

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050719\
 Data File : VN055438.D
 Acq On : 7 May 2019 15:29
 Operator : JC/SP
 Sample : K2658-19 40X
 Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

Manual Integrations
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Quant Time: May 08 06:55:47 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	455760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	715975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	580400	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	205780	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	290695	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
35) Dibromofluoromethane	7.59	113	225311	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	10.09	98	842589	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	12.40	95	271789	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
Target Compounds						
83) tert-Butylbenzene	12.99	119	41850	0.801	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	297995	20.654	ug/l	99
85) sec-Butylbenzene	13.17	105	306022	17.453	ug/l #	75
86) p-Isopropyltoluene	13.29	119	222690	15.452	ug/l	98
89) n-Butylbenzene	13.61	91	234610m	22.909	ug/l	
95) Naphthalene	15.13	128	7460	4.546	ug/l	99

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

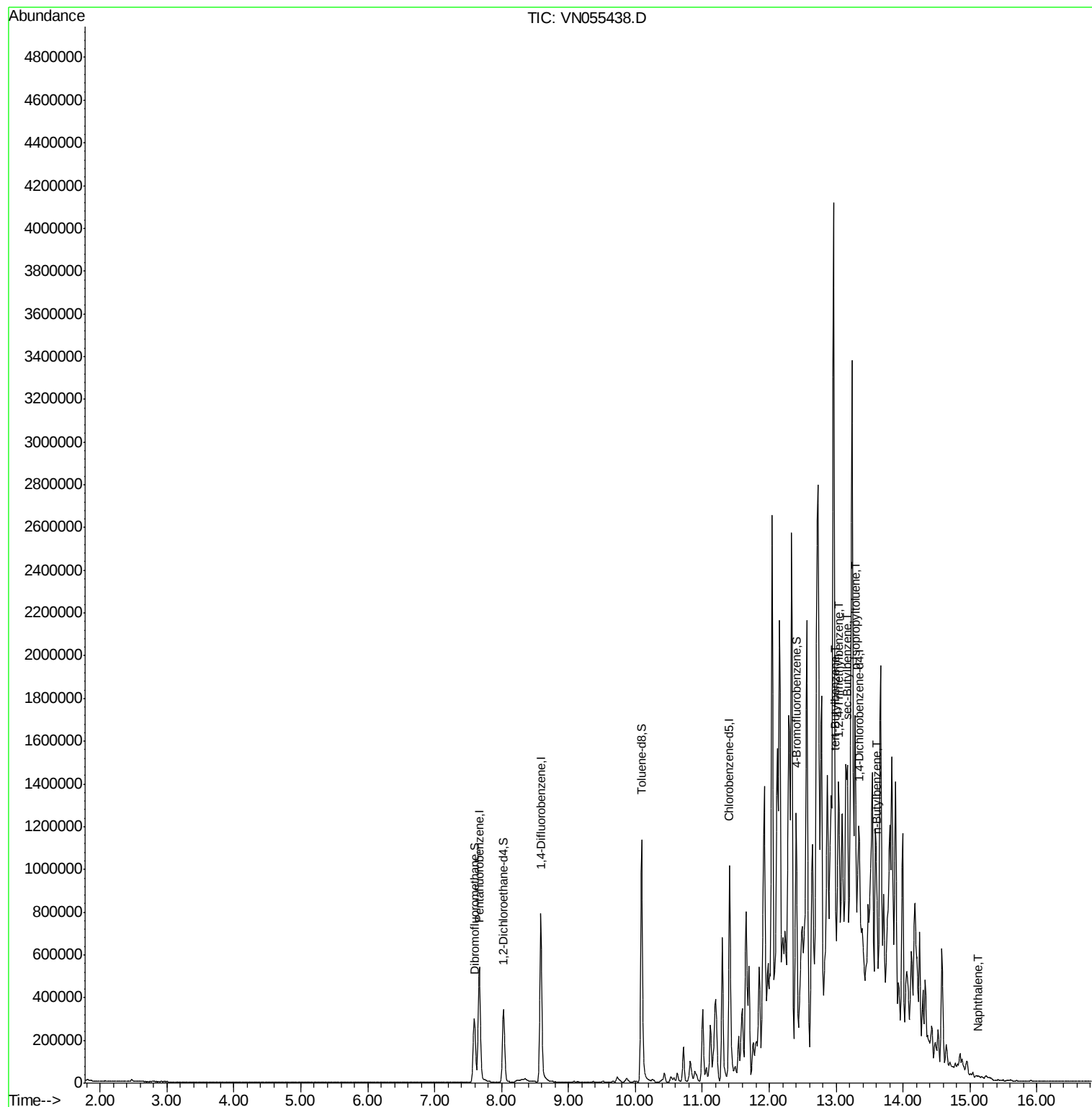
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN050719\
Data File : VN055438.D
Acq On : 7 May 2019 15:29
Operator : JC/SP
Sample : K2658-19 40X
Misc : 5.85g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 11 Sample Multiplier: 1

