

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051749.D
 Acq On : 9 Oct 2018 14:07
 Operator : MD\SY
 Sample : J5330-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-WW01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:09:25 AM

Quant Time: Oct 10 10:09:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 05 11:11:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	108672	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	620643	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	510203	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	219583	29.11	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.03%
60) 4-Bromofluorobenzene	12.40	95	200793	25.79	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	85.97%
63) Toluene-d8	10.09	98	716874	31.65	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.50%

Target Compounds

					Ovalue
15) Acetone	3.82	58	17326	44.357	ug/l 93
74) n-propylbenzene	12.59	91	57263	1.688	ug/l 99
79) tert-butylbenzene	12.99	119	93837	3.990	ug/l 97
80) 1,2,4-Trimethylbenzene	13.04	105	5556385	213.615	ug/l 98
81) sec-Butylbenzene	13.17	105	122441	3.892	ug/l 74
82) p-Isopropyltoluene	13.29	119	502361	18.124	ug/l 97
85) n-Butylbenzene	13.60	91	64045m	2.923	ug/l
91) Naphthalene	15.13	128	28729	2.342	ug/l # 96

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

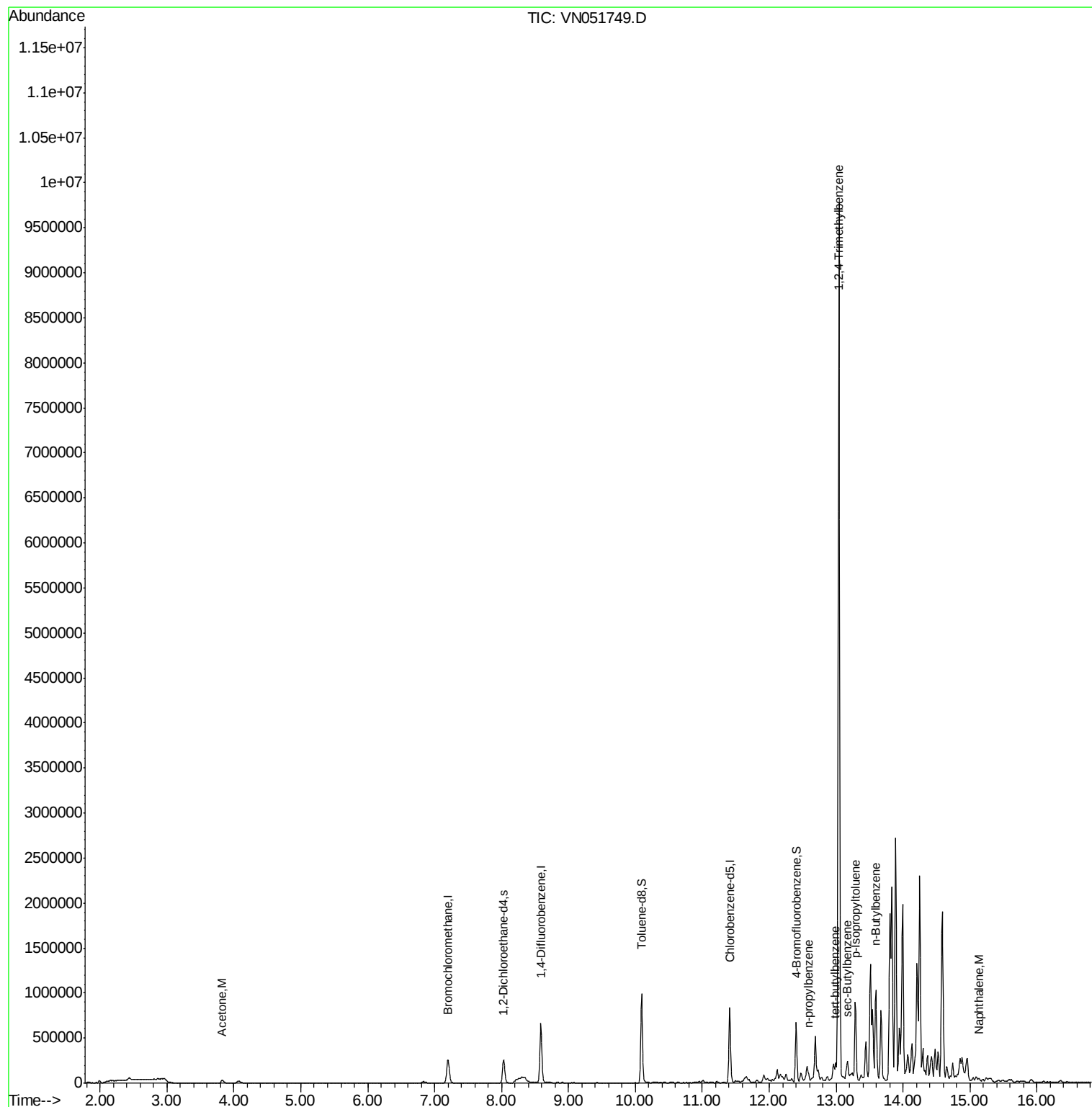
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
Data File : VN051749.D
Acq On : 9 Oct 2018 14:07
Operator : MD\SY
Sample : J5330-01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 28

