

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055370.D
 Acq On : 3 May 2019 1:32
 Operator : JC/SP
 Sample : K2658-08 10X
 Misc : 5.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 1:08:21 PM

Quant Time: May 03 10:02:02 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	7.66	168	440630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	724661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	614545	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	299354	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	287811	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	7.59	113	228061	47.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.90%	
50) Toluene-d8	10.09	98	829878	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.40	95	476978	88.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	177.72%	
Target Compounds						
73) Isopropylbenzene	12.26	105	2374933	103.061	ug/l #	67
78) n-propylbenzene	12.59	91	1971680	64.120	ug/l	99
83) tert-Butylbenzene	13.00	119	479177m	27.539	ug/l	
85) sec-Butylbenzene	13.17	105	1206662m	47.305	ug/l	
86) p-Isopropyltoluene	13.33	119	1274558m	60.794	ug/l	
89) n-Butylbenzene	13.61	91	870091m	58.405	ug/l	

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

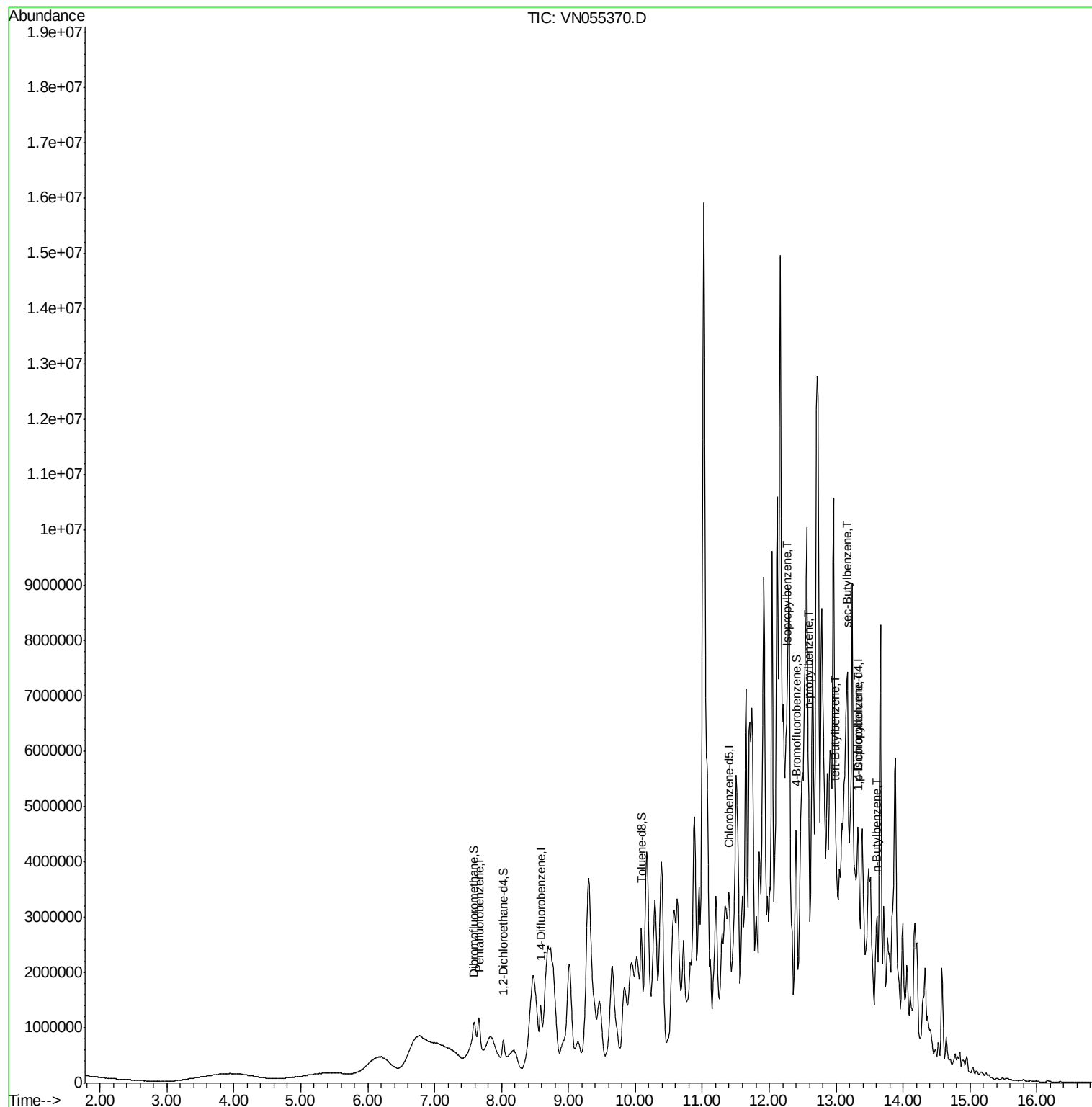
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
Data File : VN055370.D
Acq On : 3 May 2019 1:32
Operator : JC/SP
Sample : K2658-08 10X
Misc : 5.17g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 10 Sample Multiplier: 1

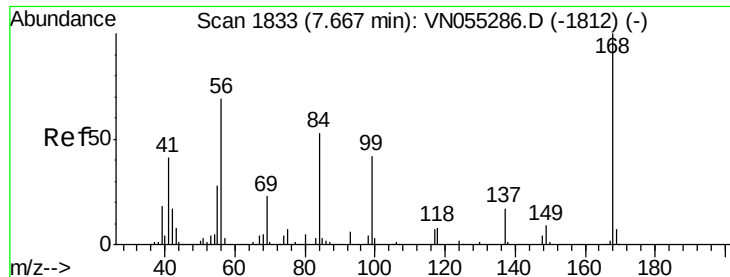
Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