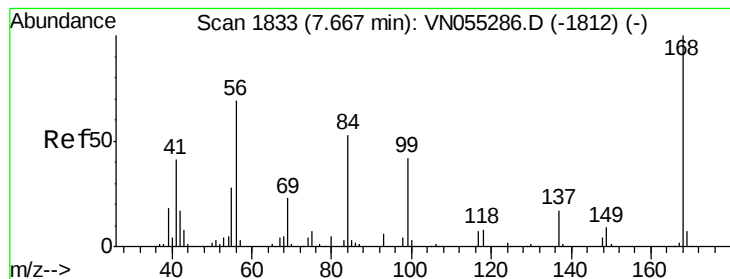
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W5-6(13-17)

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Quant Time: May 08 06:55:47 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:16:52 2019
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: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

Tot Ion:168 Resp: 455760

Ion Ratio Lower Upper

168 100

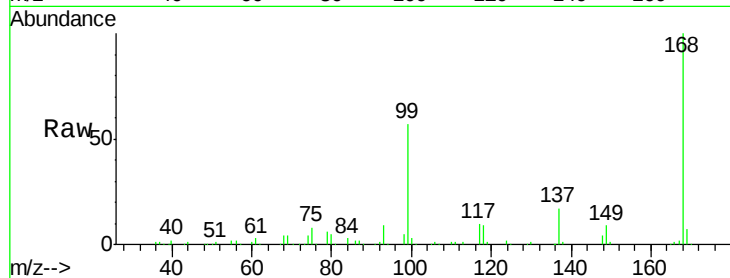
99 57.1 43.6 65.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

200000

150000

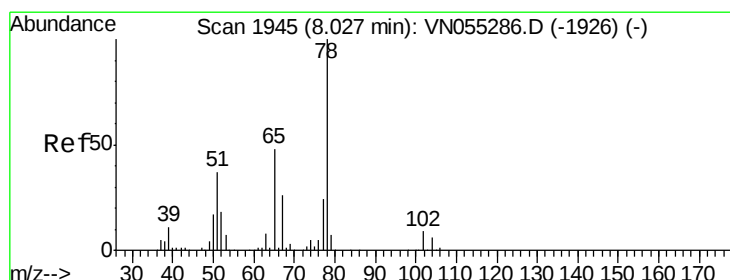
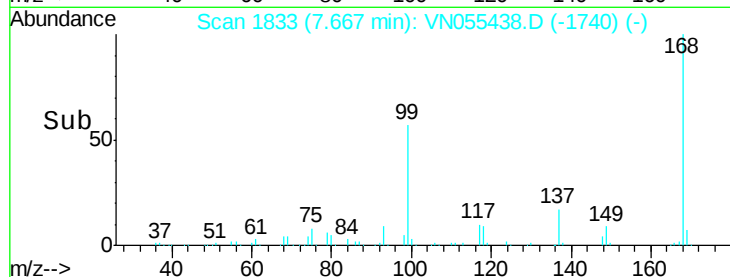
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.755 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055438.D

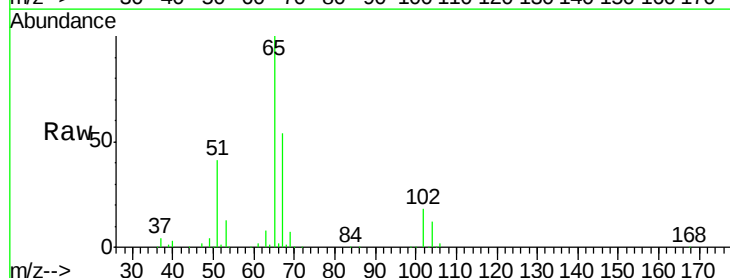
Acq: 7 May 2019 15:29

Tgt Ion: 65 Resp: 290695

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

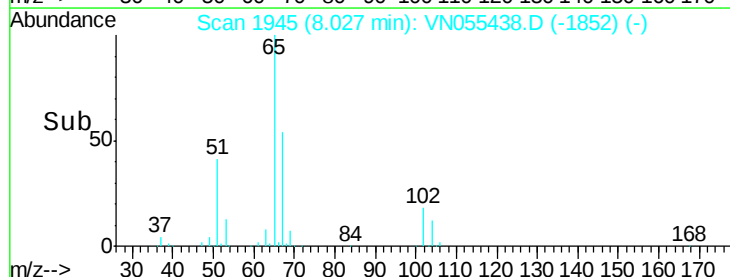
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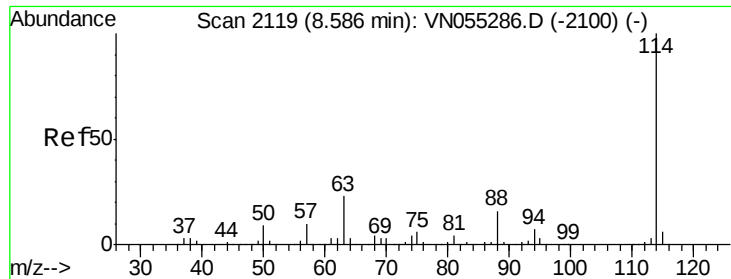
50000