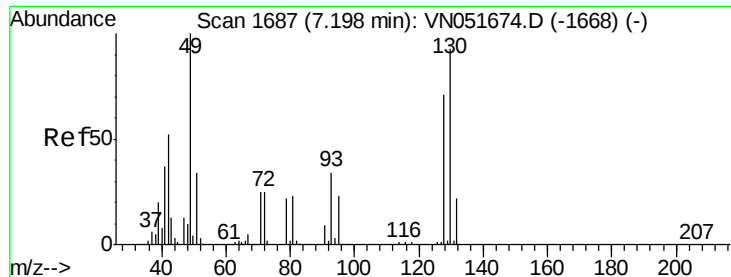
Instrument :
MSVOA_N
ClientSampleId :
EP1-WW01

Manual Integrations
APPROVED

MMDadoda
10/10/2018 10:09:25 AM

Quant Time: Oct 10 10:09:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100518W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 05 11:11:26 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051749.D

Acq: 9 Oct 2018 14:07

Instrument :

MSVOA_N

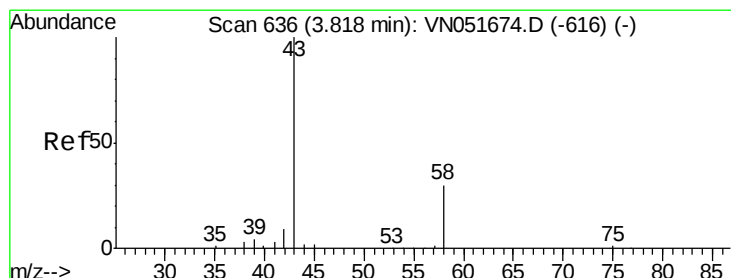
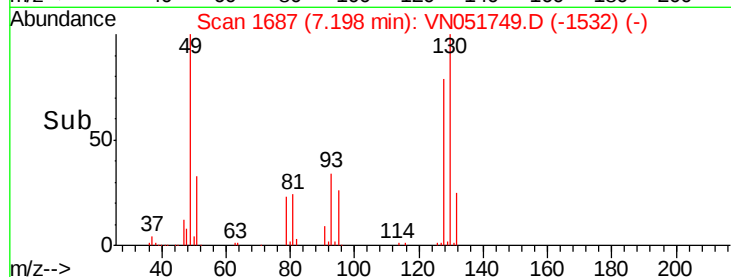
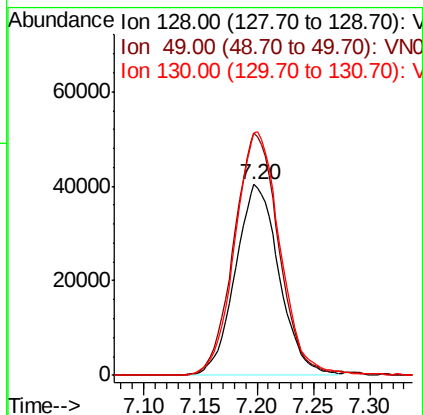
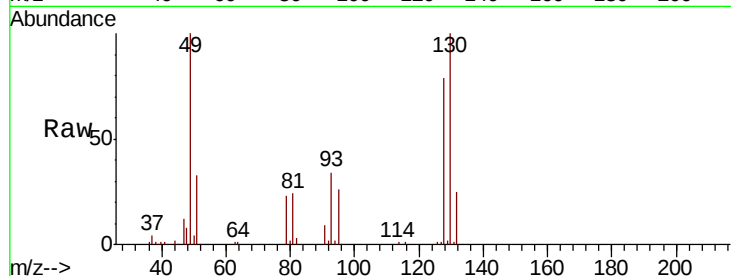
ClientSampleId :

EP1-WW01

Tot Ion:	128	Resp:	108672
Ion	Ratio	Lower	Upper
128	100		
49	129.1	0.0	403.3
130	130.7	0.0	326.0

Manual Integrations
APPROVED

MMDadoda
10/10/2018 10:09:25 AM



#15

Acetone

Concen: 44.357 ug/l

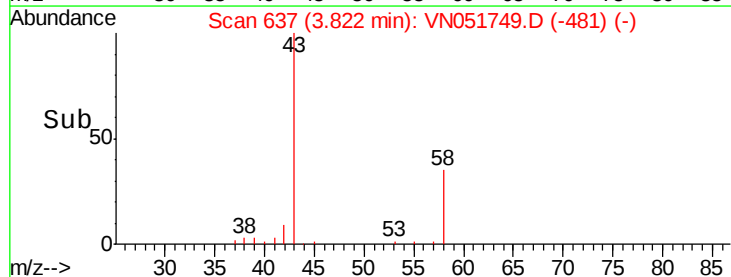
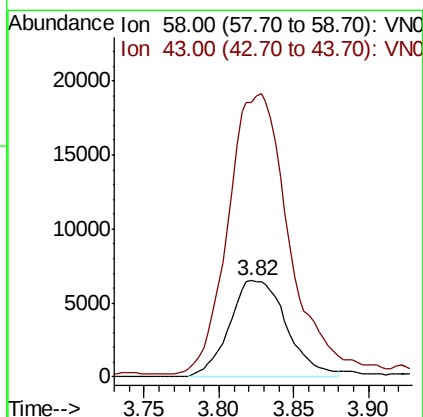
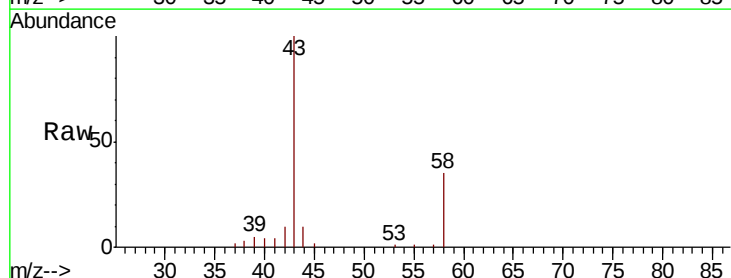
RT: 3.82 min Scan# 637