Manual Integrations
APPROVED

MMDadoda
5/3/2019 1:08:21 PM

Quant Time: May 03 10:02:02 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055370.D

Acq: 3 May 2019 1:32

Instrument :

MSVOA_N

ClientSampleId :

EP1-SB-E3-4(17-20)

Tgt Ion: 168 Resp: 440630

Ion Ratio Lower Upper

168 100

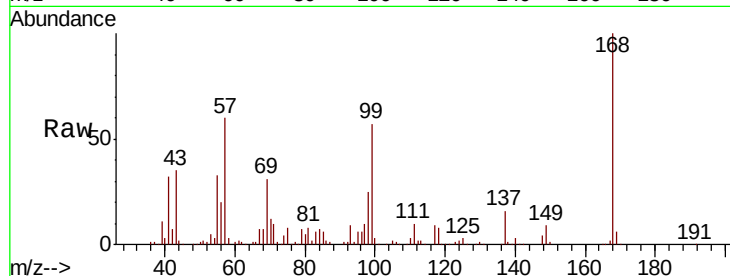
99 56.3 43.6 65.4

Manual Integrations

APPROVED

MMDadoda

5/3/2019 1:08:21 PM



Abundance Ion 167.90 (167.60 to 168.60): VN055286.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN055286.D (-1812) (-)

7.66

200000

150000

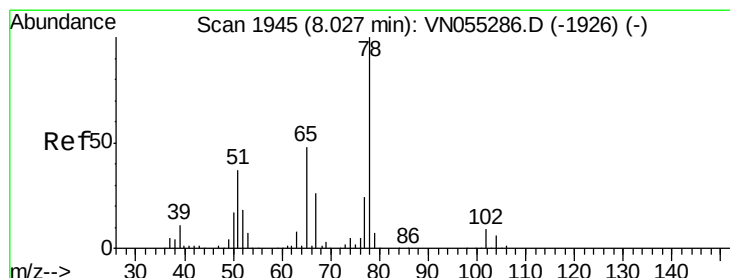
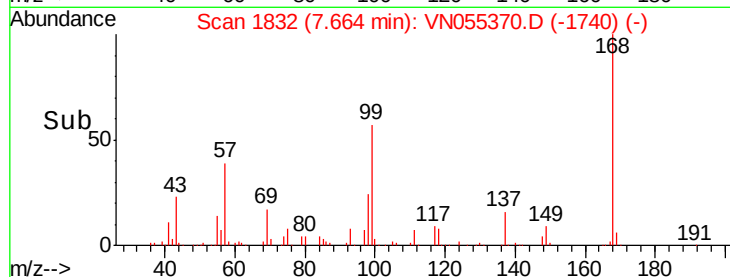
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.929 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055370.D

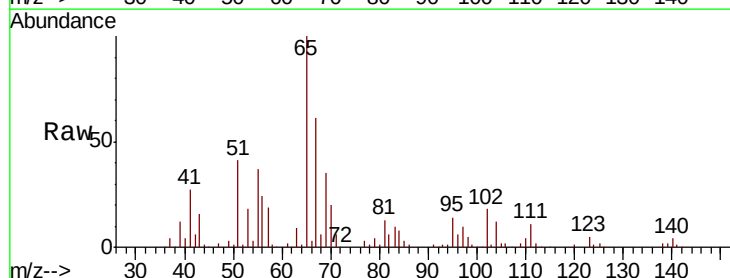
Acq: 3 May 2019 1:32

Tgt Ion: 65 Resp: 287811

Ion Ratio Lower Upper

65 100

67 54.1 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VN055286.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN055286.D (-1926) (-)