0

7.90 8.00 8.10

Time-->





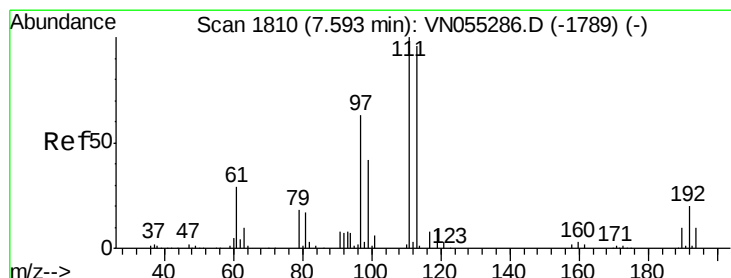
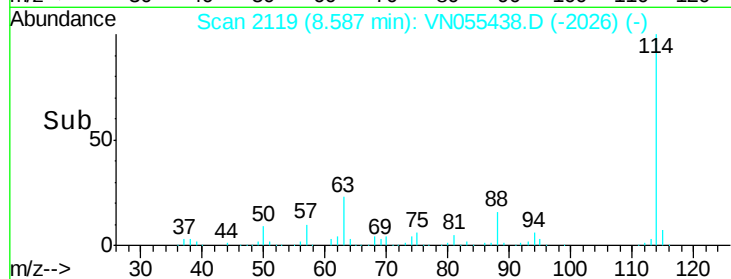
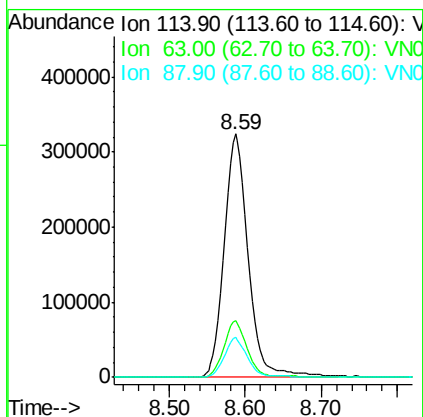
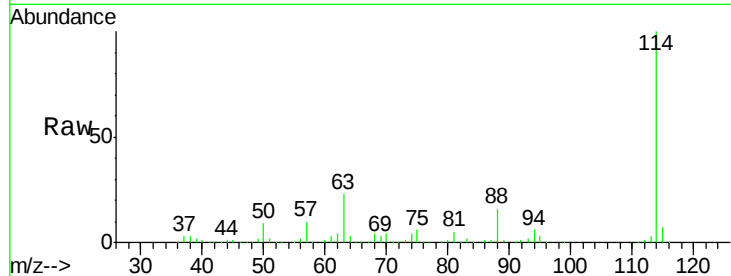
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-W5-6(13-17)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	23.1	0.0	45.2
88	16.3	0.0	31.6

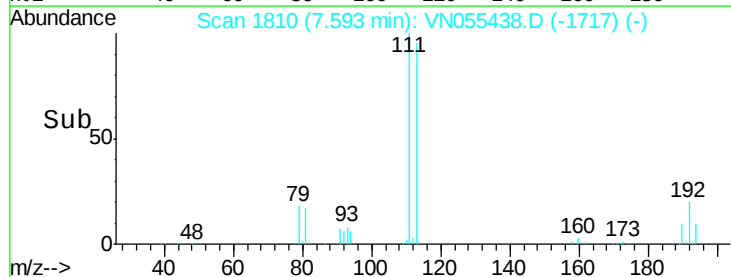
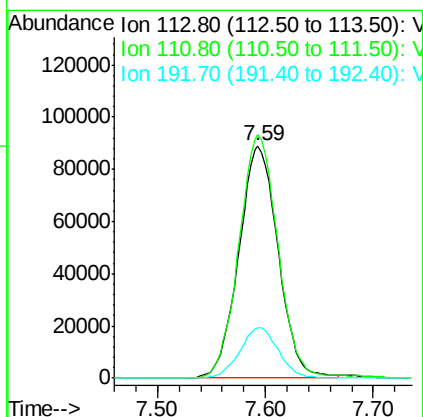
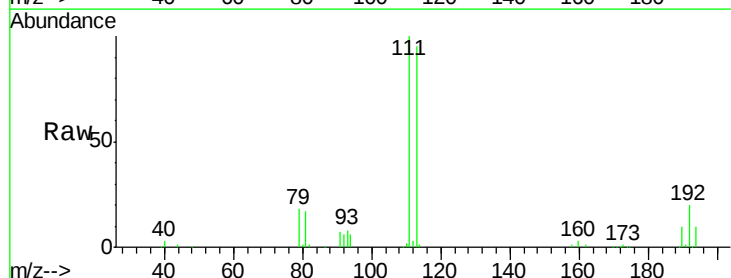
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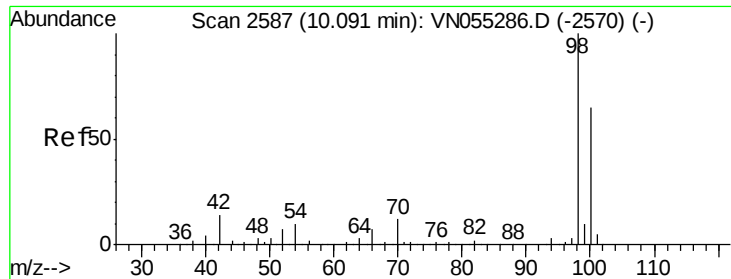
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#35
 Dibromofluoromethane
 Concen: 47.944 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN055438.D
 Acq: 7 May 2019 15:29