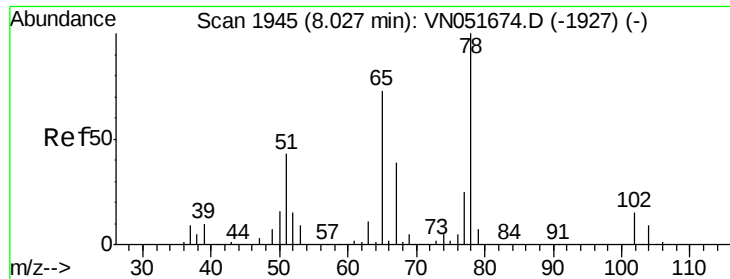
Delta R.T. 0.00 min

Lab File: VN051749.D

Acq: 9 Oct 2018 14:07

Tgt Ion:	58	Resp:	17326
Ion	Ratio	Lower	Upper
58	100		
43	276.5	232.2	348.2





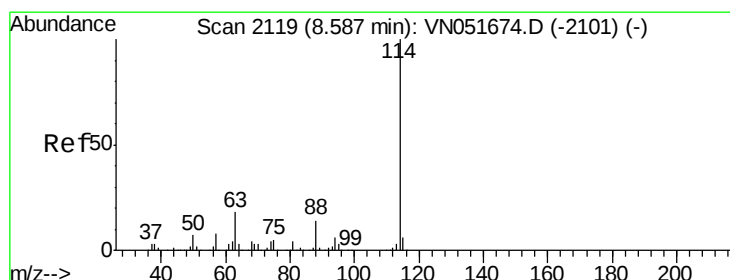
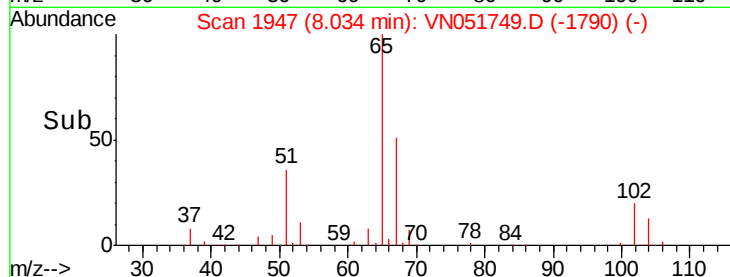
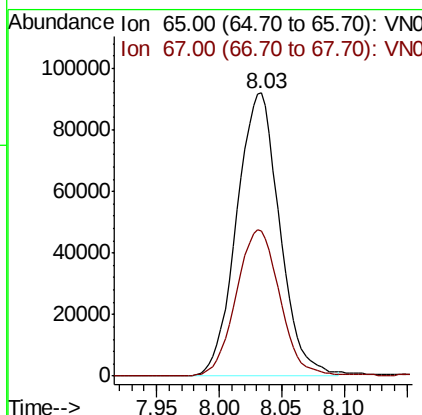
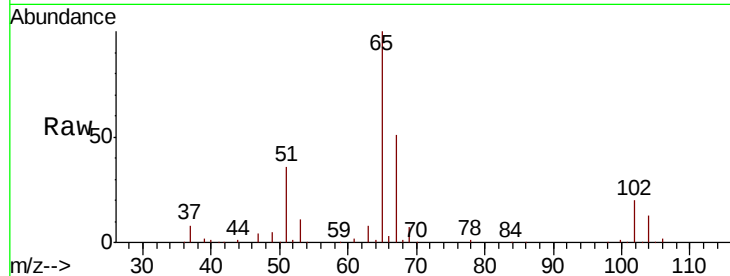
#27
 1,2-Dichloroethane-d4
 Concen: Below ug/l
 RT: 8.03 min Scan# 1947
 Delta R.T. 0.01 min
 Lab File: VN051749.D
 Acq: 9 Oct 2018 14:07

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-WW01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	219583		
67	52.4		41.8	62.8

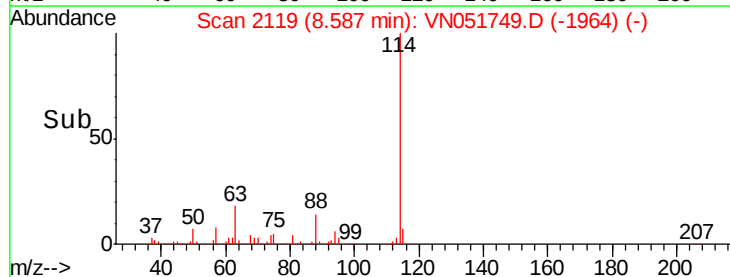
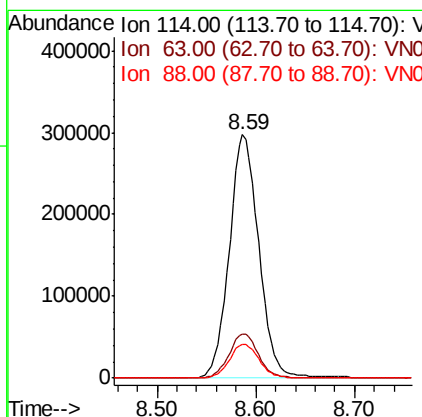
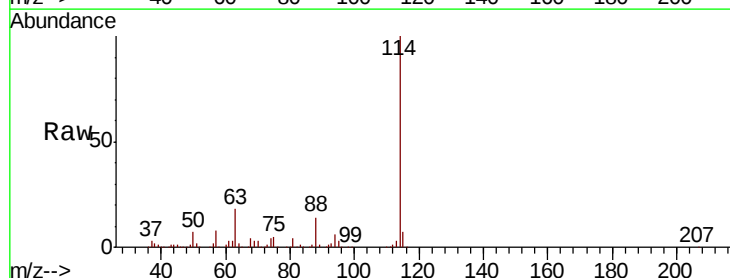
Manual Integrations
 APPROVED