8.03

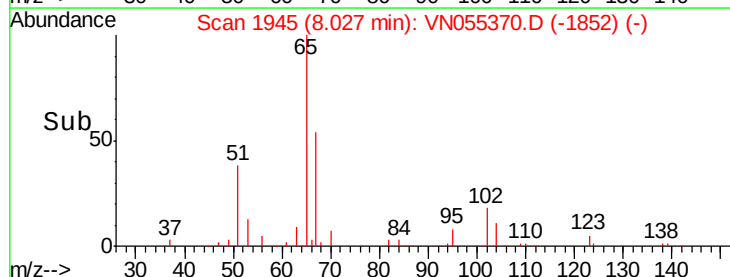
100000

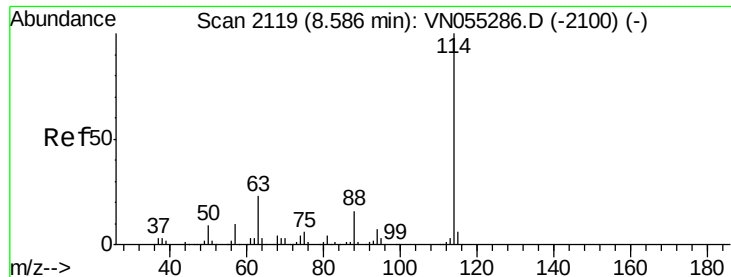
50000

0

7.95 8.00 8.05 8.10

Time-->





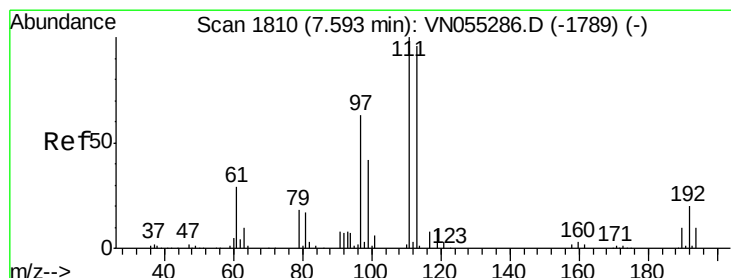
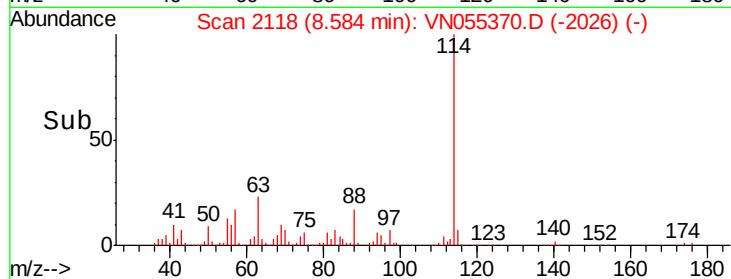
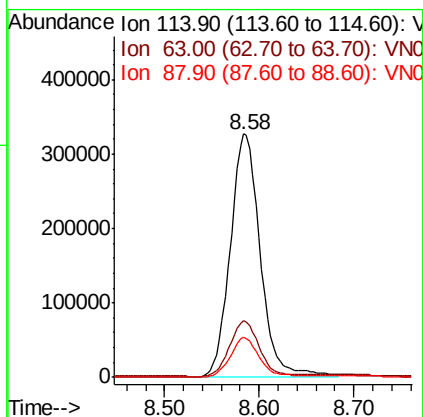
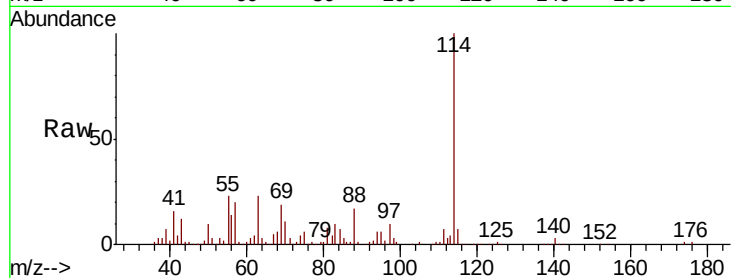
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN055370.D
 Acq: 3 May 2019 1:32

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-SB-E3-4(17-20)

Tgt Ion	Ratio	Resp Lower	Resp Upper
114	100		
63	22.8	0.0	45.2
88	16.6	0.0	31.6

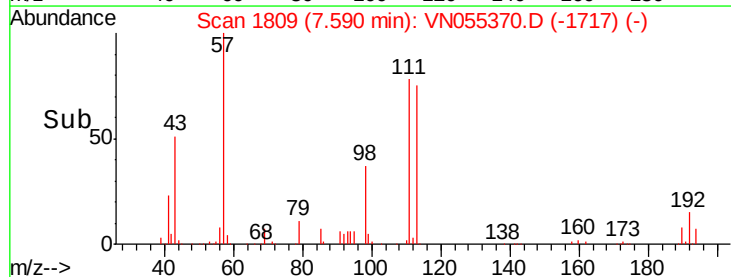
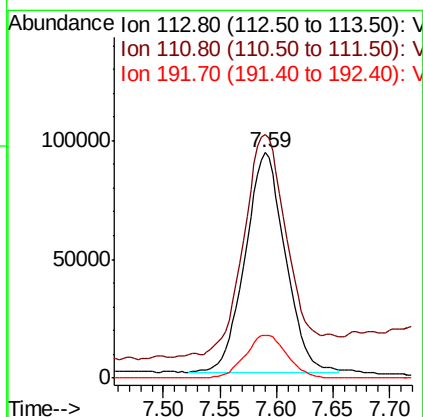
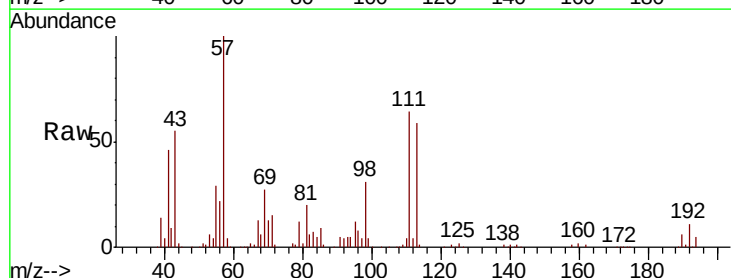
Manual Integrations
 APPROVED

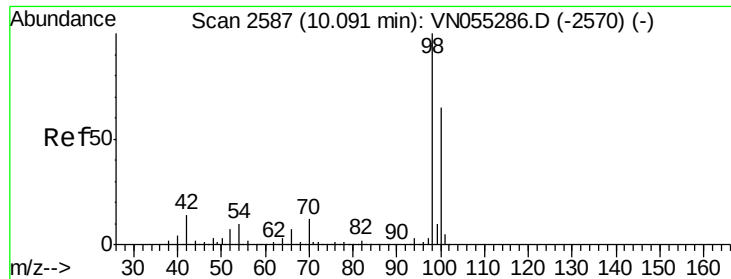
MMDadoda
 5/3/2019 1:08:21 PM



#35
 Dibromofluoromethane
 Concen: 47.948 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055370.D
 Acq: 3 May 2019 1:32

