

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
 Data File : VN051054.D
 Acq On : 7 Sep 2018 15:25
 Operator : MD\SY
 Sample : J4693-08 5X
 Misc : 5.90g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:53:45 AM

Quant Time: Sep 10 11:15:32 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	647301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	972526	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	984922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	537348	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	384484	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	7.59	113	370492	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.09	98	1531068	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	12.40	95	767720	79.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	159.74%	

Target Compounds

						Qvalue
39) Methylcyclohexane	9.08	83	85884	6.92	ug/l	96
68) m/p-Xylenes	11.63	106	734552	46.24	ug/l	97
73) Isopropylbenzene	12.25	105	2505090	56.30	ug/l	100
78) n-propylbenzene	12.59	91	6798764	136.78	ug/l	99
83) tert-Butylbenzene	12.99	119	428503	13.78	ug/l	94
84) 1,2,4-Trimethylbenzene	13.03	105	20565585m	569.47	ug/l	
85) sec-Butylbenzene	13.17	105	3532935	86.71	ug/l #	72
86) p-Isopropyltoluene	13.29	119	3478450	100.20	ug/l	99
89) n-Butylbenzene	13.62	91	3771651	135.84	ug/l #	75

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

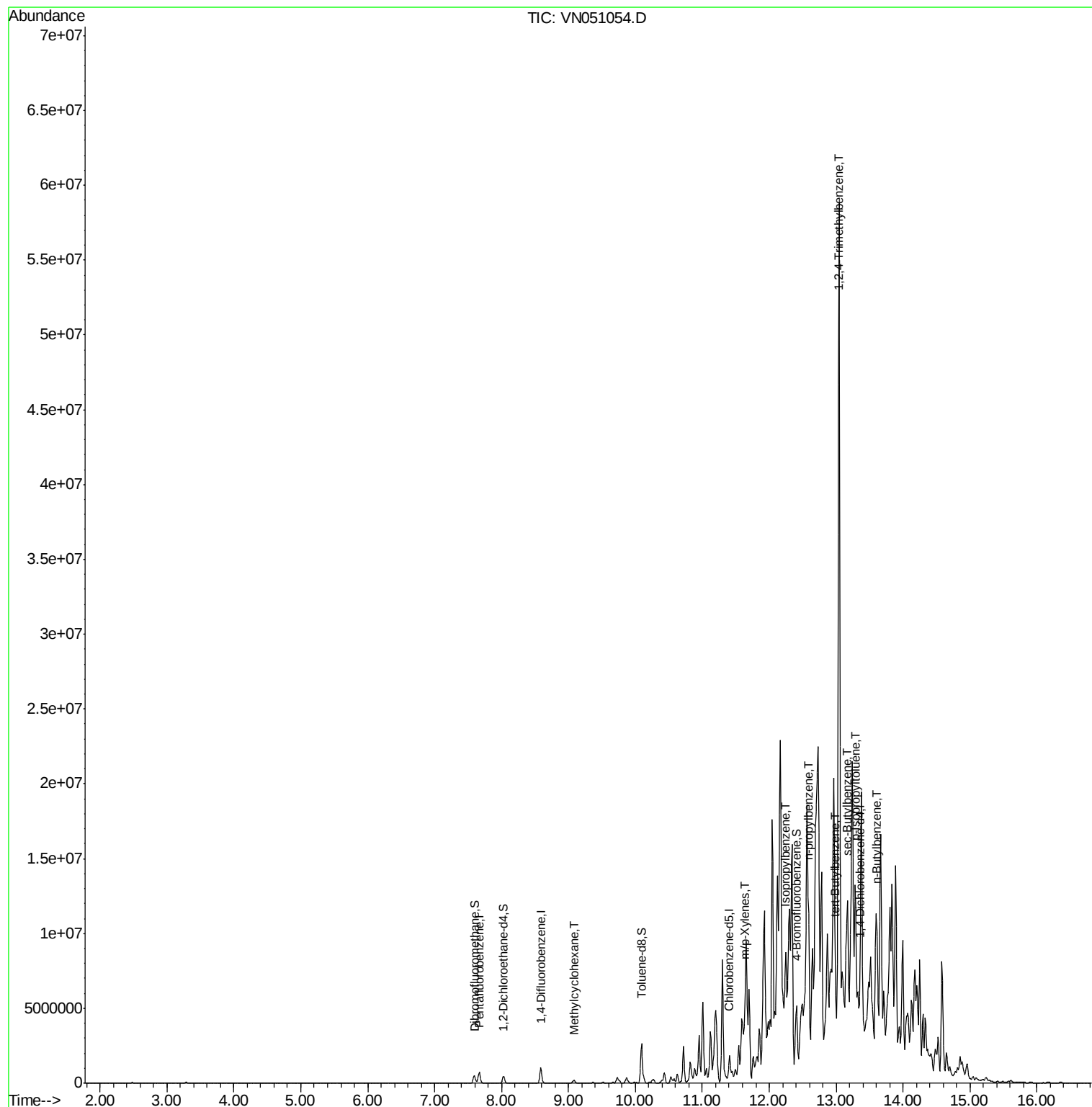
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090718\
Data File : VN051054.D
Acq On : 7 Sep 2018 15:25
Operator : MD\SY
Sample : J4693-08 5X
Misc : 5.90µ/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)

