

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031919\
 Data File : VN054433.D
 Acq On : 19 Mar 2019 11:47
 Operator : JC/SP
 Sample : K1970-05
 Misc : 5.04g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P-5-E.WALL-SOUTH

Quant Time: Mar 19 12:13:53 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

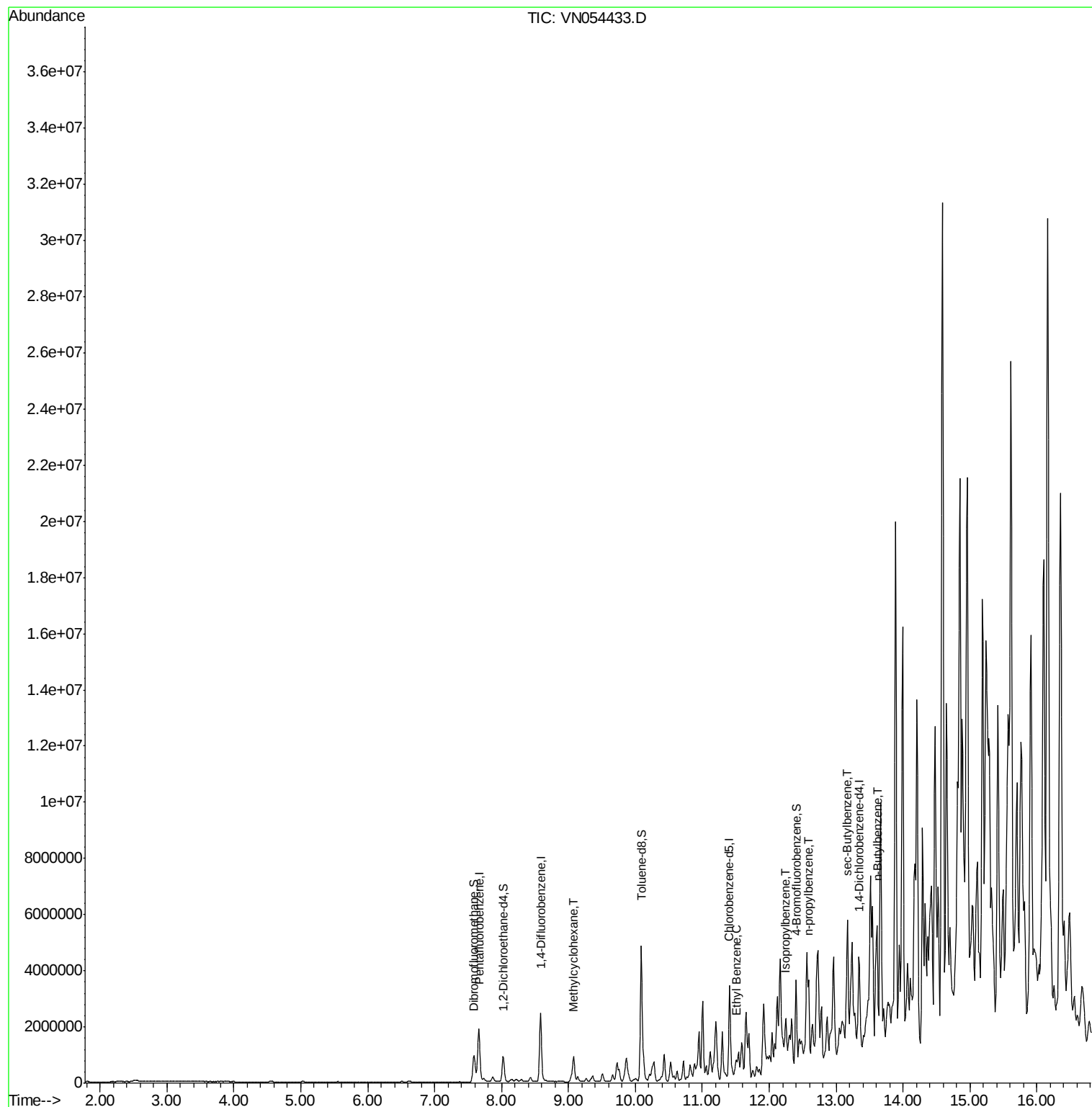
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1801786	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2522587	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2235642	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	1104404	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	782403	40.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.78%	
35) Dibromofluoromethane	7.59	113	724910	44.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.12%	
50) Toluene-d8	10.09	98	3037860	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	
62) 4-Bromofluorobenzene	12.40	95	1000031	47.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.14%	
Target Compounds						
39) Methylcyclohexane	9.08	83	433344	15.161	ug/l	99
67) Ethyl Benzene	11.51	91	298283	3.666	ug/l	98
73) Isopropylbenzene	12.25	105	998655	11.302	ug/l	100
78) n-propylbenzene	12.59	91	2335113	24.356	ug/l	100
85) sec-Butylbenzene	13.17	105	2743745	31.274	ug/l	90
89) n-Butylbenzene	13.61	91	2386580	40.810	ug/l #	84

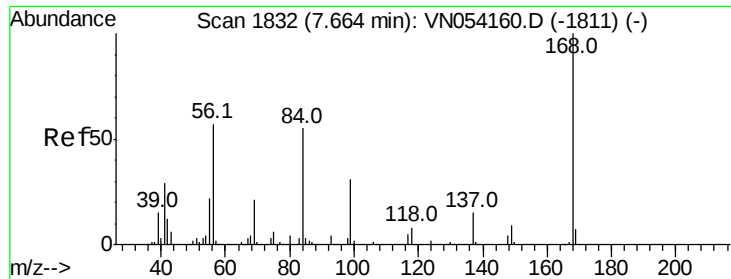
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
P-5-E.WALL-SOUTH