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	103.7	82.3	123.5
192	21.2	17.0	25.6





#50

Toluene-d8

Concen: 49.654 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

Tot Ion: 98 Resp: 842589

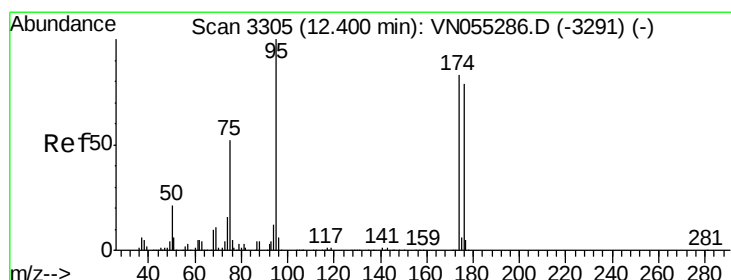
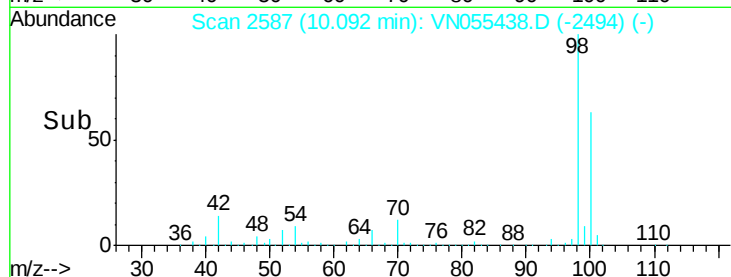
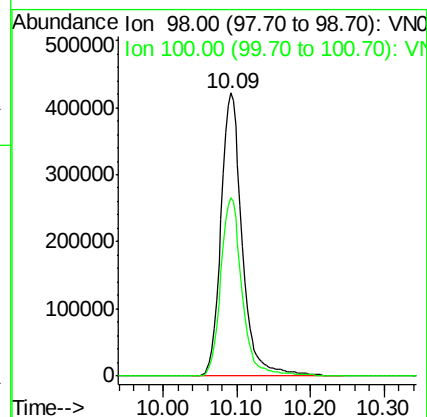
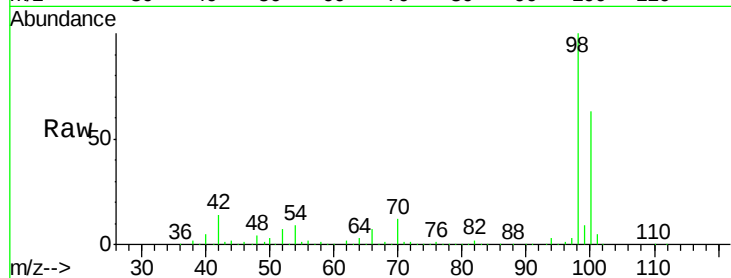
Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5

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#62

4-Bromofluorobenzene

Concen: 51.248 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

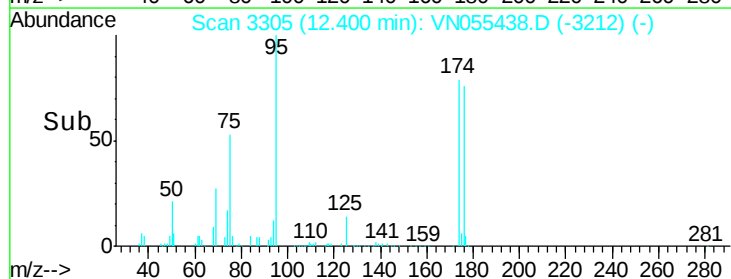
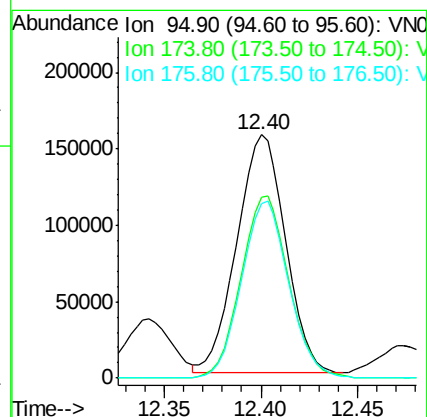
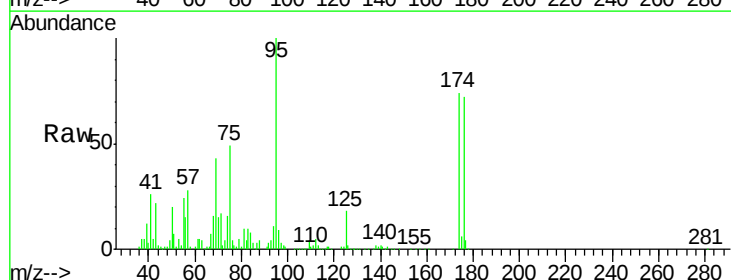
Tgt Ion: 95 Resp: 271789