Manual Integrations
APPROVED

MMDadoda
9/10/2018 11:53:45 AM

Quant Time: Sep 10 11:15:32 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 22 05:38:12 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)

Tot Ion:168 Resp: 647301

Ion Ratio Lower Upper

168 100

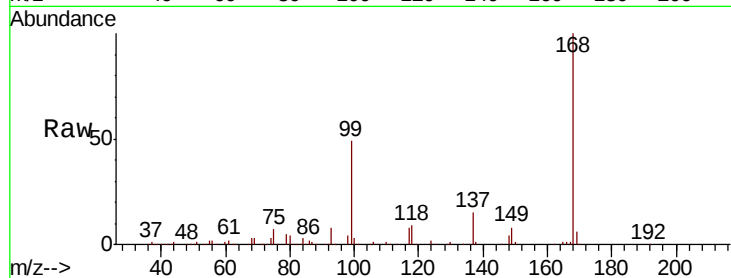
99 49.4 39.6 59.4

Manual Integrations

APPROVED

MMDadoda

9/10/2018 11:53:45 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

250000

200000

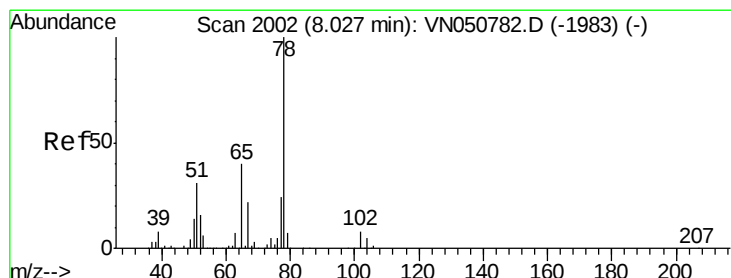
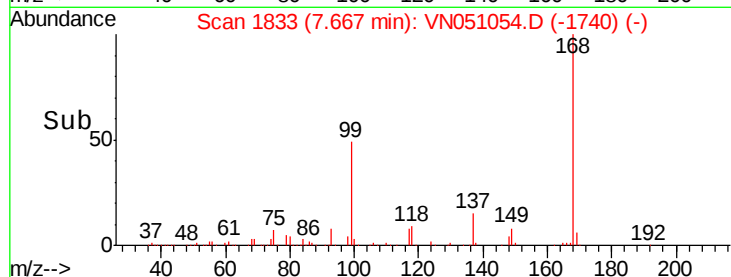
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 49.34 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN051054.D