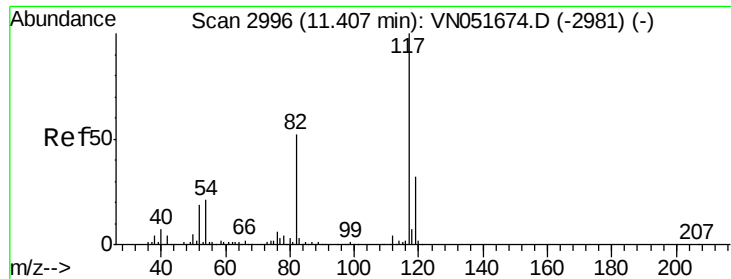
MMDadoda
 10/10/2018 10:09:25 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051749.D
 Acq: 9 Oct 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	620643		
63	18.1		16.2	24.2
88	14.2		12.2	18.4





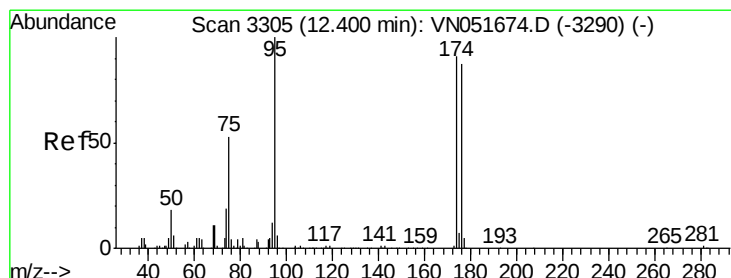
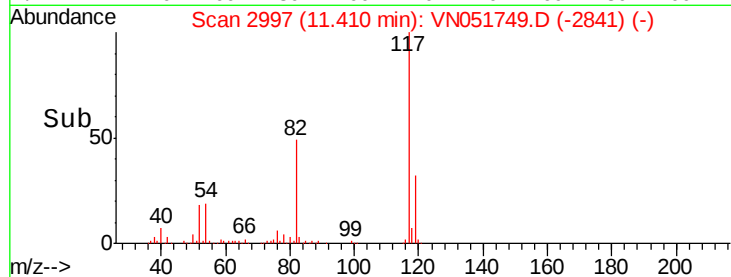
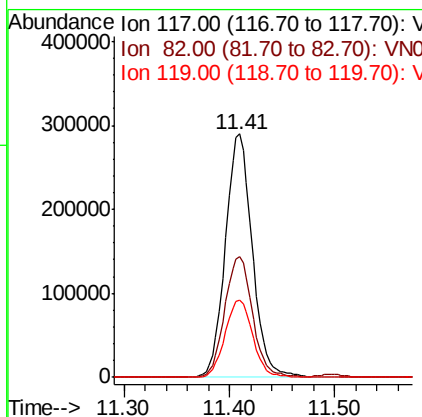
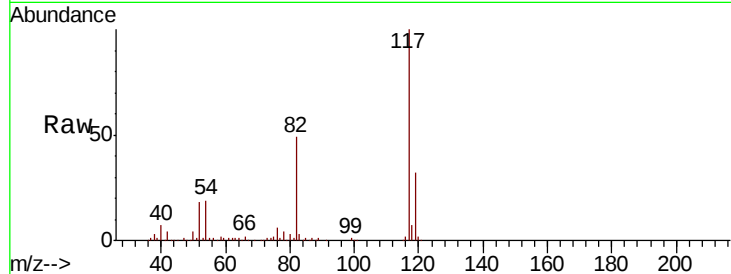
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-WW01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	510203		
82	51.2		44.1	66.1
119	32.8		25.8	38.8

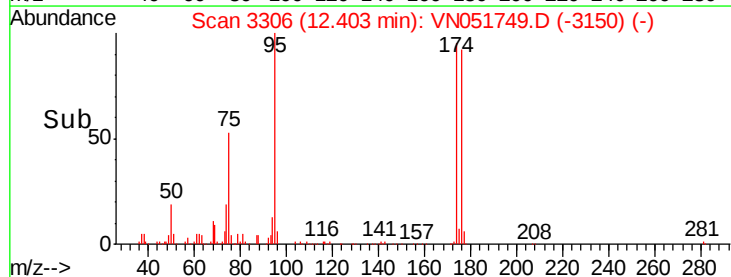
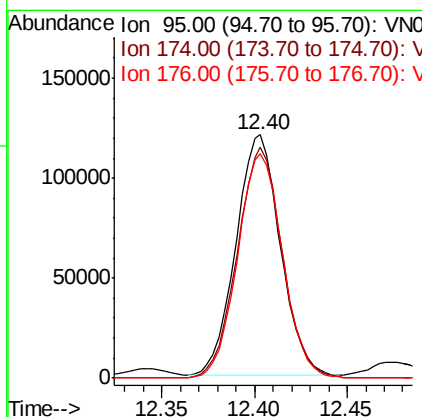
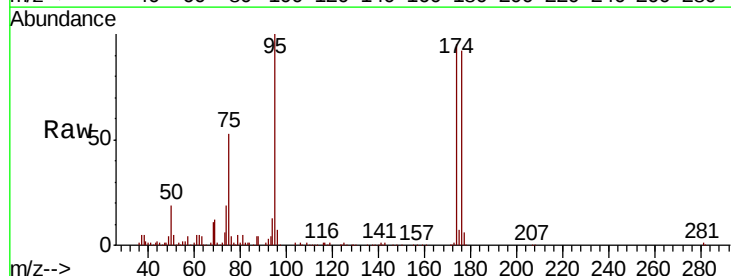
Manual Integrations
APPROVED