Tgt Ion	Ratio	Resp Lower	Resp Upper
113	100		
111	106.8	82.3	123.5
192	20.5	17.0	25.6





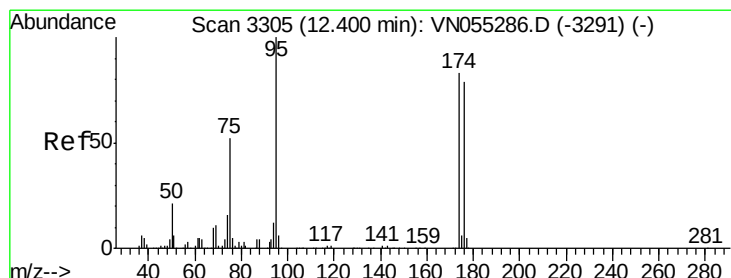
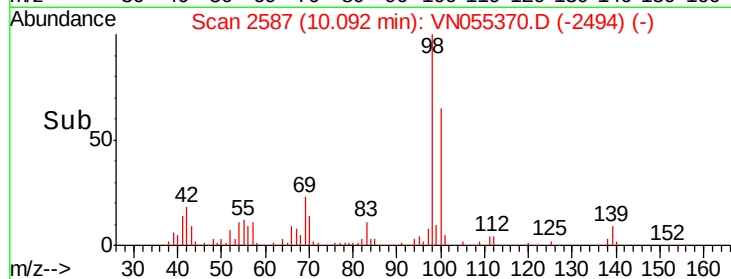
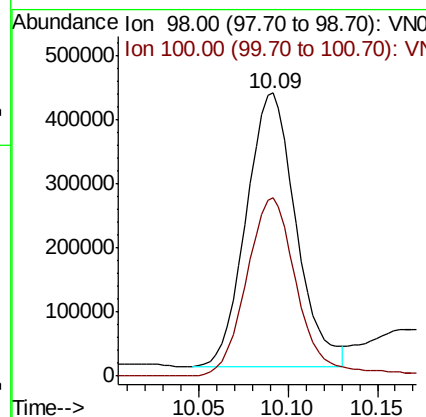
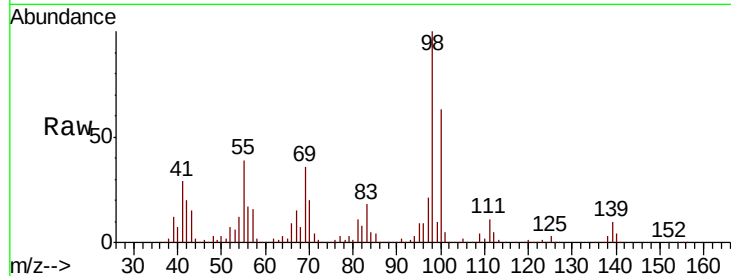
#50
Toluene-d8
Concen: 48.319 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

Tgt Ion: 98 Resp: 829878
Ion Ratio Lower Upper
98 100
100 67.8 51.7 77.5

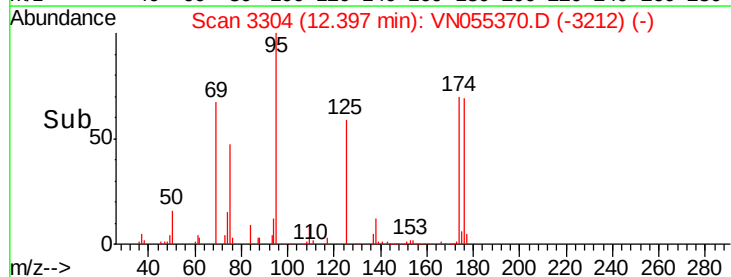
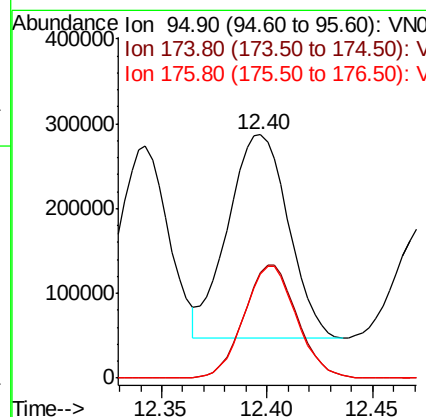
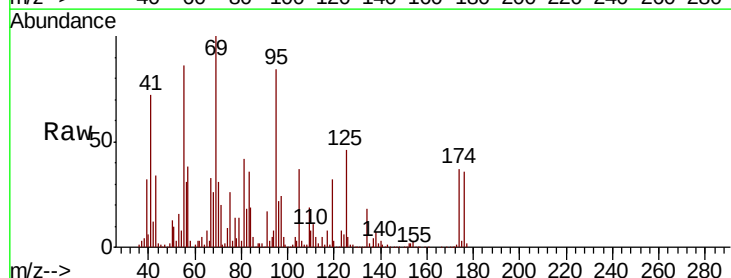
Manual Integrations
APPROVED