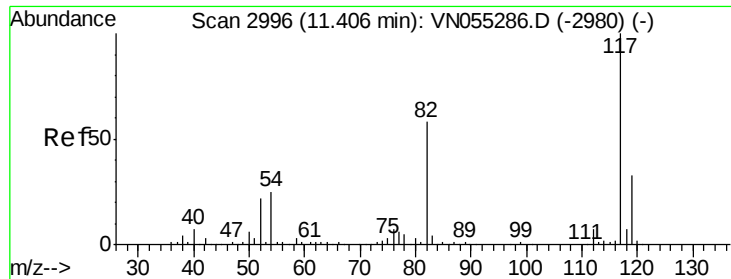
Ion Ratio Lower Upper

95 100

174 75.5 0.0 166.6

176 72.6 0.0 157.8





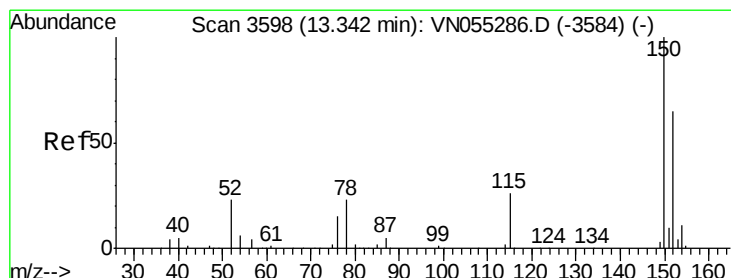
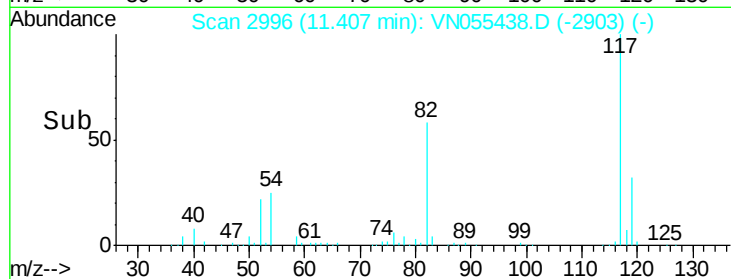
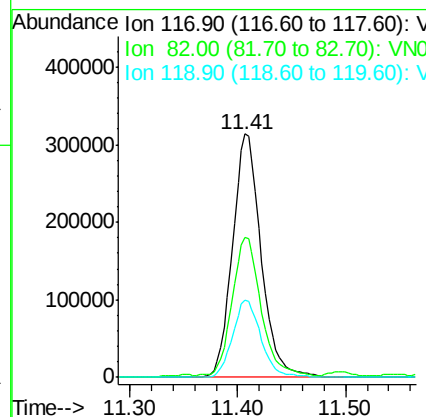
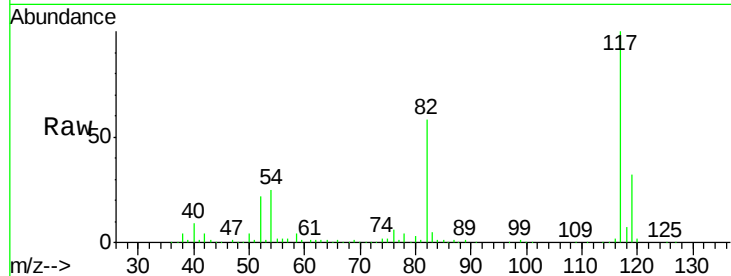
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W5-6(13-17)

Tot Ion	Ratio	Resp	Lower	Upper
117	100	580400		
82	56.8	46.2	69.4	
119	31.9	26.6	40.0	

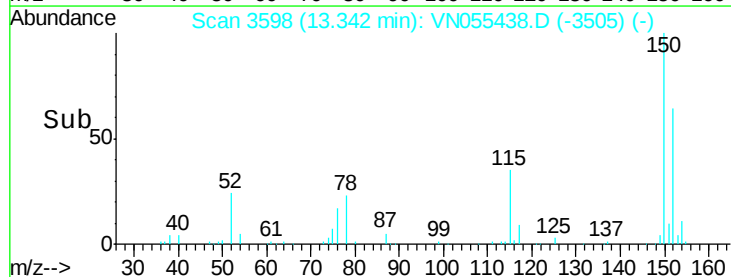
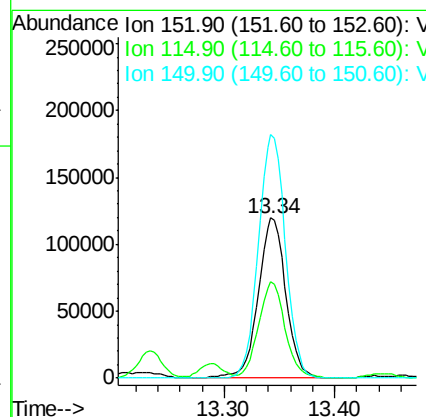
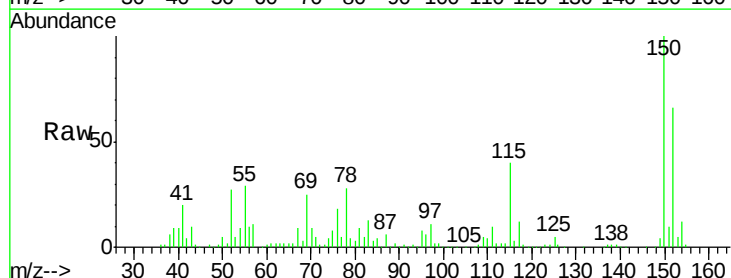
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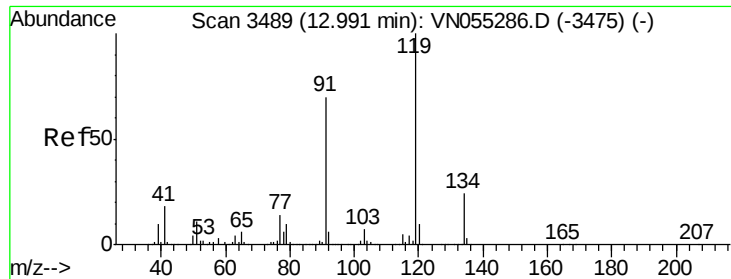
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	205780		
115	58.1	29.0	87.0	
150	149.5	0.0	345.6	