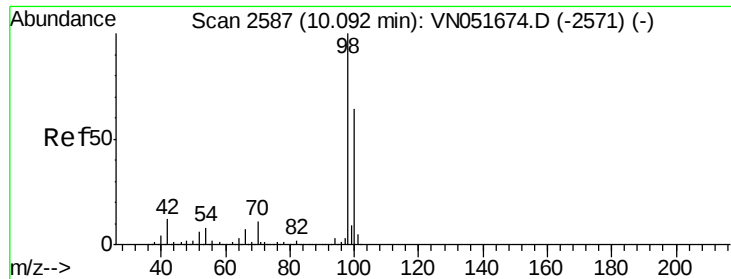
MMDadoda
10/10/2018 10:09:25 AM



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	200793		
174	97.0		73.5	110.3
176	94.5		70.2	105.2





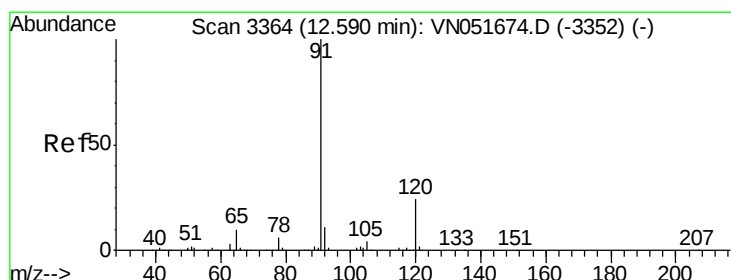
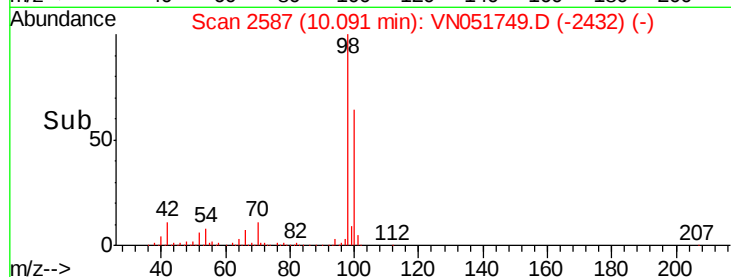
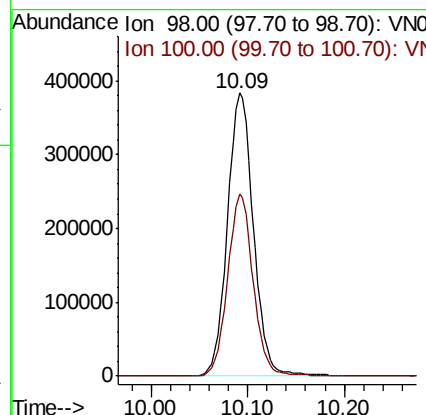
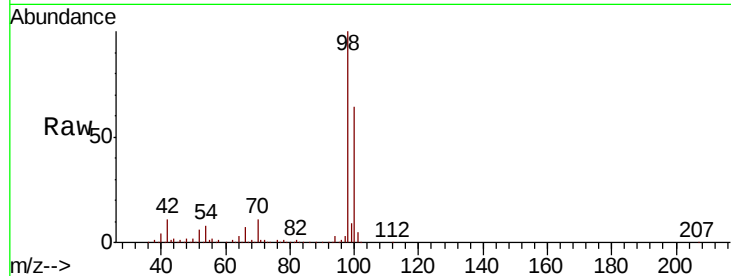
#63
Toluene-d8
Concen: Below ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Instrument :
MSVOA_N
ClientSampleId :
EP1-WW01

Tot Ion: 98 Resp: 716874
Ion Ratio Lower Upper
98 100
100 63.0 50.8 76.2

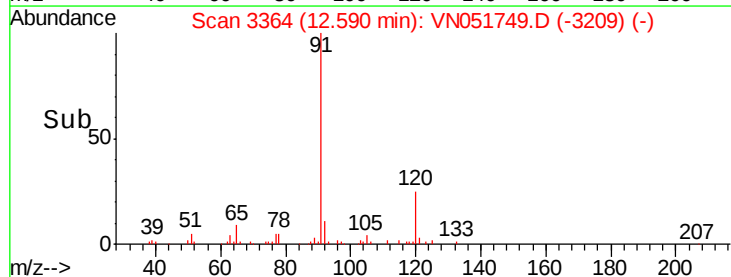
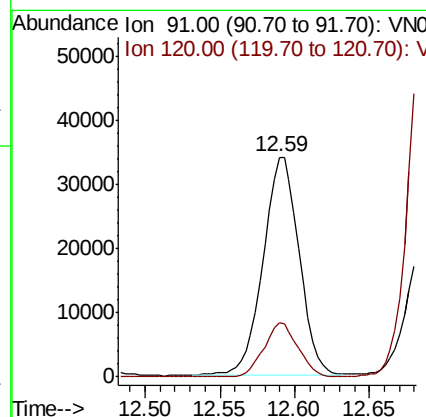
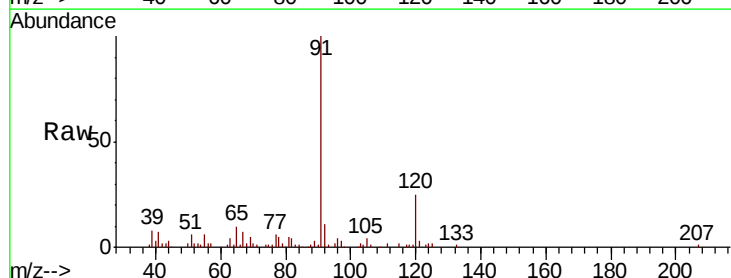
Manual Integrations
APPROVED