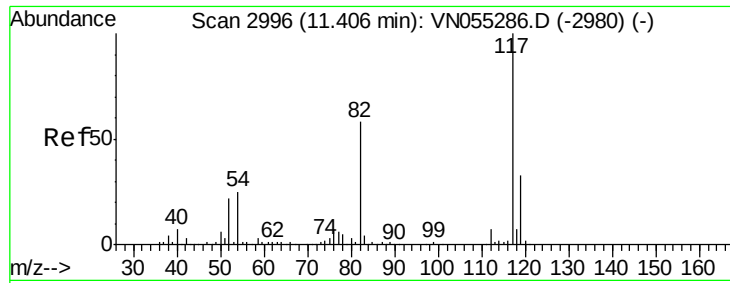
MMDadoda
5/3/2019 1:08:21 PM



#62
4-Bromofluorobenzene
Concen: 88.859 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Tgt Ion: 95 Resp: 476978
Ion Ratio Lower Upper
95 100
174 49.1 0.0 166.6
176 48.1 0.0 157.8





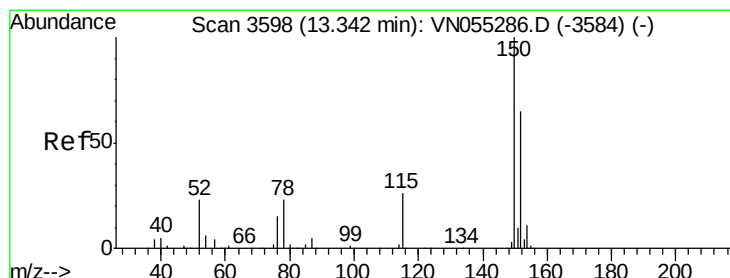
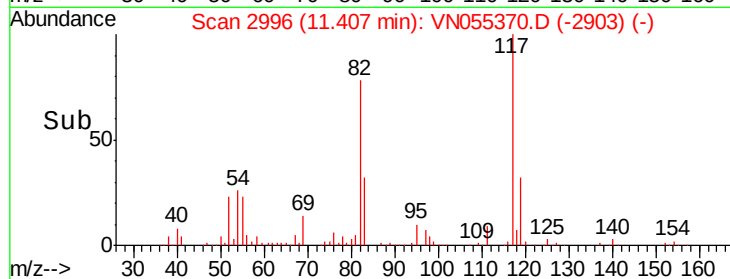
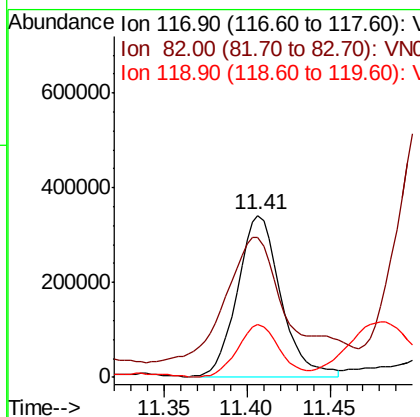
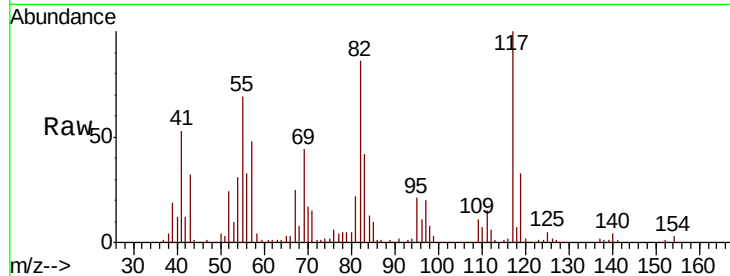
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	614545		
82	71.9	46.2	69.4#	
119	32.3	26.6	40.0	

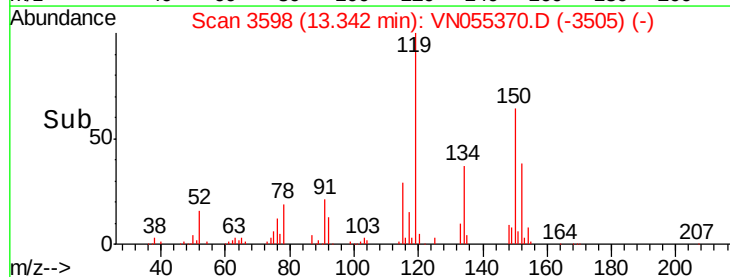
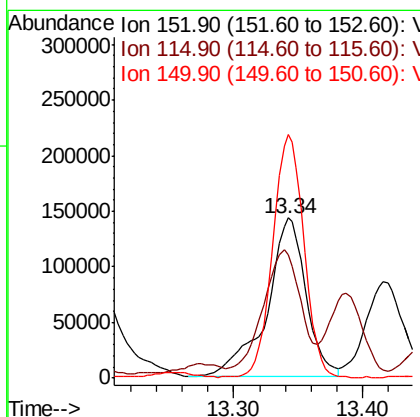
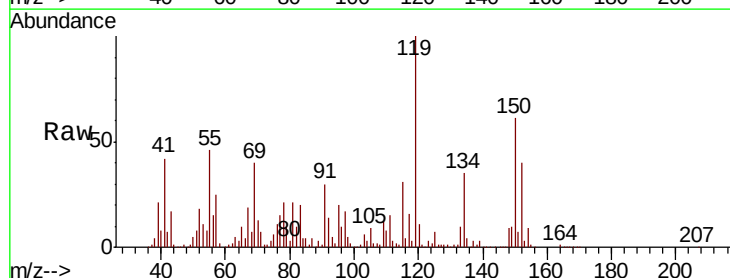
Manual Integrations
APPROVED

