

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100618\
 Data File : VN051715.D
 Acq On : 6 Oct 2018 3:21
 Operator : MD\SY
 Sample : J5165-04 40X
 Misc : 6.04g/5.00mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 45 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G-092718(7-10)

Quant Time: Oct 08 09:14:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 05 02:22:33 2018
 Response via : Initial Calibration

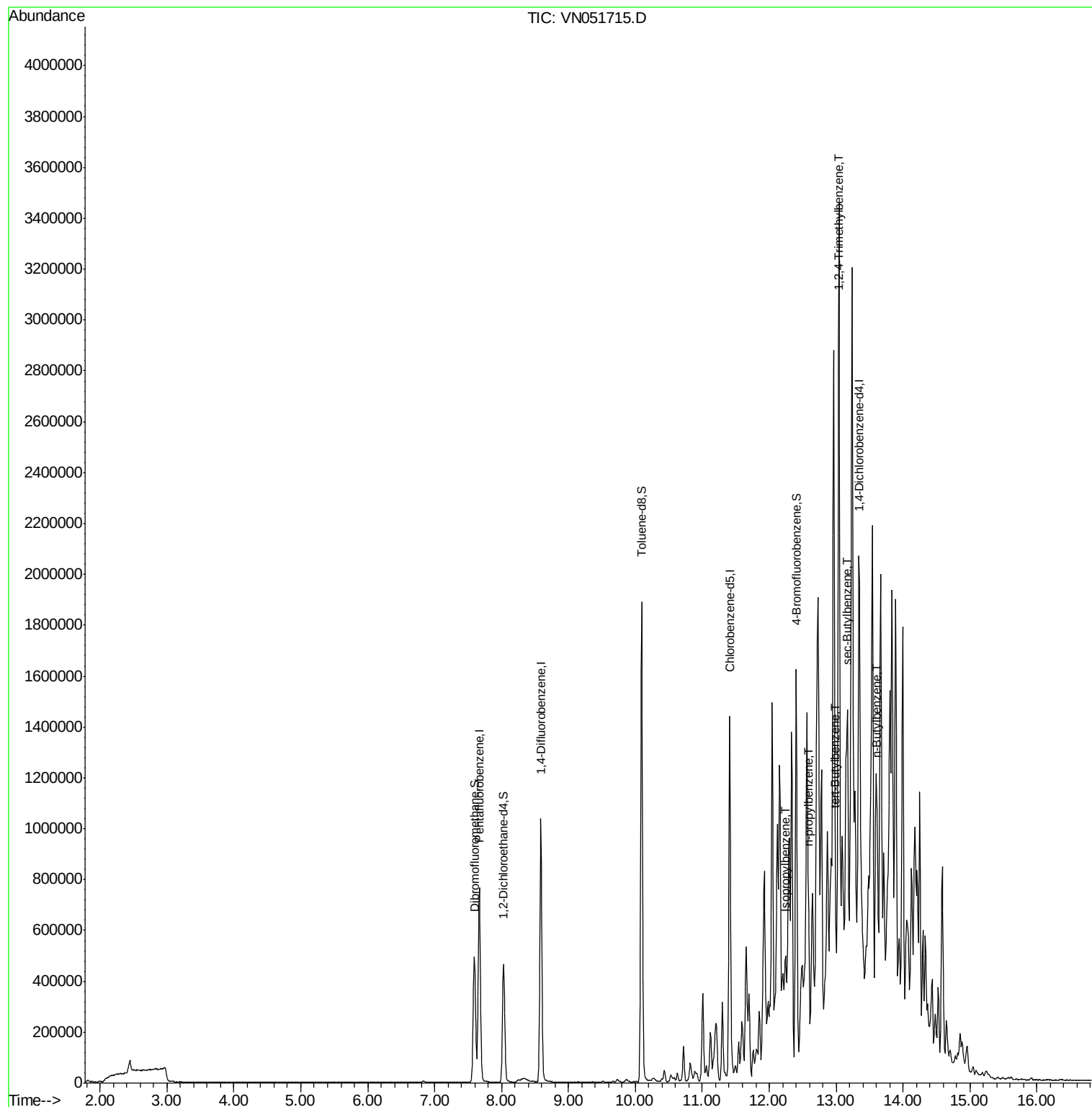
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	661278	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	971886	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	860350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	476824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	401406	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	7.59	113	370923	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.09	98	1369283	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	
62) 4-Bromofluorobenzene	12.40	95	425228	42.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.70%	
Target Compounds						
73) Isopropylbenzene	12.25	105	66190	1.628	ug/l	98
78) n-propylbenzene	12.59	91	338397	7.633	ug/l	97
83) tert-Butylbenzene	12.99	119	48974	1.596	ug/l	91
84) 1,2,4-Trimethylbenzene	13.04	105	1563846	45.579	ug/l	99
85) sec-Butylbenzene	13.17	105	411105	10.126	ug/l #	76
89) n-Butylbenzene	13.62	91	375197	13.184	ug/l #	75

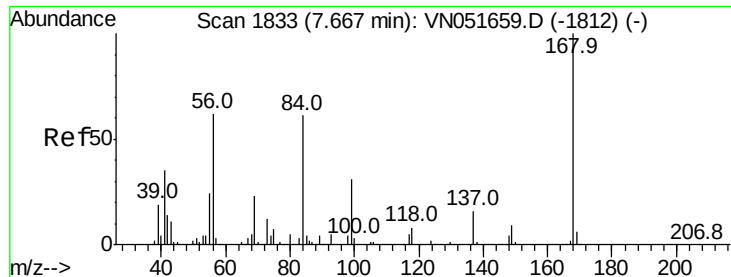
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN051715.D