Quant Time: Mar 19 12:13:53 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

Instrument :

MSVOA_N

ClientSampleId :

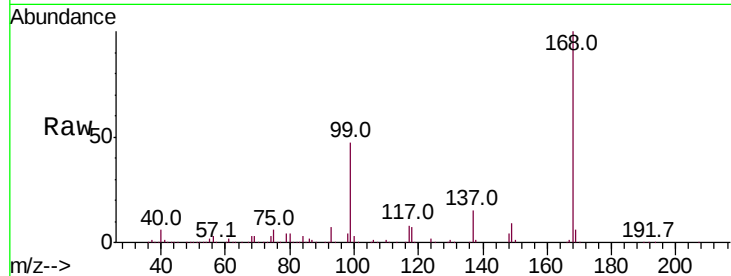
P-5-E.WALL-SOUTH

Tot Ion:168 Resp: 1801786

Ion Ratio Lower Upper

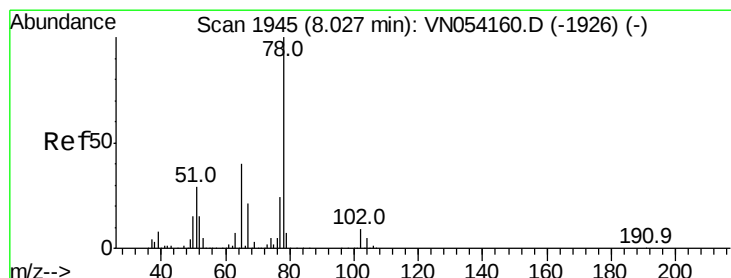
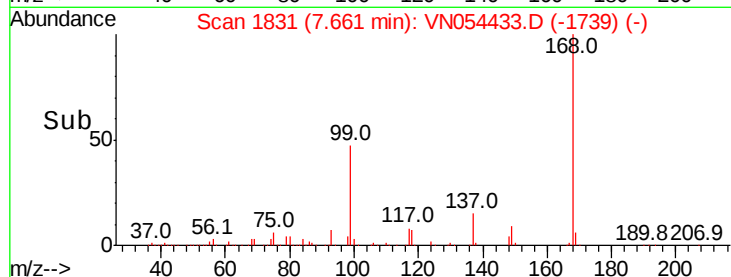
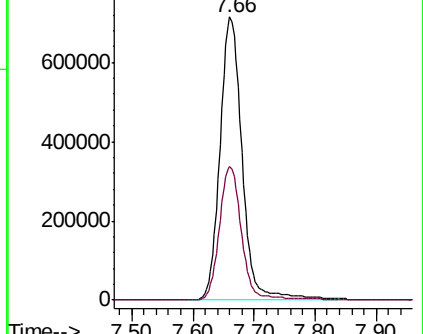
168 100

99 47.2 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 40.889 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054433.D

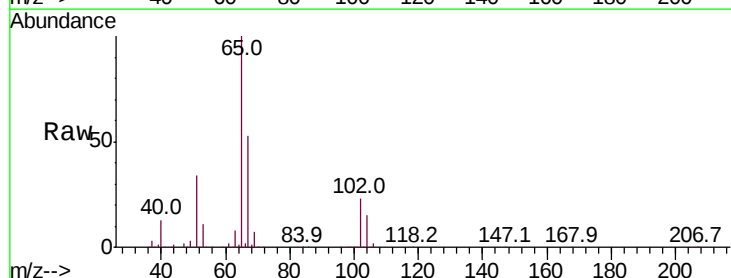
Acq: 19 Mar 2019 11:47

Tgt Ion: 65 Resp: 782403

Ion Ratio Lower Upper

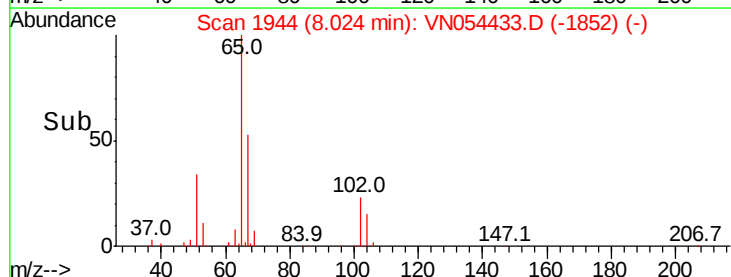
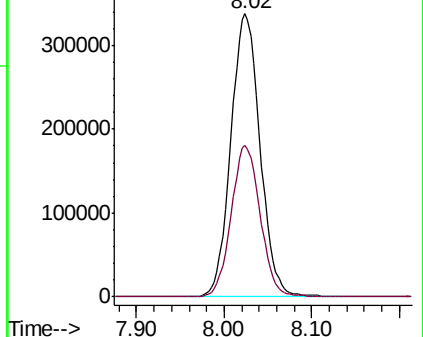
65 100

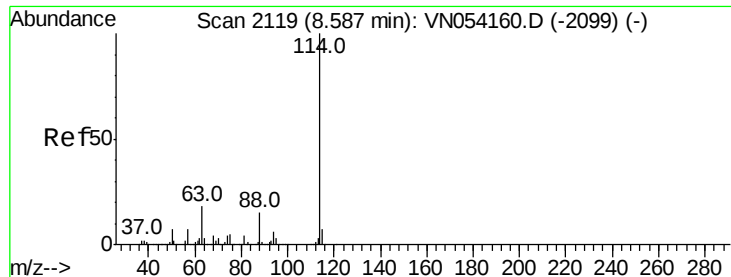
67 53.1 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO