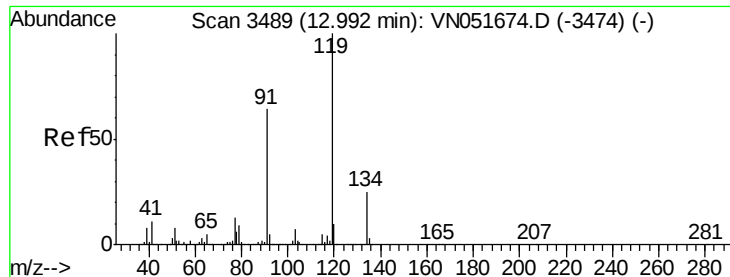
MMDadoda
10/10/2018 10:09:25 AM



#74
n-propylbenzene
Concen: 1.688 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. -0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Tgt Ion: 91 Resp: 57263
Ion Ratio Lower Upper
91 100
120 23.1 0.0 45.0





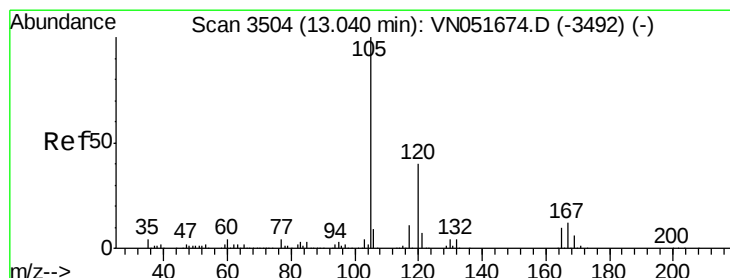
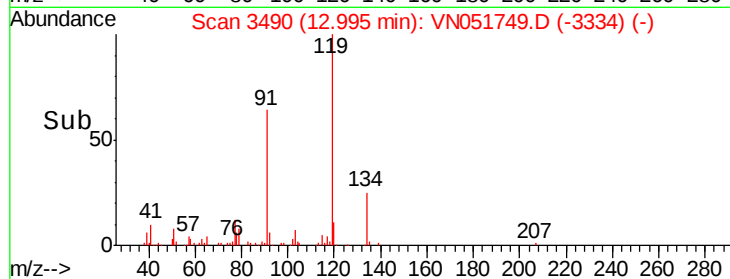
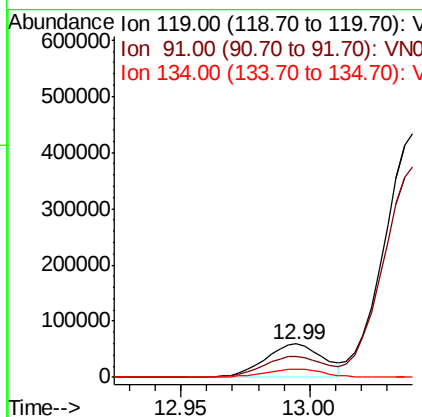
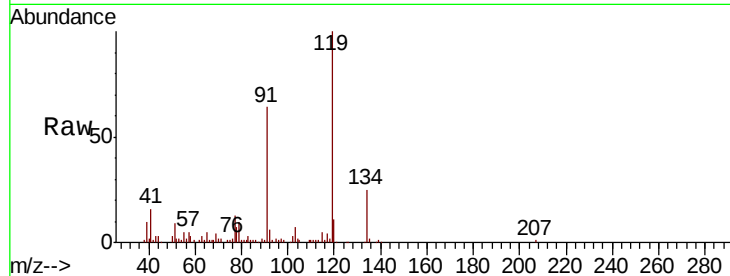
#79
tert-butylbenzene
Concen: 3.990 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. 0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Instrument :
MSVOA_N
ClientSampled :
EP1-WW01

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.8	0.0	131.6
134	24.4	0.0	46.2

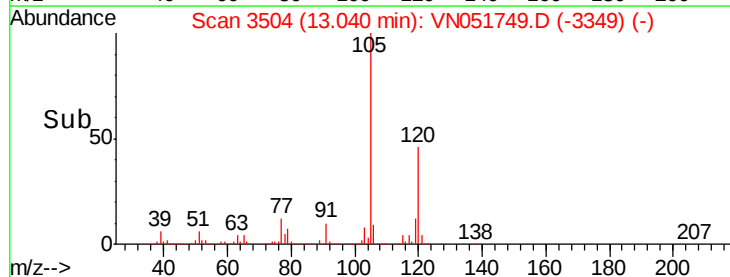
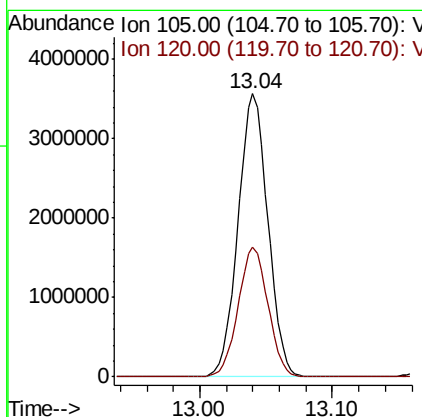
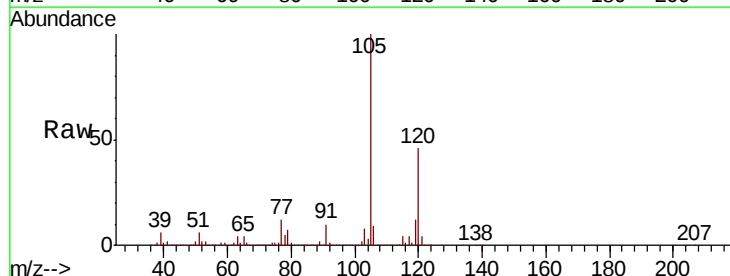
Manual Integrations
APPROVED