Acq: 6 Oct 2018 3:21

Instrument :

MSVOA_N

ClientSampleId :

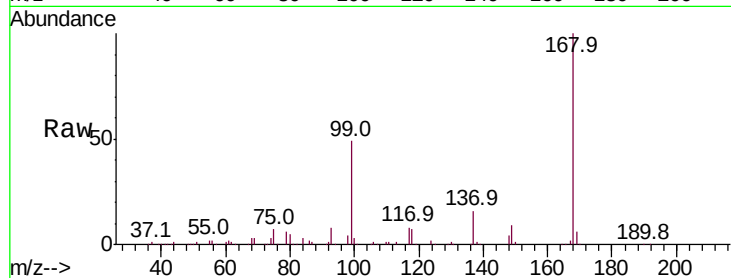
EP1-MW-G-092718(7-10)

Tot Ion:168 Resp: 661278

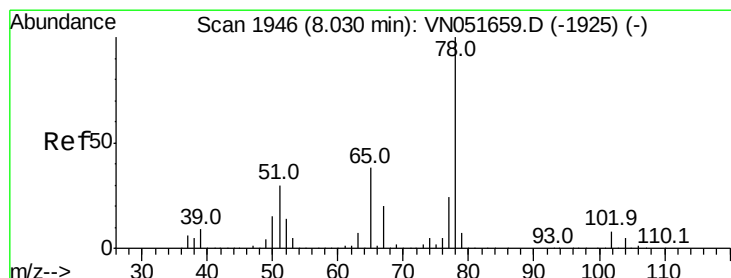
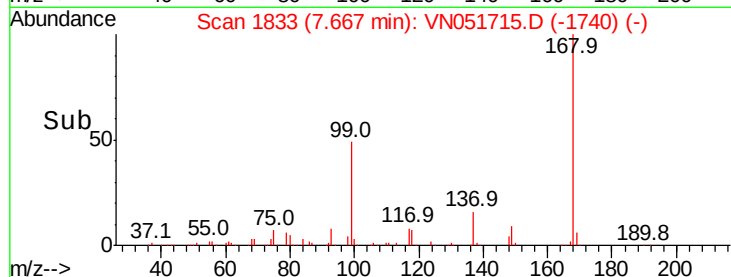
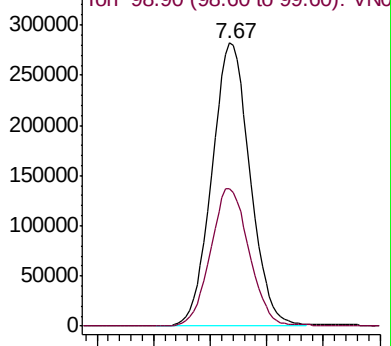
Ion Ratio Lower Upper

168 100

99 48.6 40.4 60.6



Abundance Ion 167.90 (167.60 to 168.60): VN051715.D (-1740) (-)



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN051715.D

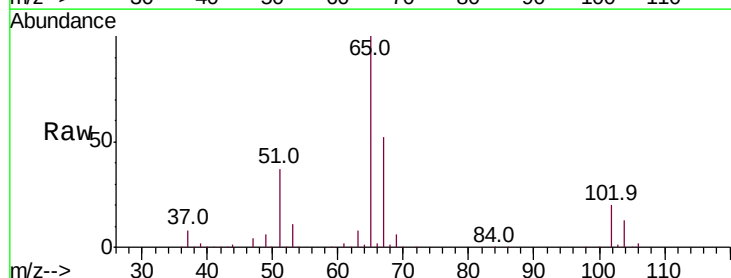
Acq: 6 Oct 2018 3:21

Tgt Ion: 65 Resp: 401406

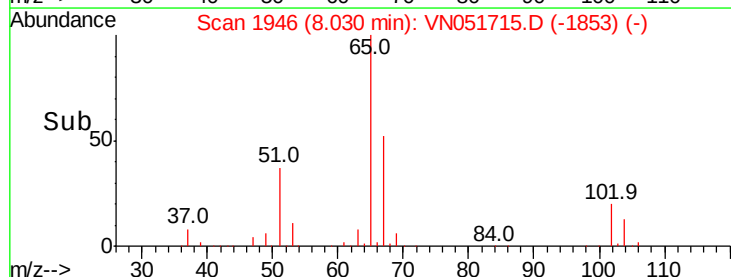
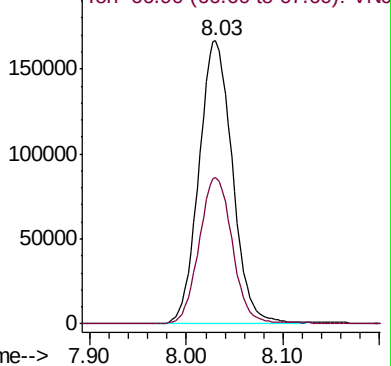
Ion Ratio Lower Upper