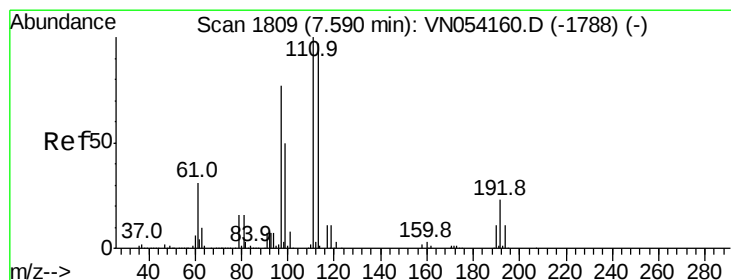
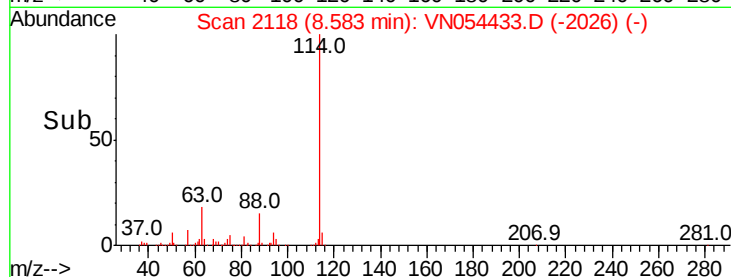
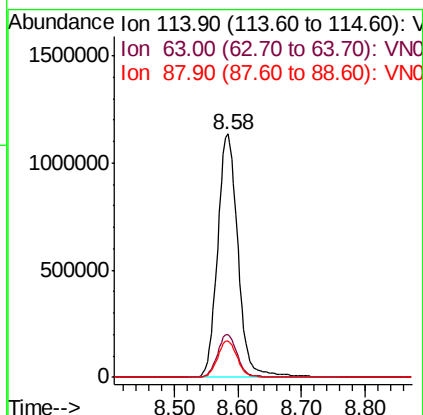
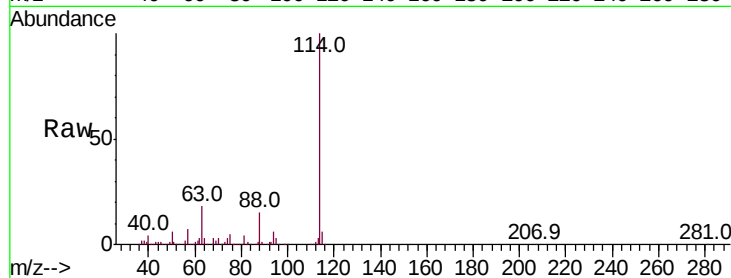


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054433.D
 Acq: 19 Mar 2019 11:47

Instrument :
 MSVOA_N
 ClientSampleId :
 P-5-E.WALL-SOUTH

Tot Ion:114 Resp: 2522587

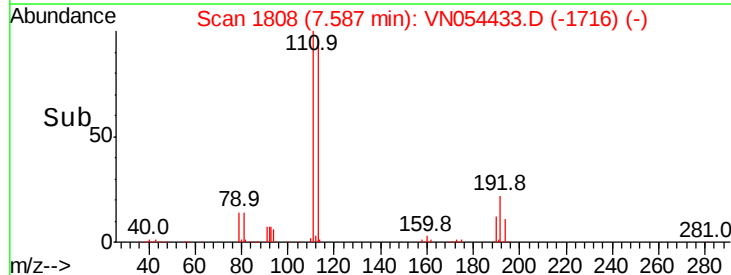
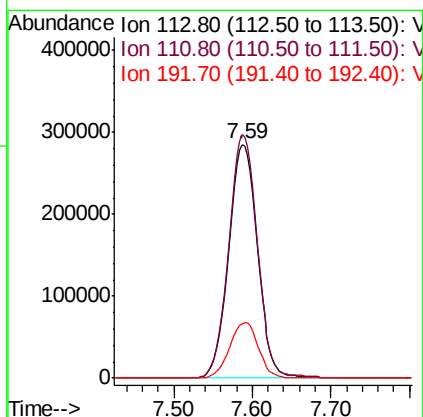
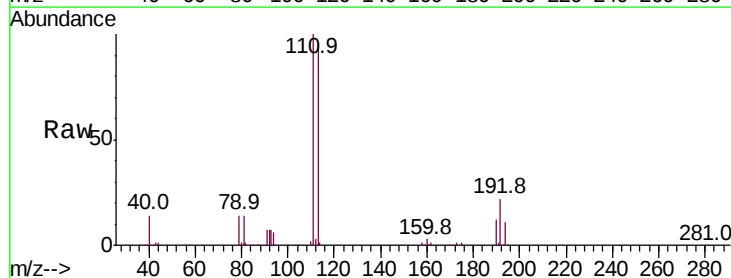
Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	35.2
88	15.1	0.0	30.2

