Upper
91	100		
92	56.8	26.1	78.3
134	0.0	12.4	37.4#



Abundance

Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