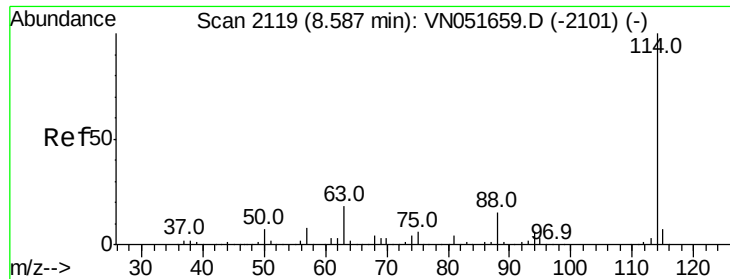
65 100

67 51.0 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VN051715.D (-1853) (-)

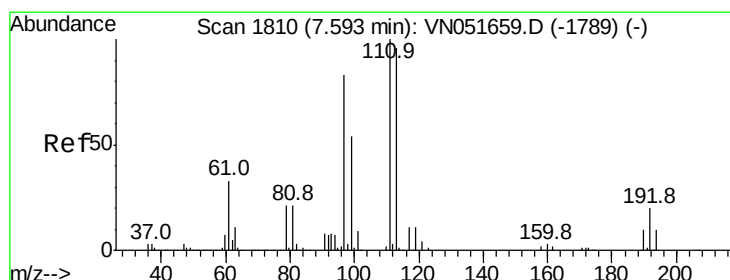
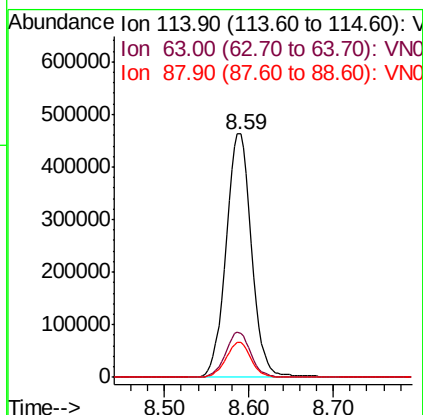
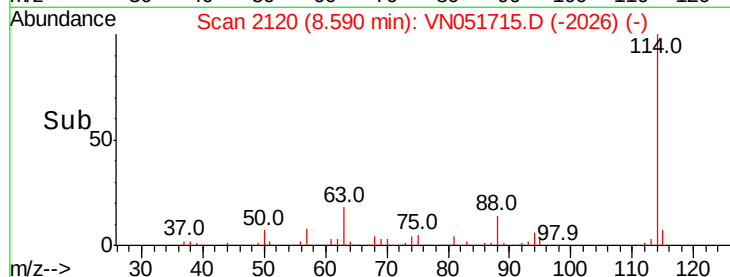
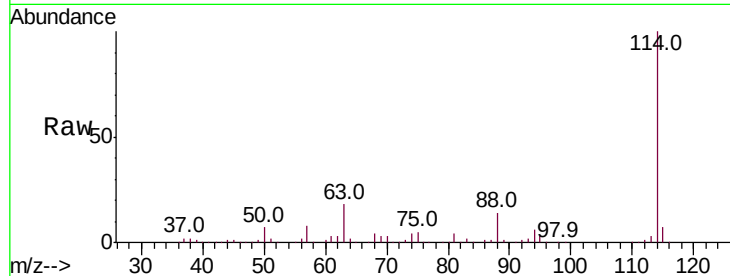




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2120
 Delta R.T. 0.00 min
 Lab File: VN051715.D
 Acq: 6 Oct 2018 3:21

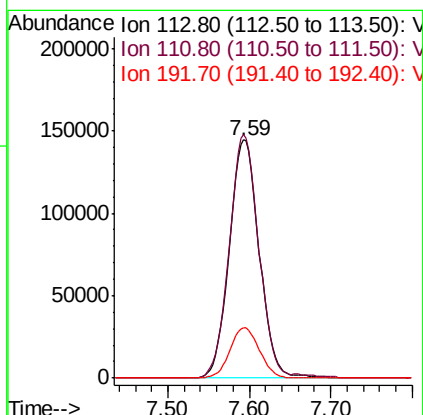
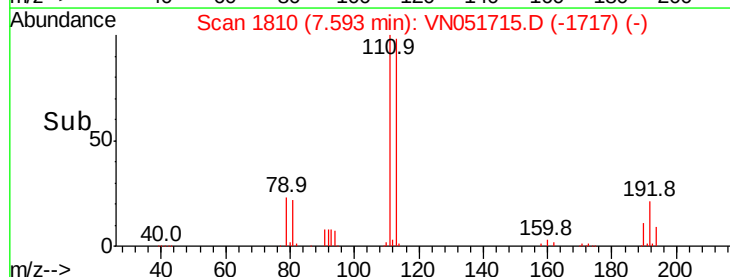
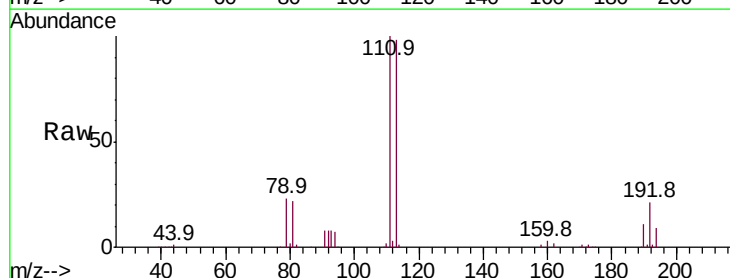
Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-G-092718(7-10)