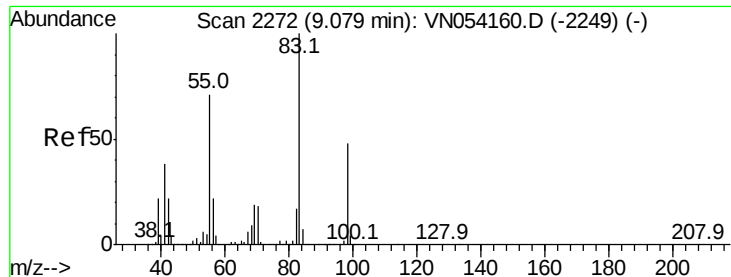


#35
 Dibromofluoromethane
 Concen: 44.556 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN054433.D
 Acq: 19 Mar 2019 11:47

Tgt Ion:113 Resp: 724910

Ion	Ratio	Lower	Upper
113	100		
111	103.7	82.2	123.4
192	23.9	19.2	28.8

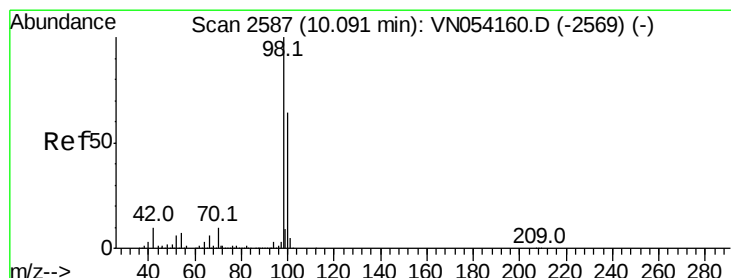
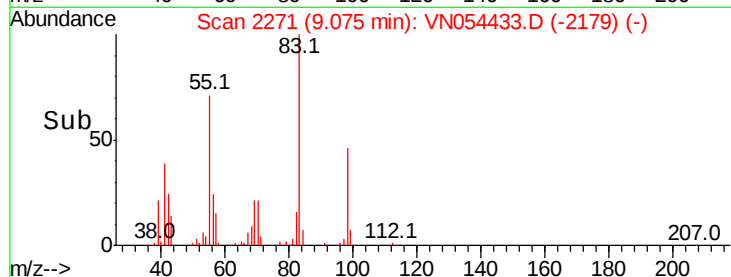
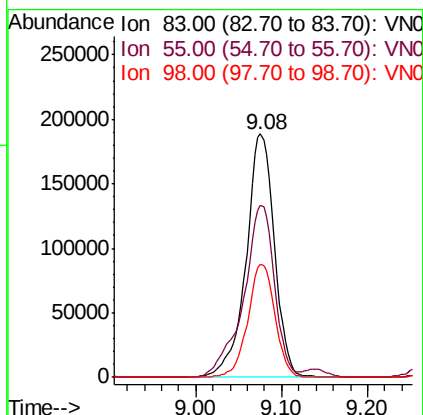
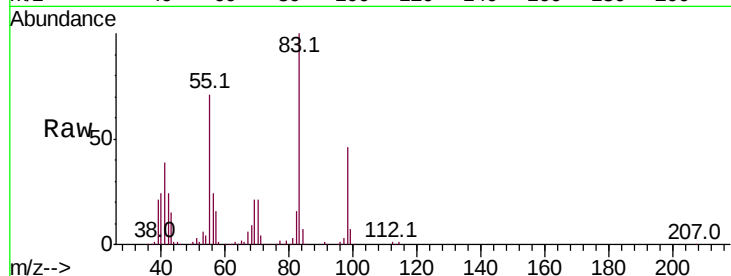




#39
Methvlcvclohexane
Concen: 15.161 ug/l
RT: 9.08 min Scan# 2271
Delta R.T. -0.00 min
Lab File: VN054433.D
Acq: 19 Mar 2019 11:47

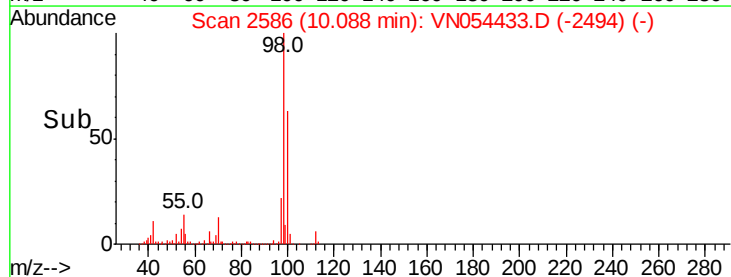
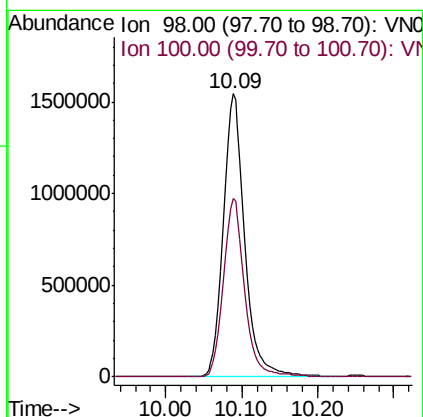
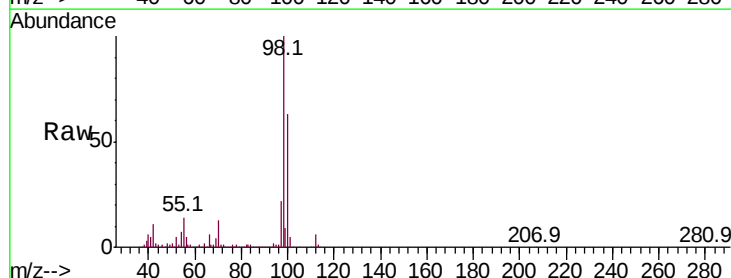
Instrument :
MSVOA_N
ClientSampleId :
P-5-E.WALL-SOUTH