#83

tert-Butylbenzene

Concen: 0.801 ug/l

RT: 12.99 min Scan# 3489

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

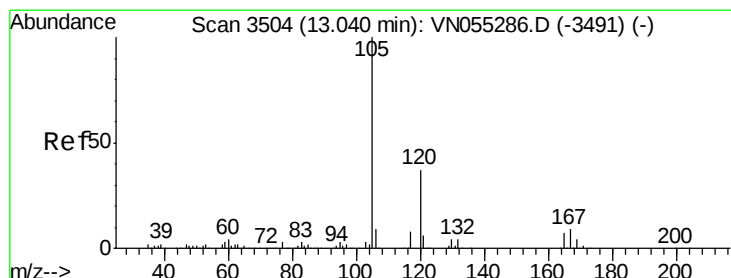
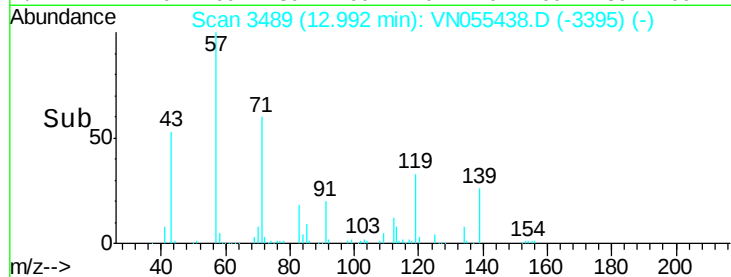
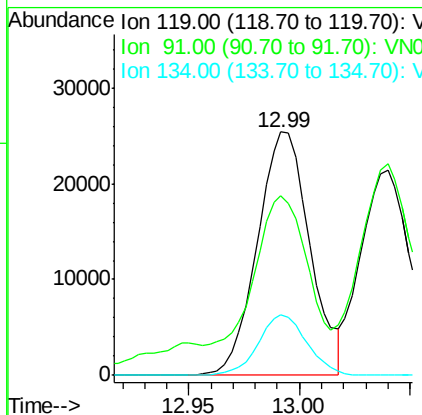
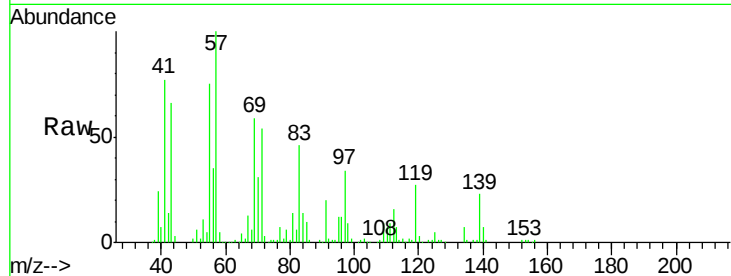
ClientSampleId :

EP1-SB-W5-6(13-17)

Tot Ion:	119	Resp:	41850
Ion Ratio	Lower	Upper	
119	100		
91	67.2	34.3	102.9
134	22.9	13.1	39.3

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#84

1,2,4-Trimethylbenzene

Concen: 20.654 ug/l

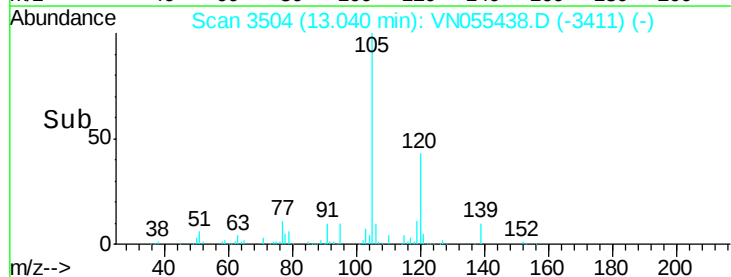
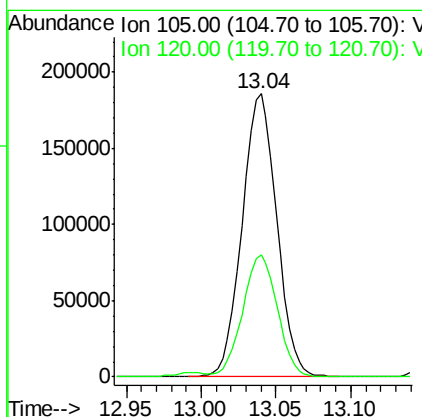
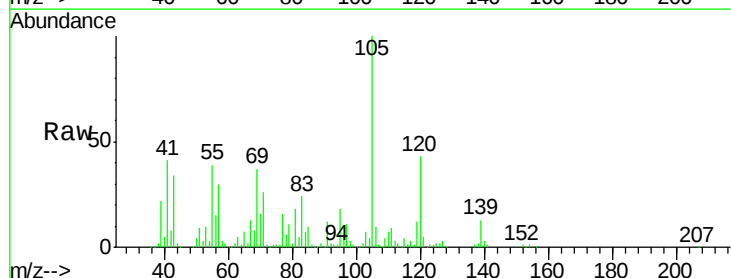
RT: 13.04 min Scan# 3504