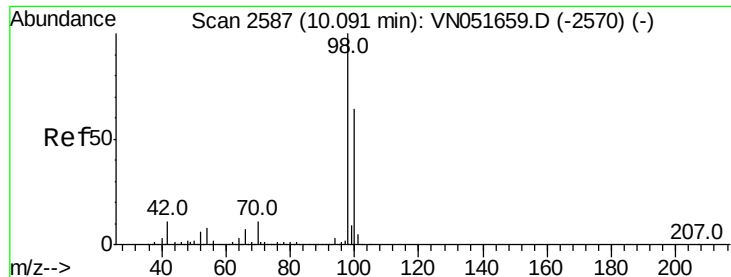
Tot Ion:	114	Resp:	971886
Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.2
88	14.3	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN051715.D
 Acq: 6 Oct 2018 3:21

Tgt Ion:	113	Resp:	370923
Ion	Ratio	Lower	Upper
113	100		
111	100.2	81.8	122.8
192	20.9	16.5	24.7

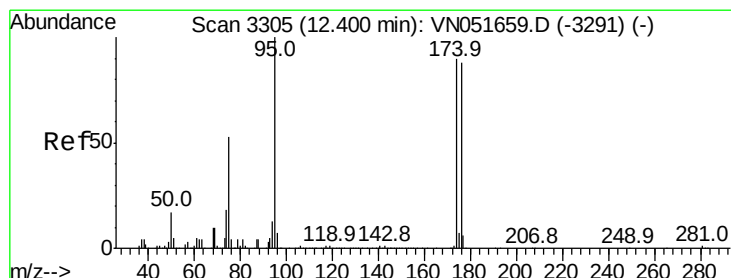
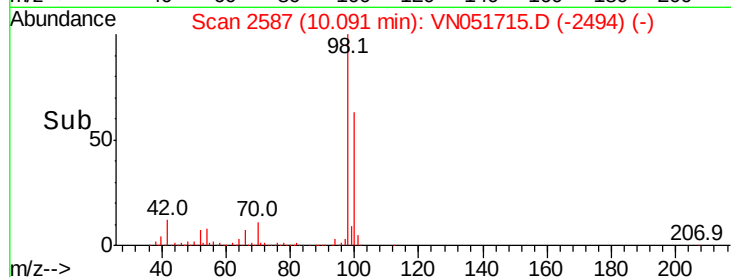
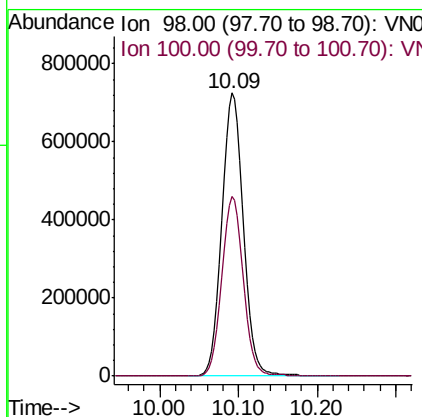
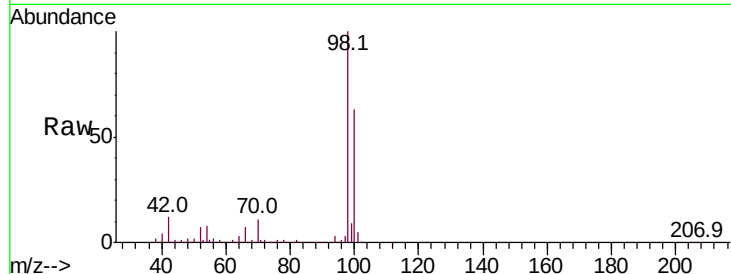




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051715.D
Acq: 6 Oct 2018 3:21

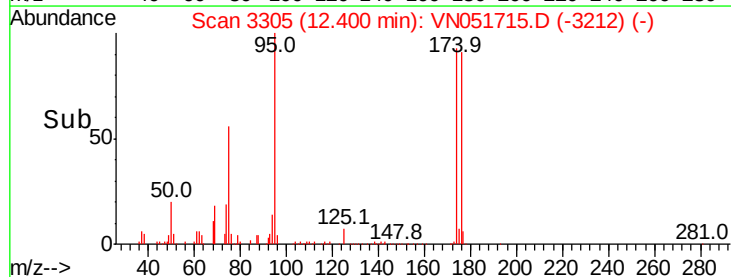
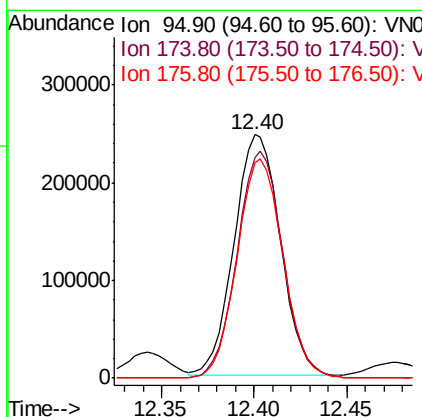
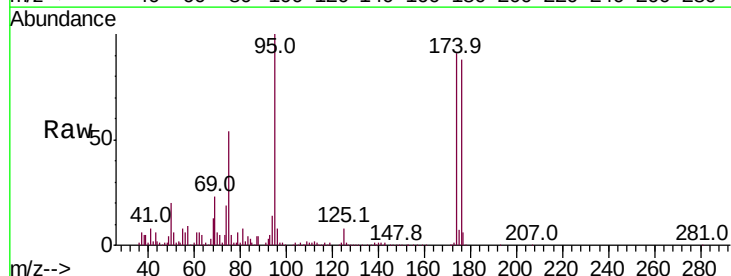
Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-G-092718(7-10)