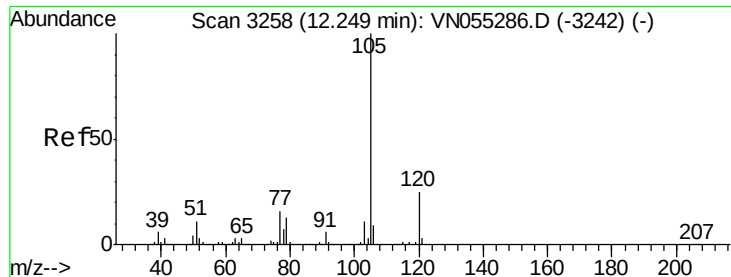
MMDadoda
5/3/2019 1:08:21 PM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	299354		
115	72.9	29.0	87.0	
150	122.1	0.0	345.6	





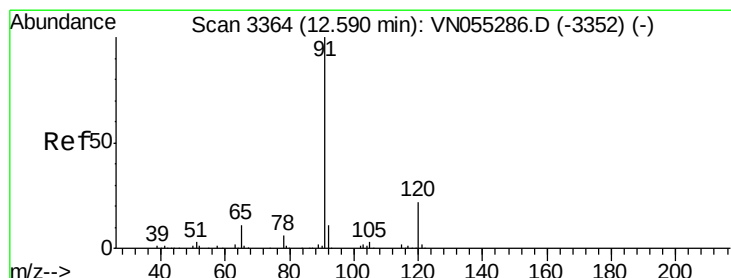
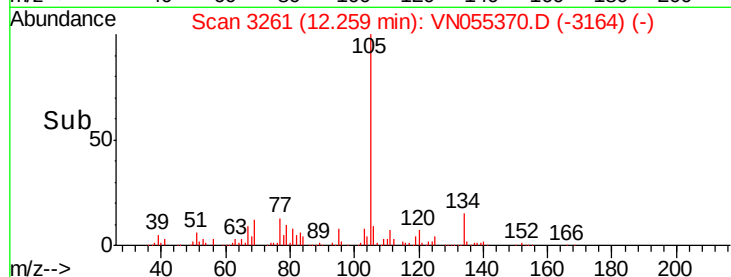
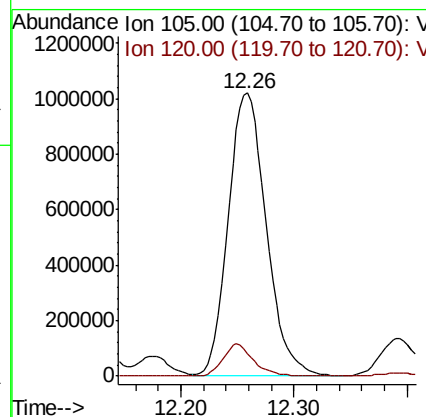
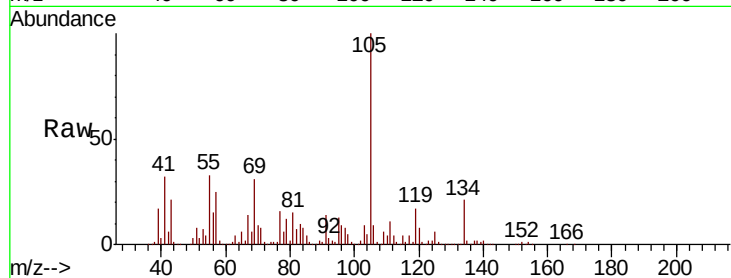
#73
Isopropylbenzene
Concen: 103.061 ug/l
RT: 12.26 min Scan# 3261
Delta R.T. 0.01 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

Tgt Ion: 105 Resp: 2374933
Ion Ratio Lower Upper
105 100
120 9.2 12.9 38.7#

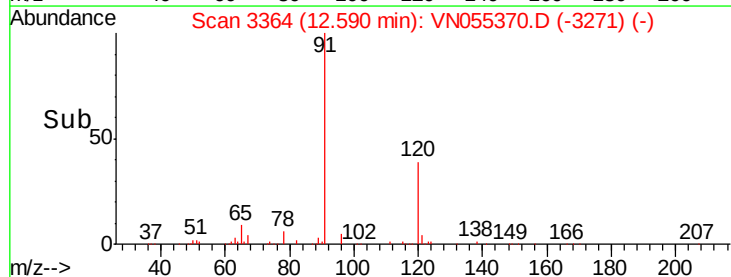
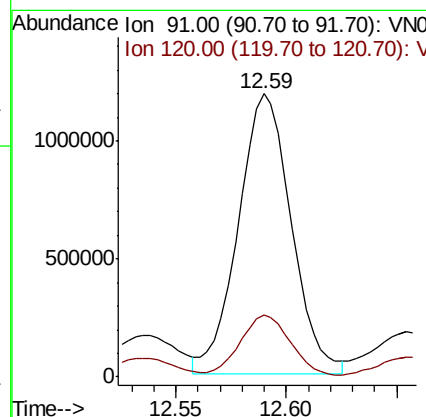
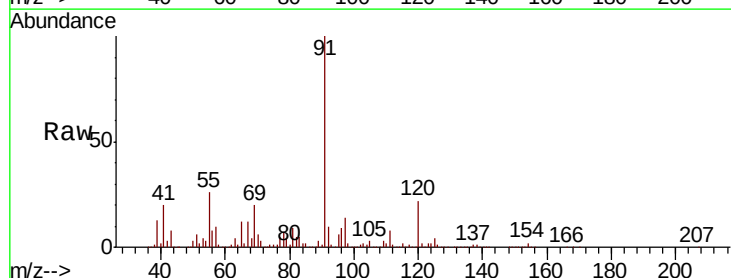
Manual Integrations
APPROVED