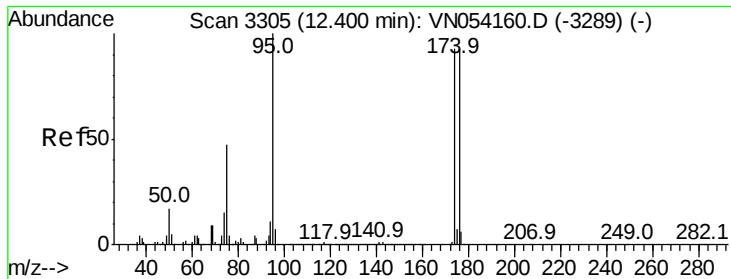
Tot Ion: 83 Resp: 433344
Ion Ratio Lower Upper
83 100
55 70.6 56.6 84.8
98 46.3 38.4 57.6



#50
Toluene-d8
Concen: 50.558 ug/l
RT: 10.09 min Scan# 2586
Delta R.T. -0.00 min
Lab File: VN054433.D
Acq: 19 Mar 2019 11:47

Tgt Ion: 98 Resp: 3037860
Ion Ratio Lower Upper
98 100
100 62.8 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 47.566 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

Instrument :

MSVOA_N

ClientSampleId :

P-5-E.WALL-SOUTH

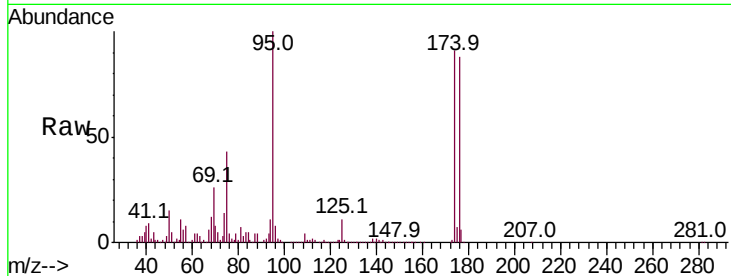
Tot Ion: 95 Resp: 1000031

Ion Ratio Lower Upper

95 100

174 95.0 0.0 191.0

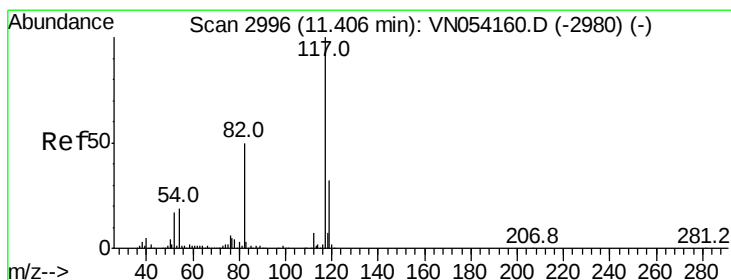
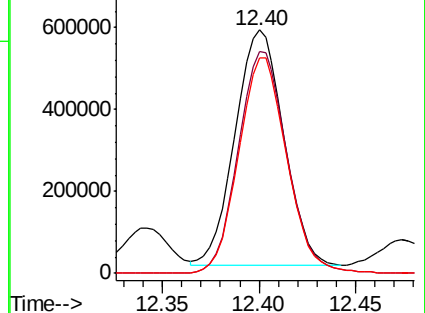
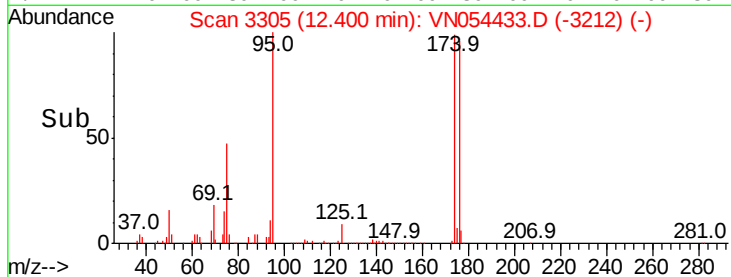
176 91.8 0.0 187.4



Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): VN0

Ion 175.80 (175.50 to 176.50): VN0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

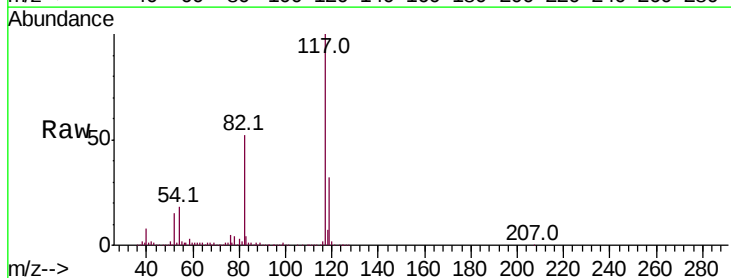
Tgt Ion: 117 Resp: 2235642

Ion Ratio Lower Upper

117 100

82 50.6 40.0 60.0

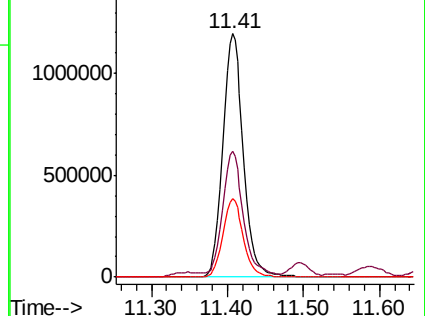
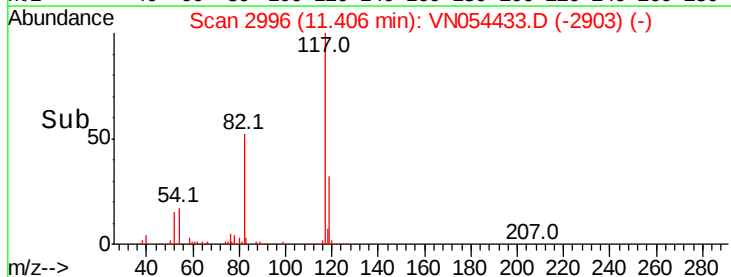
119 32.2 25.8 38.6