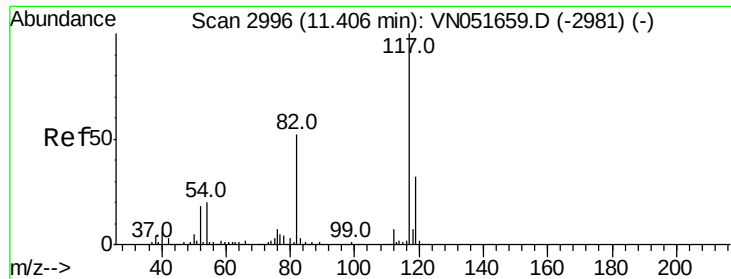
Tot Ion: 98 Resp: 1369283
Ion Ratio Lower Upper
98 100
100 63.1 51.5 77.3



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN051715.D
Acq: 6 Oct 2018 3:21

Tgt Ion: 95 Resp: 425228
Ion Ratio Lower Upper
95 100
174 93.8 0.0 182.8
176 91.3 0.0 176.4

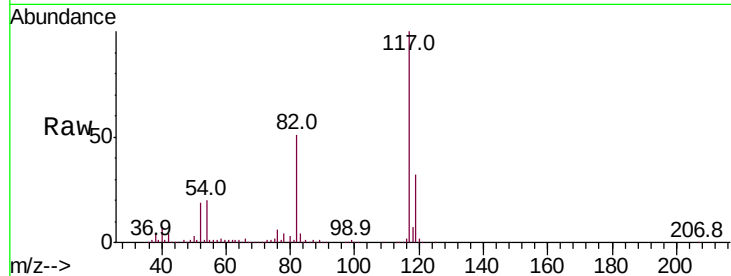




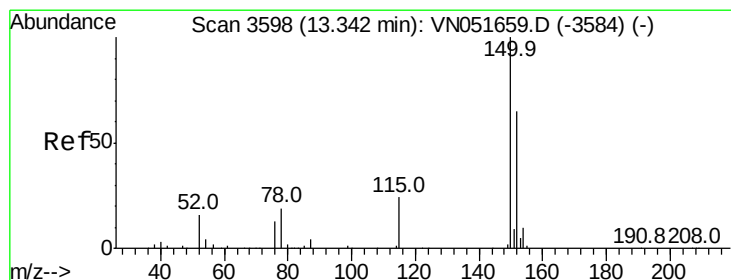
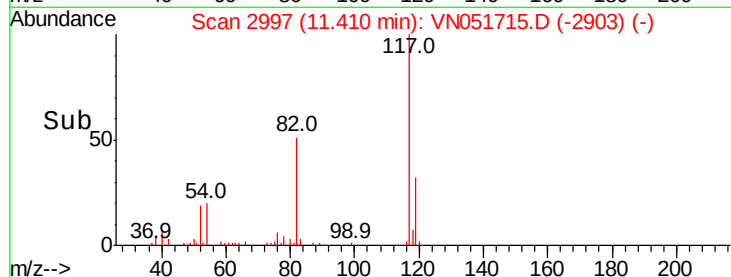
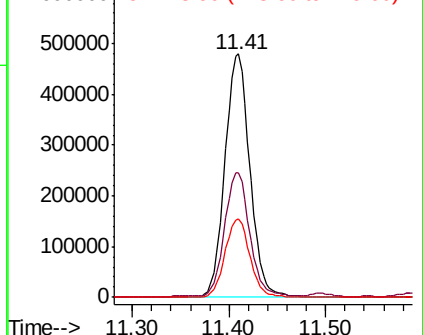
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051715.D
Acq: 6 Oct 2018 3:21

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-G-092718(7-10)

Tot Ion:117 Resp: 860350
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 32.1 25.9 38.9

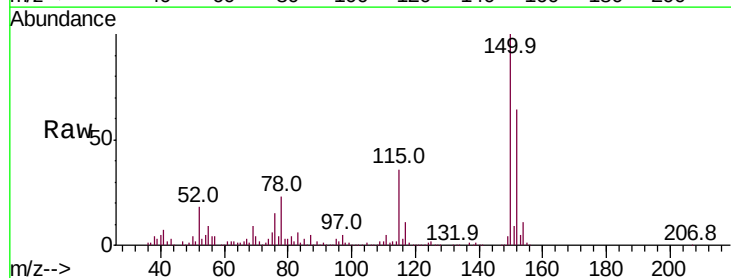


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

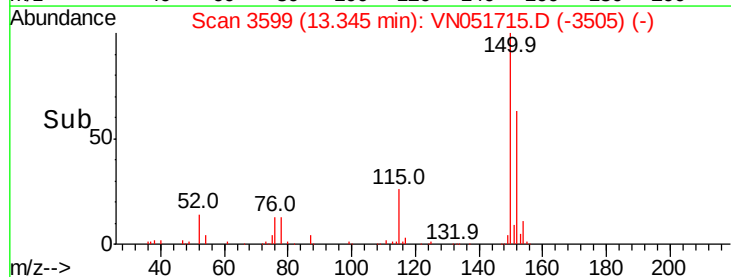
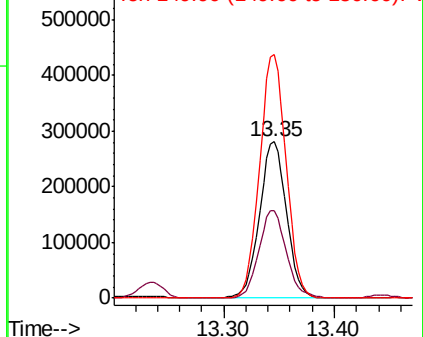