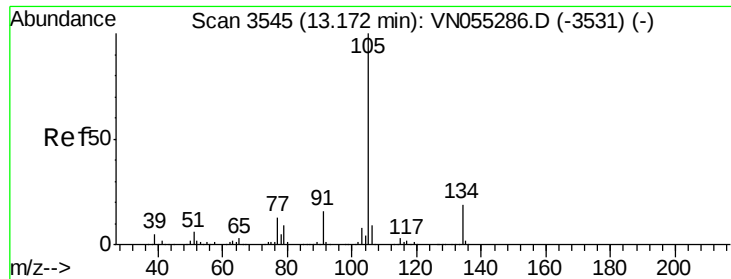
Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Tgt Ion:	105	Resp:	297995
Ion Ratio	Lower	Upper	
105	100		
120	43.5	22.1	66.5





#85

sec-Butylbenzene

Concen: 17.453 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-W5-6(13-17)

Tot Ion:105 Resp: 306022

Ion Ratio Lower Upper

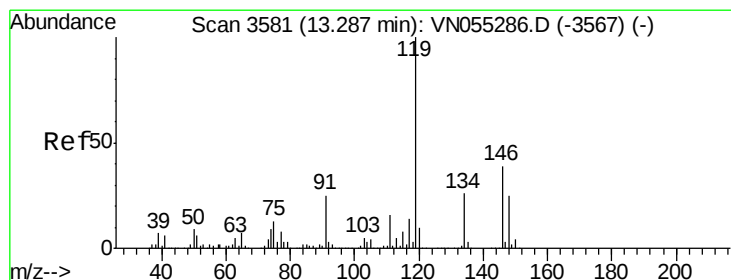
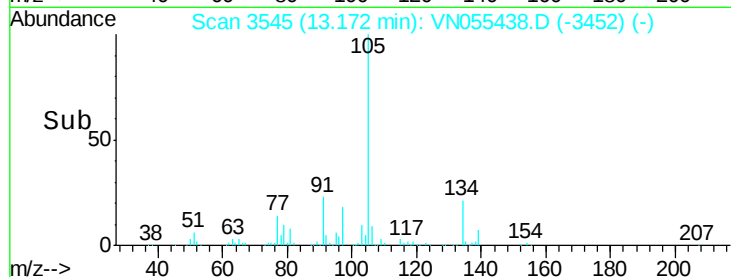
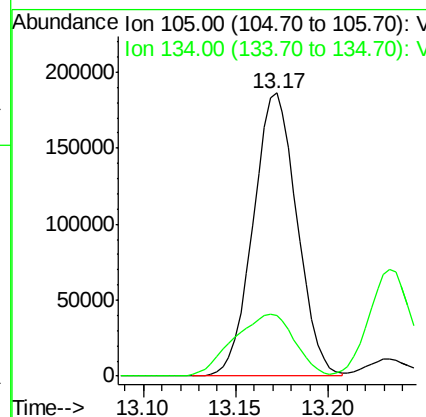
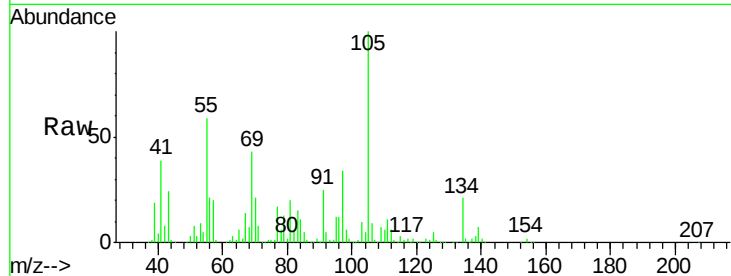
105 100