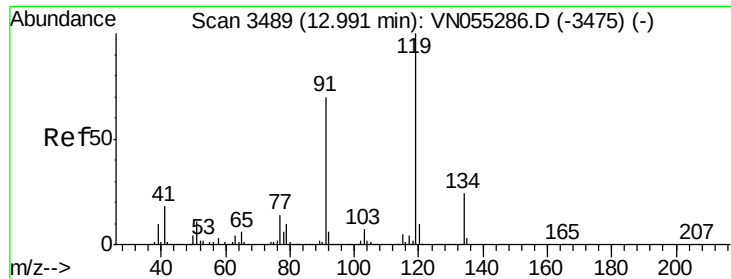
MMDadoda
5/3/2019 1:08:21 PM



#78
n-propylbenzene
Concen: 64.120 ug/l
RT: 12.59 min Scan# 3364
Delta R.T. 0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Tgt Ion: 91 Resp: 1971680
Ion Ratio Lower Upper
91 100
120 21.4 11.0 33.0





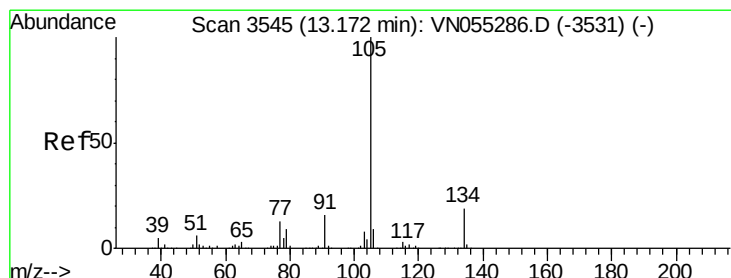
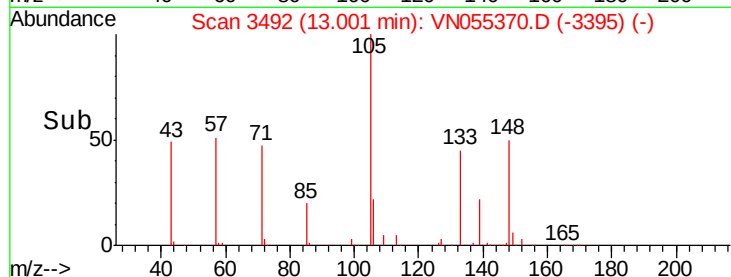
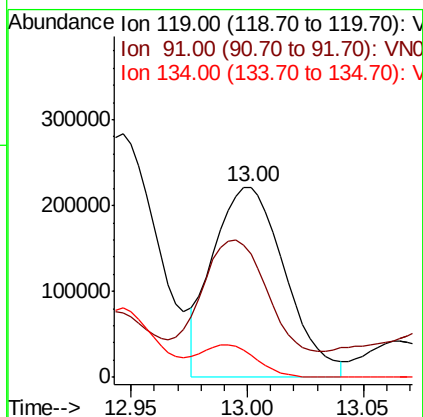
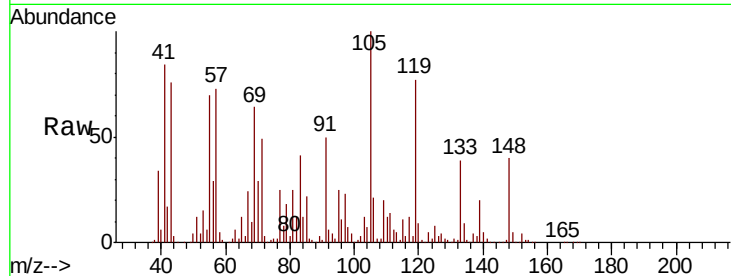
#83
tert-Butylbenzene
Concen: 27.539 ug/l m
RT: 13.00 min Scan# 3492
Delta R.T. 0.01 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