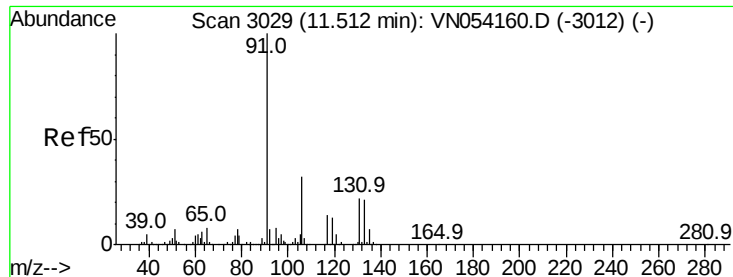


Abundance Ion 116.90 (116.60 to 117.60): VN0

Ion 82.00 (81.70 to 82.70): VN0

Ion 118.90 (118.60 to 119.60): VN0





#67

Ethyl Benzene

Concen: 3.666 ug/l

RT: 11.51 min Scan# 3028

Delta R.T. -0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

Instrument :

MSVOA_N

ClientSampleId :

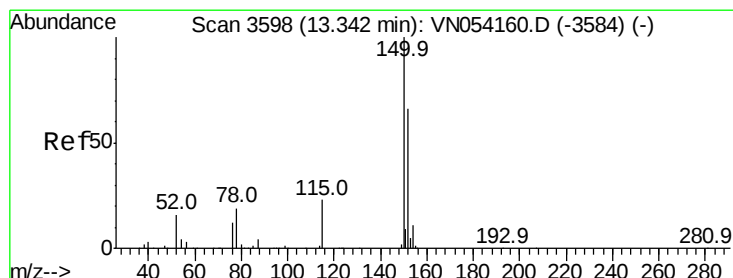
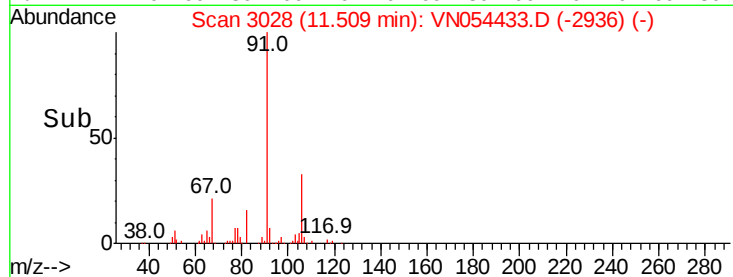
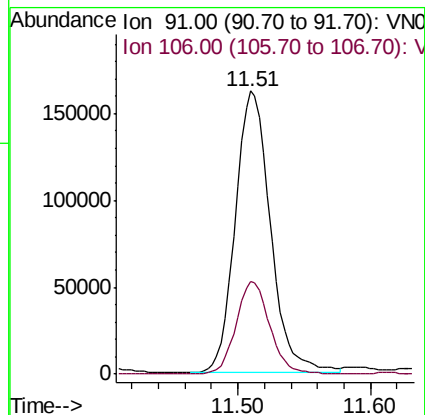
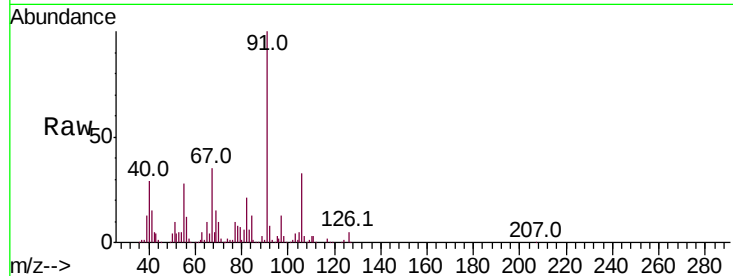
P-5-E.WALL-SOUTH