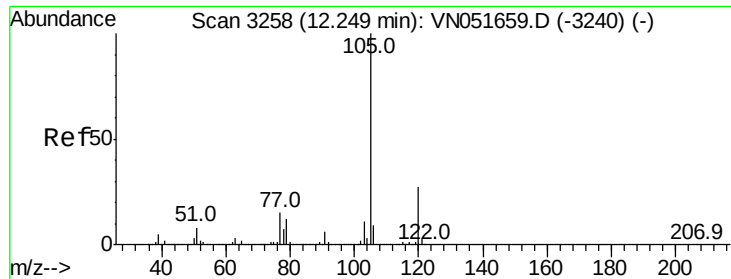
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN051715.D
Acq: 6 Oct 2018 3:21

Tgt Ion:152 Resp: 476824
Ion Ratio Lower Upper
152 100
115 56.6 28.6 85.8
150 153.1 0.0 352.4



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: 1.628 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051715.D

Acq: 6 Oct 2018 3:21

Instrument :

MSVOA_N

ClientSampleId :

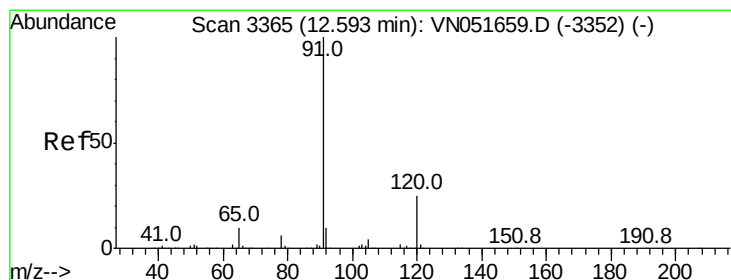
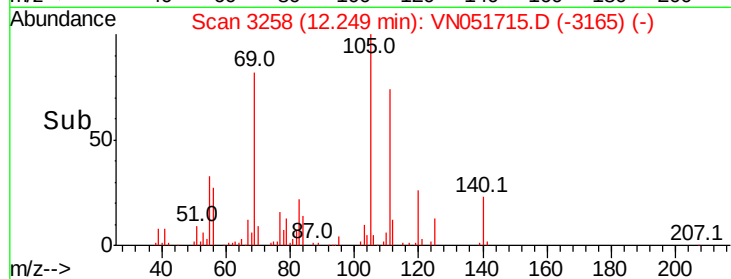
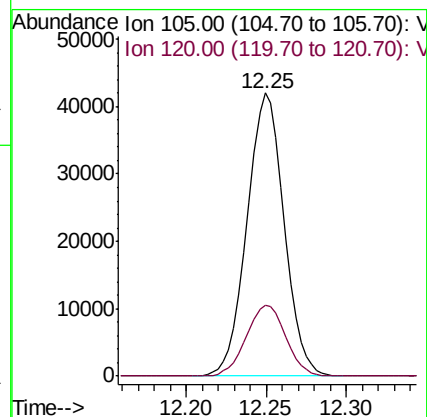
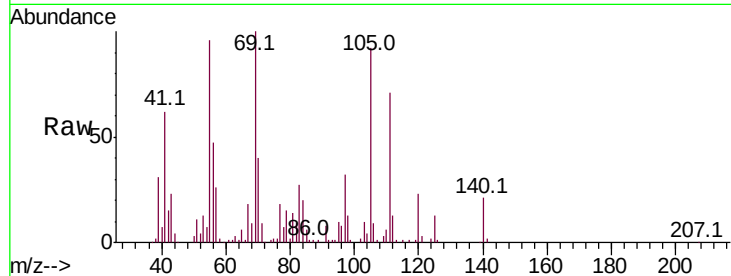
EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 66190

Ion Ratio Lower Upper

105 100

120 26.6 13.9 41.6



#78

n-propylbenzene

Concen: 7.633 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051715.D

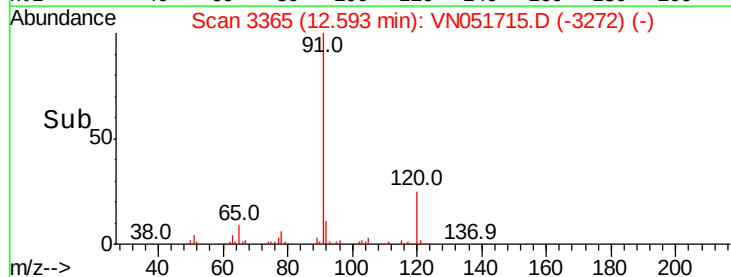
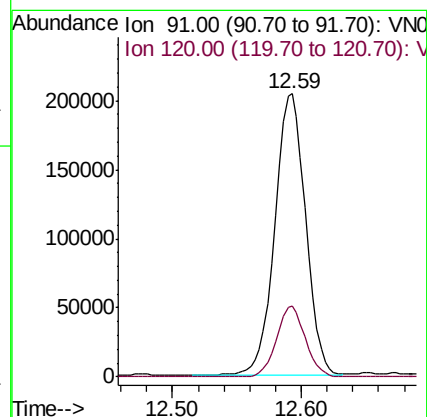
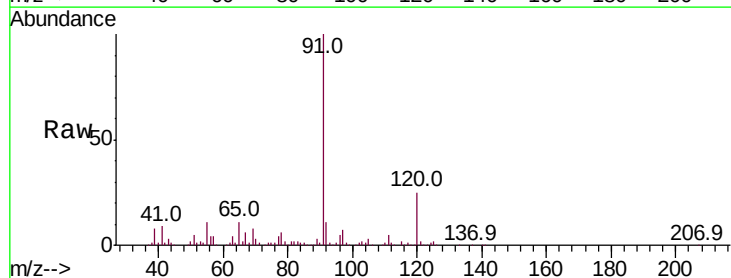
Acq: 6 Oct 2018 3:21