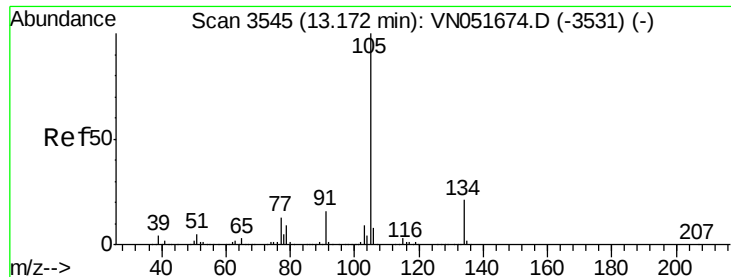
MMDadoda
10/10/2018 10:09:25 AM



#80
1,2,4-Trimethylbenzene
Concen: 213.615 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.0	0.0	89.6





#81

sec-Butylbenzene

Concen: 3.892 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN051749.D

Acq: 9 Oct 2018 14:07

Instrument :

MSVOA_N

ClientSampleId :

EP1-WW01

Tot Ion:105 Resp: 122441

Ion Ratio Lower Upper

105 100

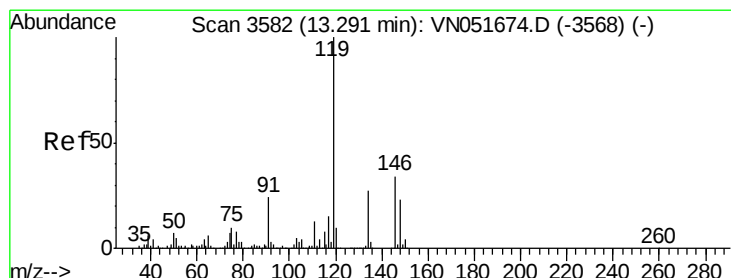
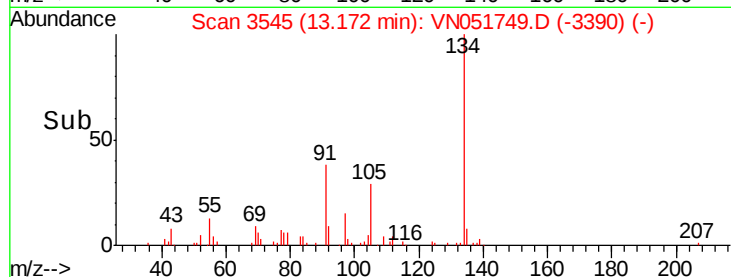
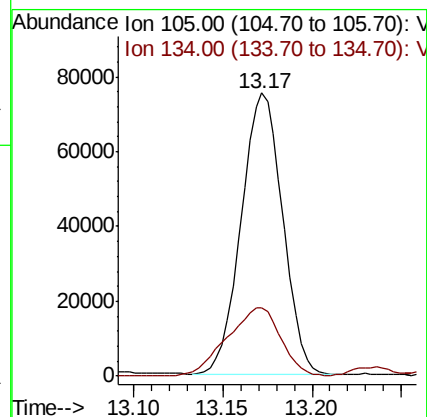
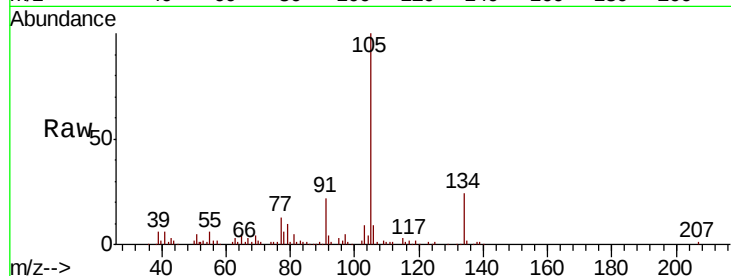
134 31.4 0.0 39.4