Tot Ion: 91 Resp: 298283

Ion Ratio Lower Upper

91 100

106 33.0 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

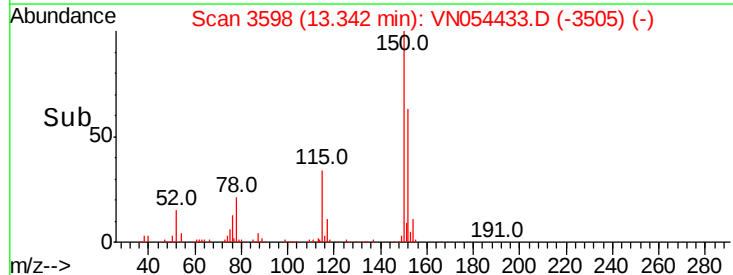
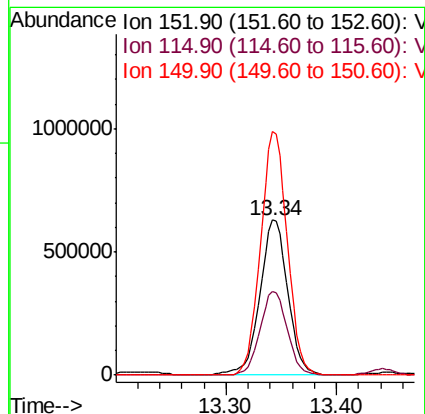
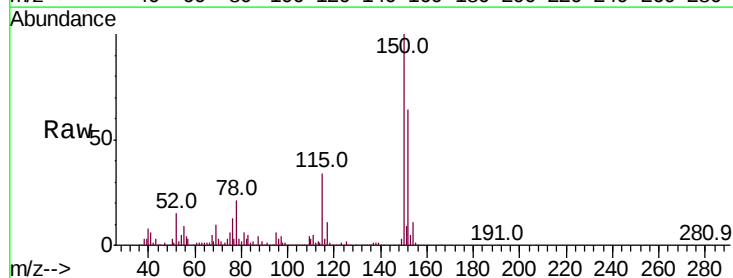
Tgt Ion: 152 Resp: 1104404

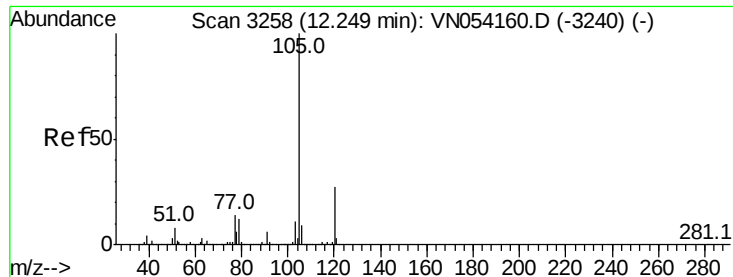
Ion Ratio Lower Upper

152 100

115 52.5 27.2 81.6

150 150.1 0.0 349.2





#73

Isopropylbenzene

Concen: 11.302 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

Instrument :

MSVOA_N

ClientSampleId :

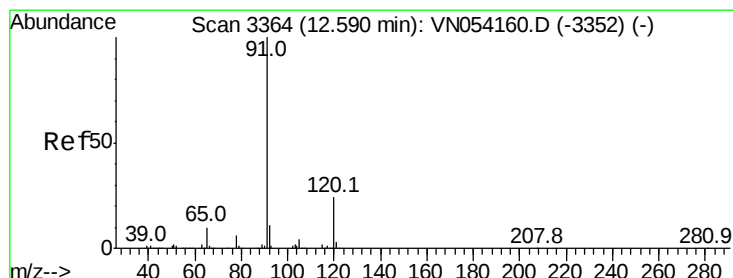
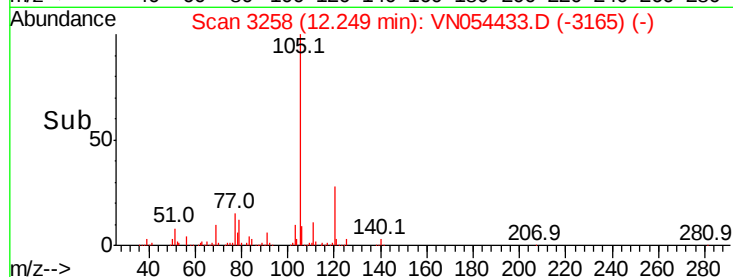
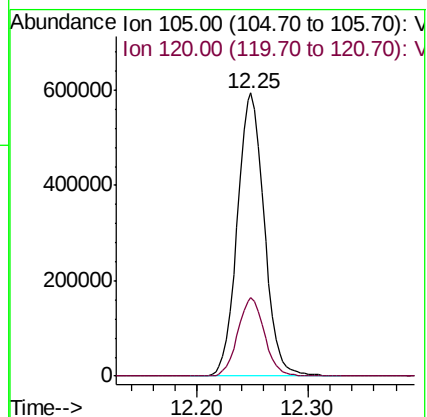
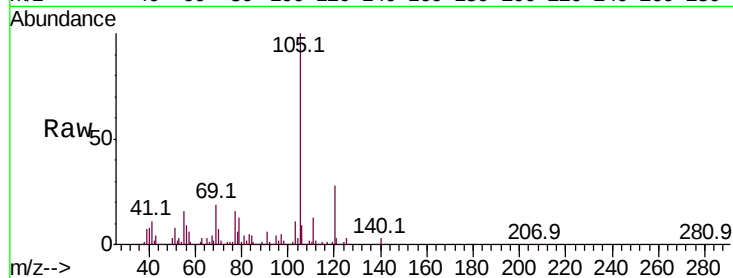
P-5-E.WALL-SOUTH