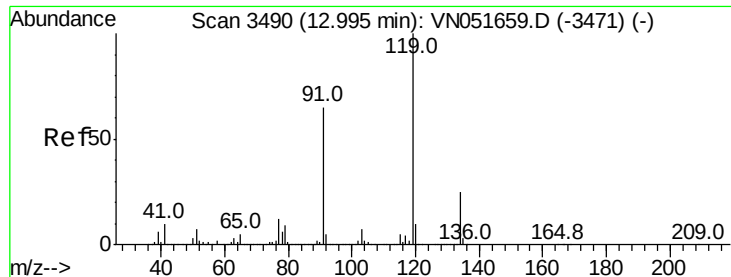
Tgt Ion: 91 Resp: 338397

Ion Ratio Lower Upper

91 100

120 23.5 12.4 37.2





#83

tert-Butylbenzene

Concen: 1.596 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051715.D

Acq: 6 Oct 2018 3:21

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-G-092718(7-10)

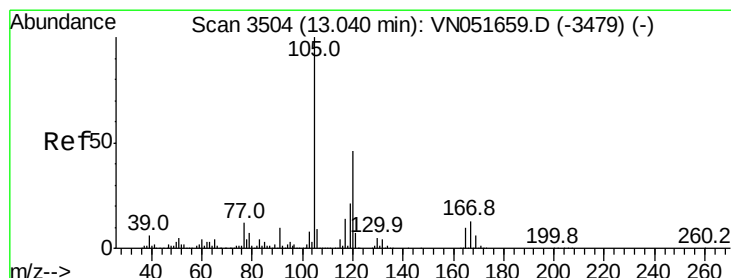
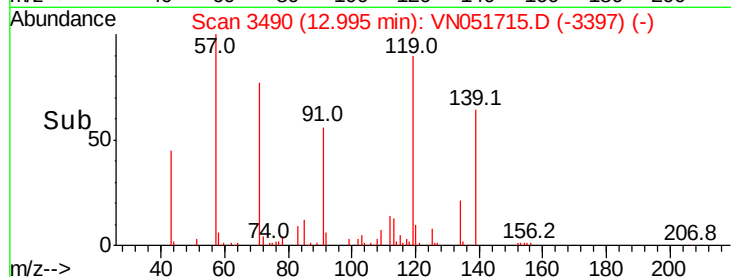
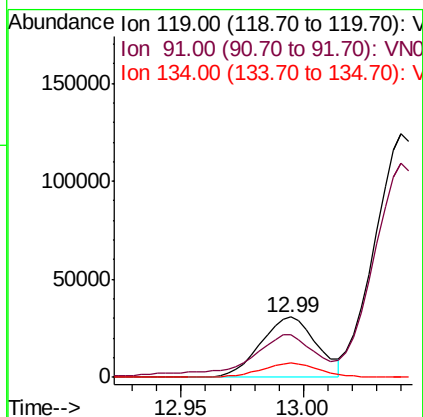
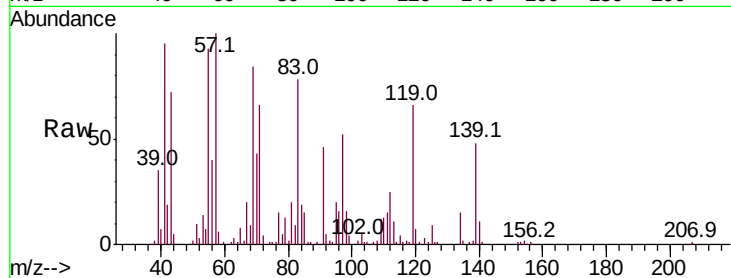
Tot Ion:119 Resp: 48974

Ion Ratio Lower Upper

119 100

91 72.5 32.1 96.5

134 24.4 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 45.579 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. 0.00 min