Tgt Ion	Ratio	Lower	Upper
119	100		
91	0.0	34.3	102.9#
134	0.0	13.1	39.3#

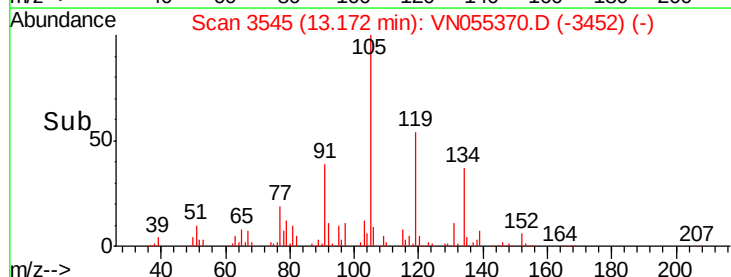
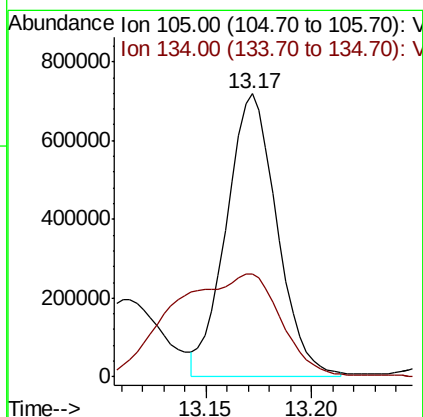
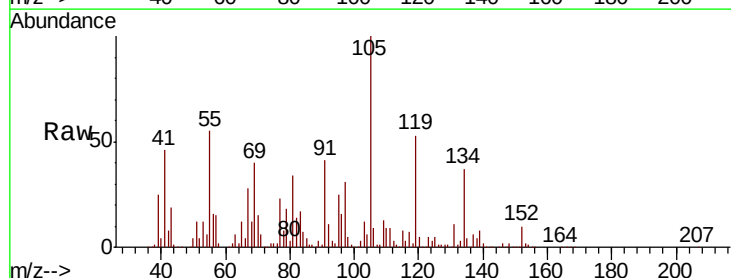
Manual Integrations
APPROVED

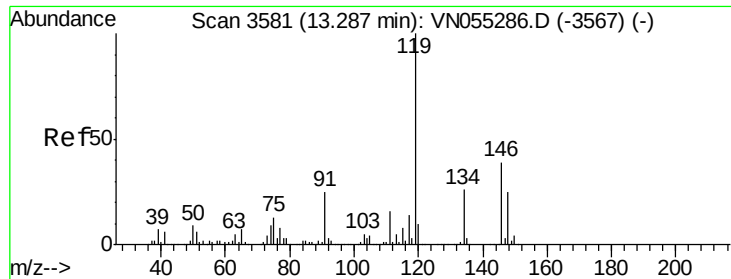
MMDadoda
5/3/2019 1:08:21 PM



#85
sec-Butylbenzene
Concen: 47.305 ug/l m
RT: 13.17 min Scan# 3545
Delta R.T. 0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Tgt Ion	Ratio	Lower	Upper
105	100		
134	5.0	9.6	28.8#





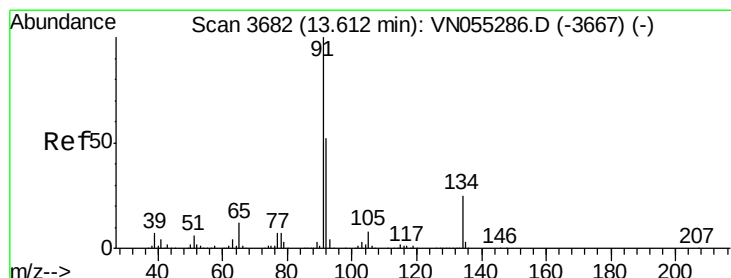
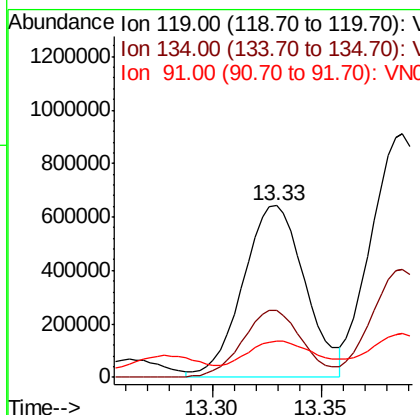
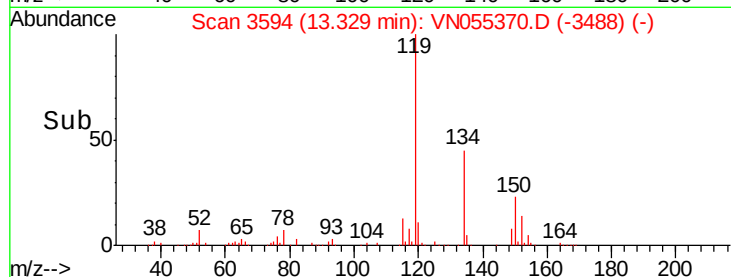
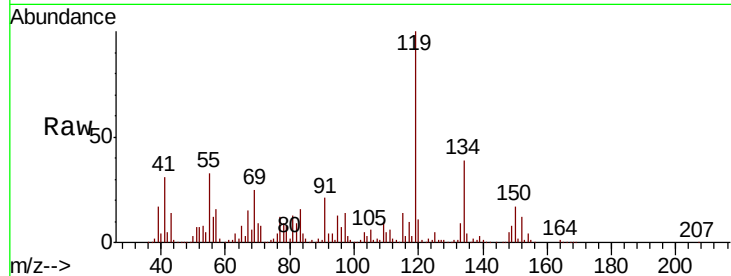
#86
p-Isopropyltoluene
Concen: 60.794 ug/l m
RT: 13.33 min Scan# 3594
Delta R.T. 0.04 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Instrument :
MSVOA_N
ClientSampleId :
EP1-SB-E3-4(17-20)

Tgt Ion: 119 Resp: 1274558
Ion Ratio Lower Upper
119 100
134 7.8 13.0 38.9#
91 5.3 12.2 36.6#

Manual Integrations
APPROVED

MMDadoda
5/3/2019 1:08:21 PM



#89
n-Butylbenzene
Concen: 58.405 ug/l m
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN055370.D
Acq: 3 May 2019 1:32

Tgt Ion: 91 Resp: 870091
Ion Ratio Lower Upper
91 100
92 3.3 26.1 78.3#
134 3.9 12.4 37.4#