Manual Integrations

APPROVED

MMDadoda

10/10/2018 10:09:25 AM



#82

p-Isopropyltoluene

Concen: 18.124 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN051749.D

Acq: 9 Oct 2018 14:07

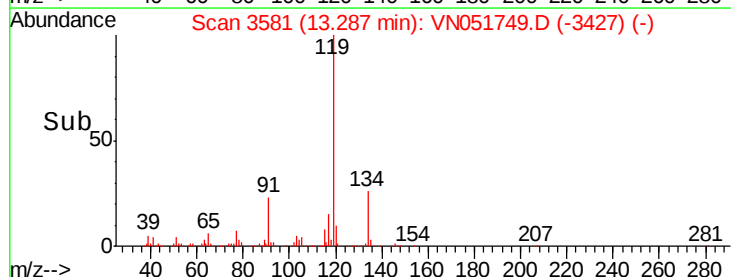
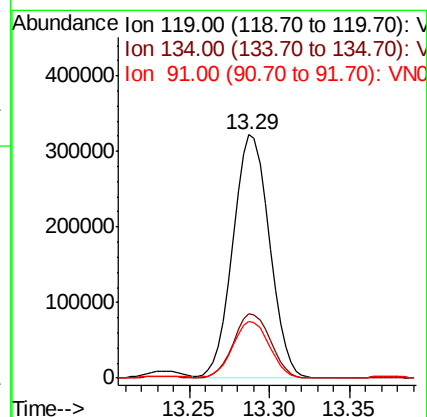
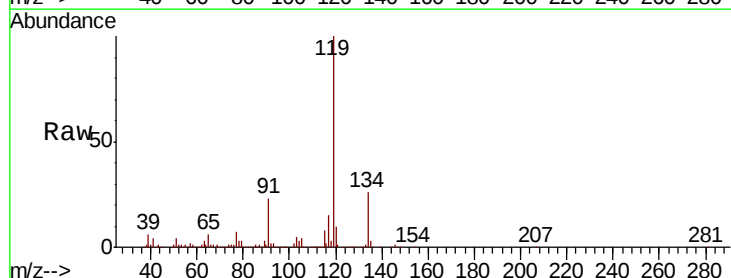
Tgt Ion:119 Resp: 502361

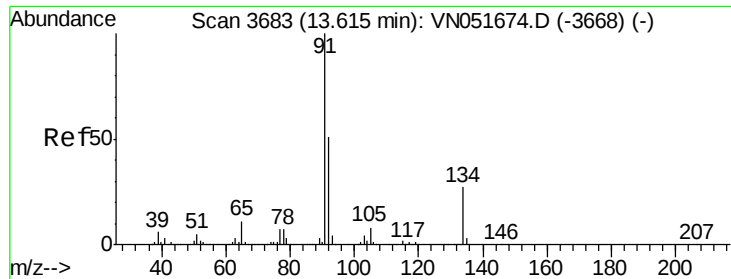
Ion Ratio Lower Upper

119 100

134 26.9 0.0 53.6

91 23.4 0.0 52.0





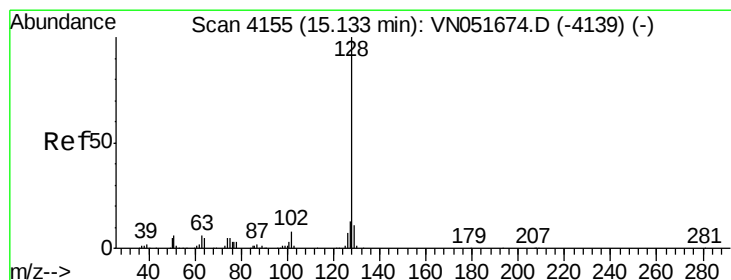
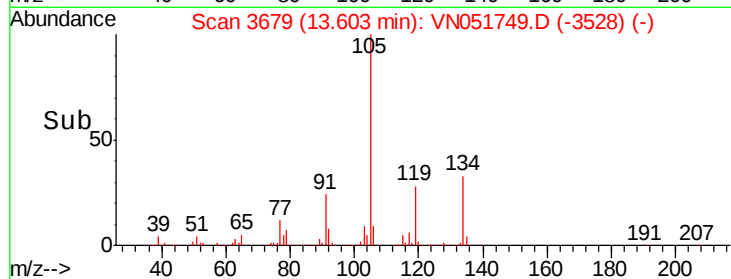
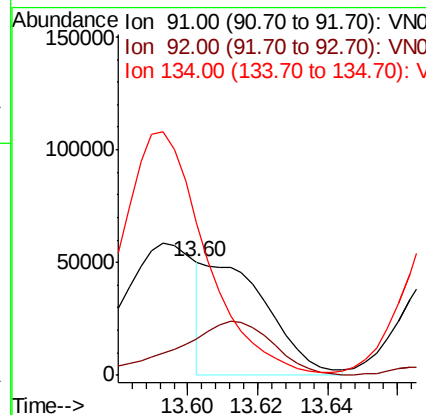
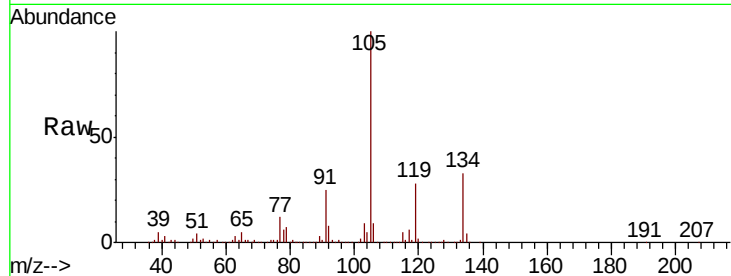
#85
n-Butylbenzene
Concen: 2.923 ug/l m
RT: 13.60 min Scan# 3679
Delta R.T. -0.01 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Instrument :
MSVOA_N
ClientSampled :
EP1-WW01

Tot Ion	Ratio	Resp	Lower	Upper
91	100	64045		
92	4.1	0.0	97.4	
134	2.3	0.0	49.6	

Manual Integrations
APPROVED

MMDadoda
10/10/2018 10:09:25 AM



#91
Naphthalene
Concen: 2.342 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051749.D
Acq: 9 Oct 2018 14:07

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	28729		
127	12.5	10.1	15.1	
129	7.7	8.4	12.6	