134 30.5 9.6 28.8#

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5/8/2019 10:22:04 AM



#86

p-Isopropyltoluene

Concen: 15.452 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN055438.D

Acq: 7 May 2019 15:29

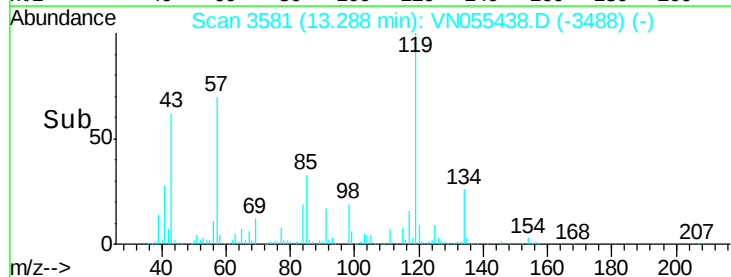
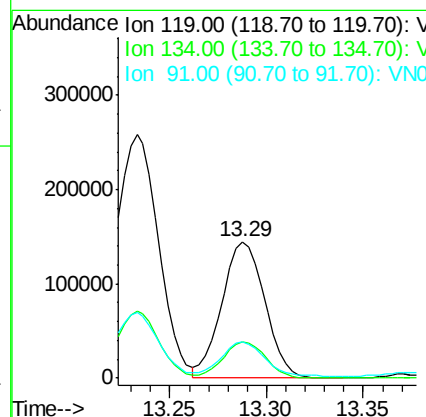
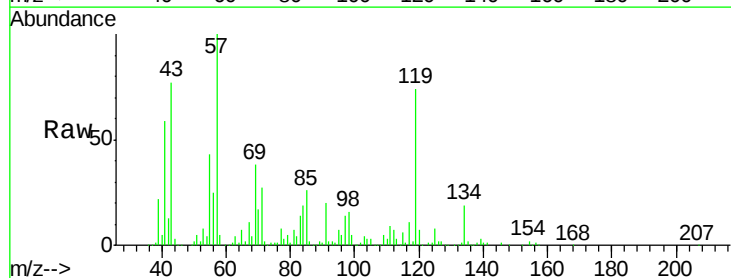
Tgt Ion:119 Resp: 222690

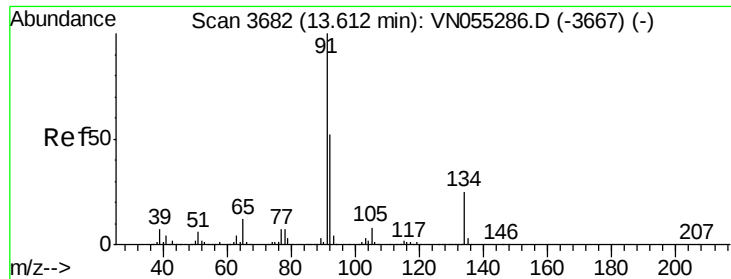
Ion Ratio Lower Upper

119 100

134 26.6 13.0 38.9

91 25.7 12.2 36.6





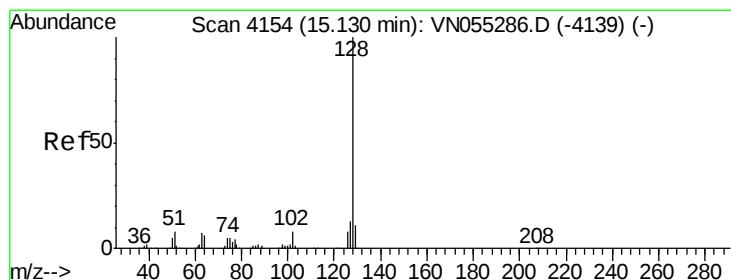
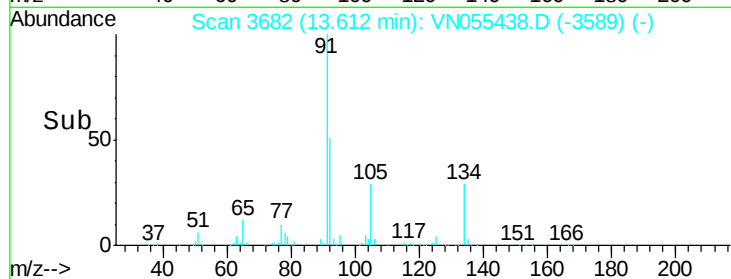
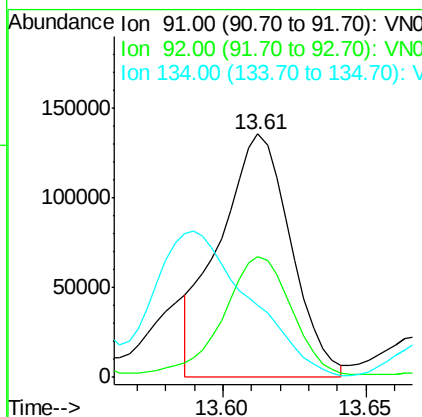
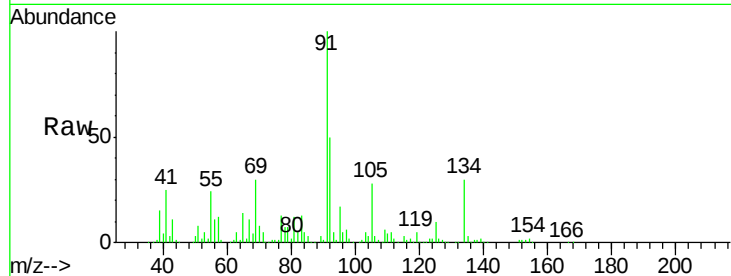
#89
n-Butylbenzene
Concen: 22.909 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-W5-6(13-17)

Tot Ion	Ratio	Lower	Upper
91	100		
92	46.1	26.1	78.3
134	0.0	12.4	37.4#

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5/8/2019 10:22:04 AM



#95
Naphthalene
Concen: 4.546 ug/l
RT: 15.13 min Scan# 4154
Delta R.T. 0.00 min
Lab File: VN055438.D
Acq: 7 May 2019 15:29

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.0	8.6	13.0