Lab File: VN051715.D

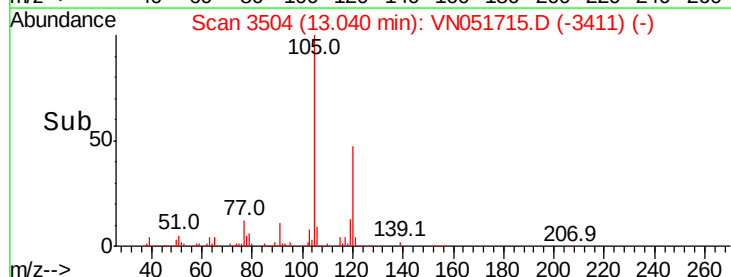
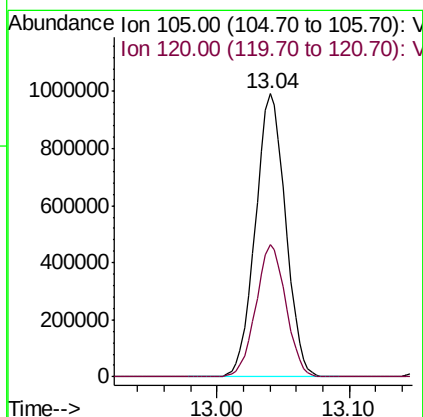
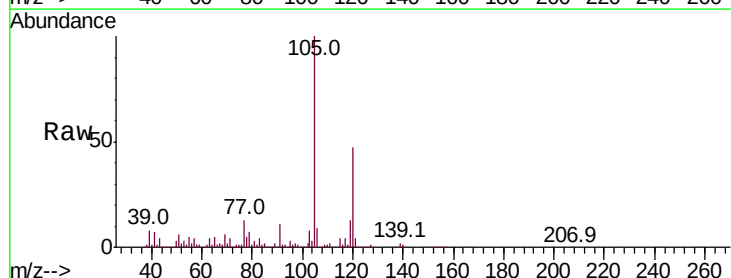
Acq: 6 Oct 2018 3:21

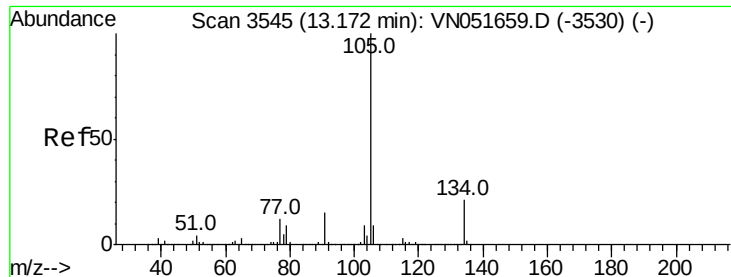
Tgt Ion:105 Resp: 1563846

Ion Ratio Lower Upper

105 100

120 46.5 22.9 68.7





#85

sec-Butylbenzene

Concen: 10.126 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN051715.D

Acq: 6 Oct 2018 3:21

Instrument :

MSVOA_N

ClientSampleId :

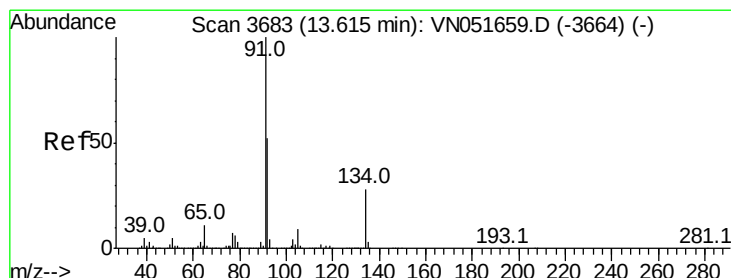
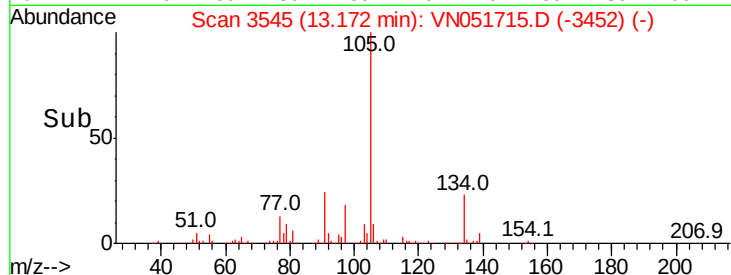
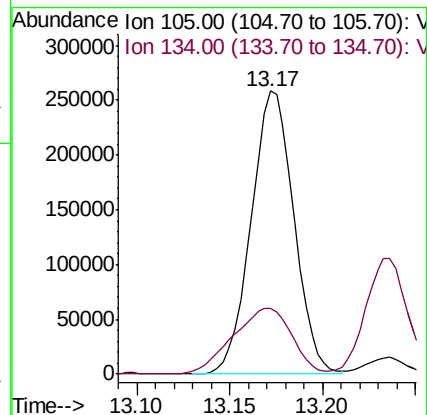
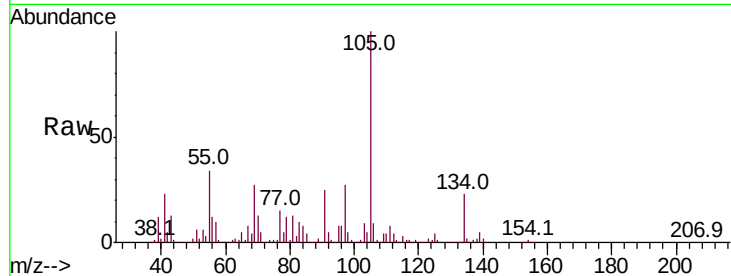
EP1-MW-G-092718(7-10)

Tot Ion:105 Resp: 411105

Ion Ratio Lower Upper

105 100

134 32.3 10.5 31.6#



#89

n-Butylbenzene

Concen: 13.184 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN051715.D

Acq: 6 Oct 2018 3:21

Tgt Ion: 91 Resp: 375197

Ion Ratio Lower Upper

91 100

92 46.1 26.0 78.0

134 56.9 14.2 42.6#