Tot Ion:105 Resp: 998655

Ion Ratio Lower Upper

105 100

120 27.6 13.8 41.3



#78

n-propylbenzene

Concen: 24.356 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. 0.00 min

Lab File: VN054433.D

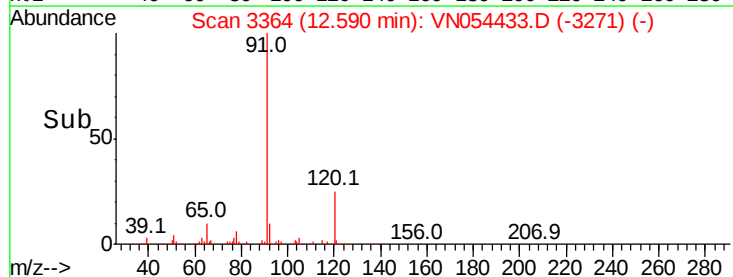
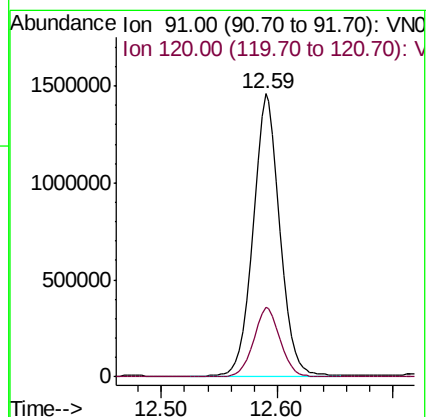
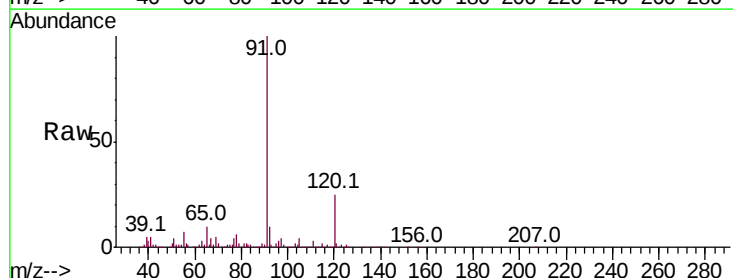
Acq: 19 Mar 2019 11:47

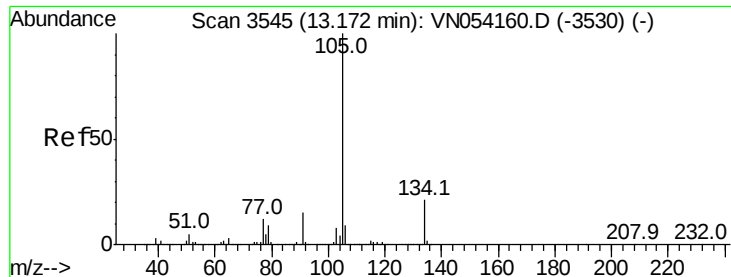
Tgt Ion: 91 Resp: 2335113

Ion Ratio Lower Upper

91 100

120 24.6 12.3 36.9





#85

sec-Butylbenzene

Concen: 31.274 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

Instrument :

MSVOA_N

ClientSampleId :

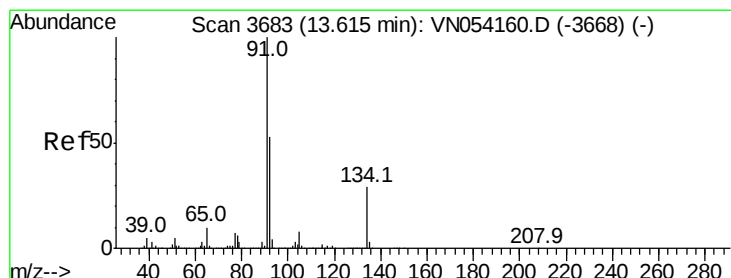
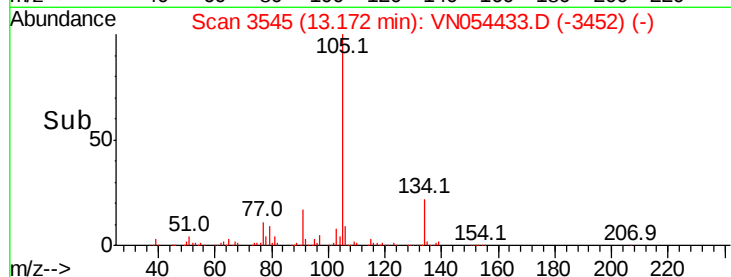
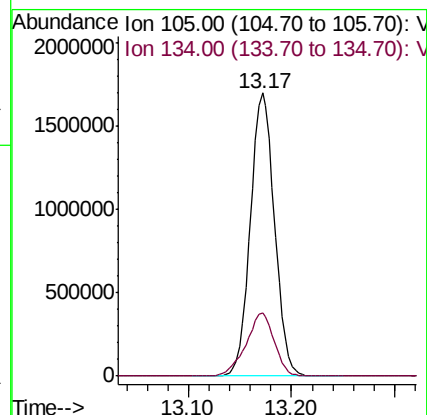
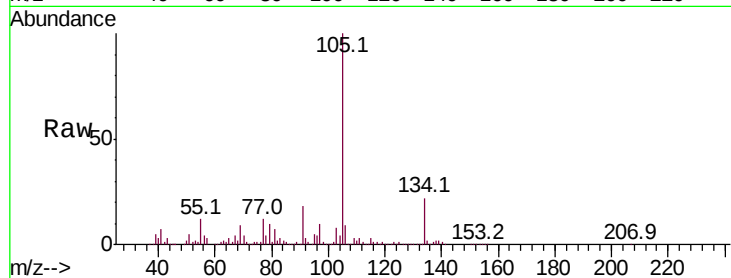
P-5-E.WALL-SOUTH

Tot Ion:105 Resp: 2743745

Ion Ratio Lower Upper

105 100

134 26.2 10.7 32.1



#89

n-Butylbenzene

Concen: 40.810 ug/l

RT: 13.61 min Scan# 3682

Delta R.T. -0.00 min

Lab File: VN054433.D

Acq: 19 Mar 2019 11:47

Tgt Ion: 91 Resp: 2386580

Ion Ratio Lower Upper

91 100

92 48.1 26.2 78.6

134 46.5 14.3 42.9#