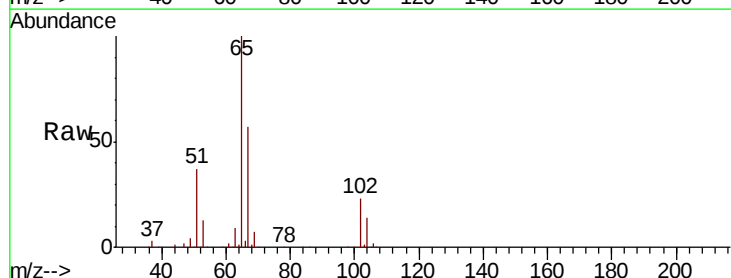
Acq: 7 Sep 2018 15:25

Tgt Ion: 65 Resp: 384484

Ion Ratio Lower Upper

65 100

67 55.5 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

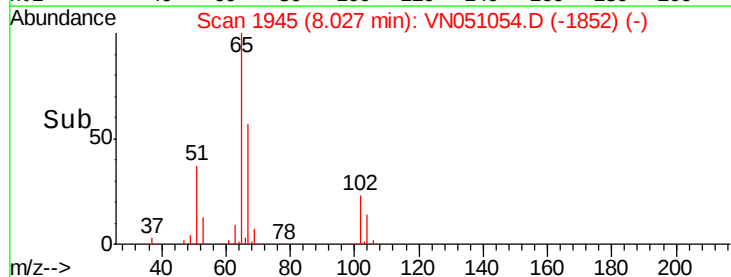
150000

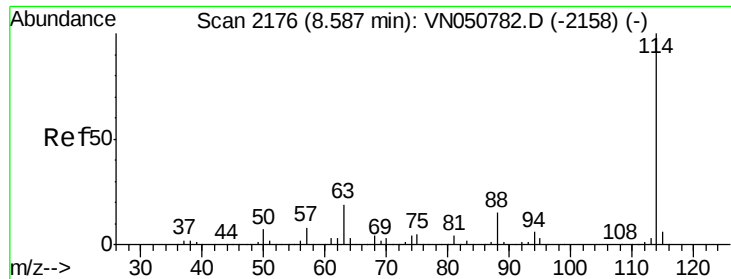
100000

50000

0

Time--> 7.90 8.00 8.10





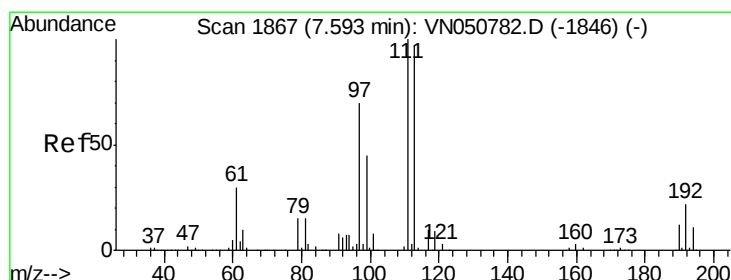
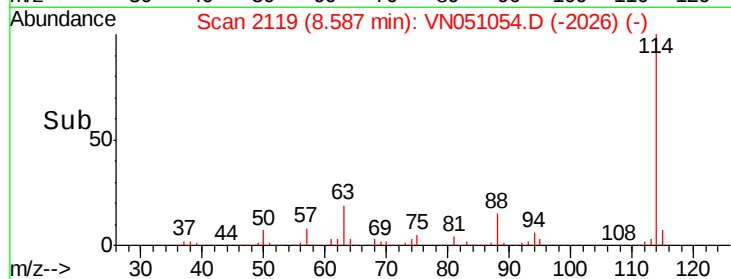
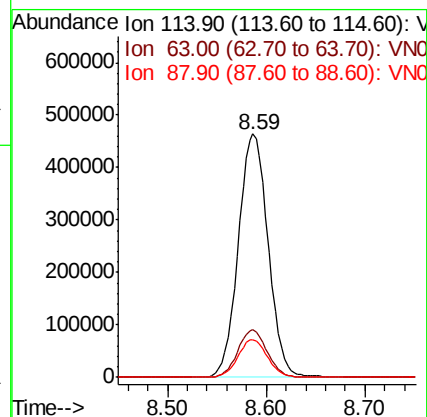
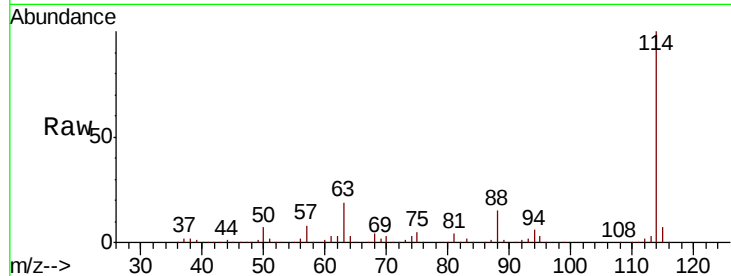
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN051054.D
 Acq: 7 Sep 2018 15:25

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-C(7-10)

Tot Ion	Ratio	Resp Lower	Upper
114	100		
63	19.4	0.0	38.6
88	15.4	0.0	30.6

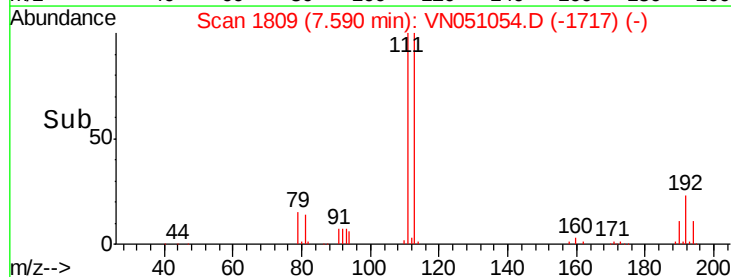
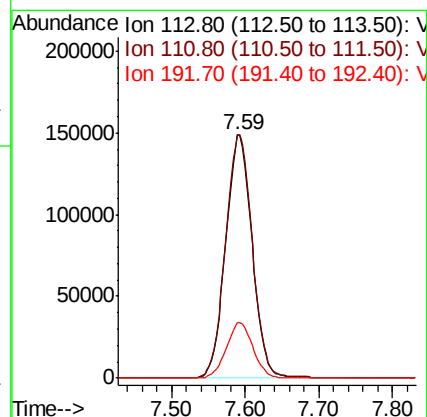
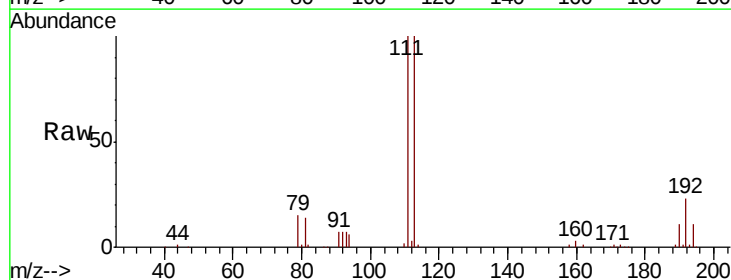
Manual Integrations
 APPROVED

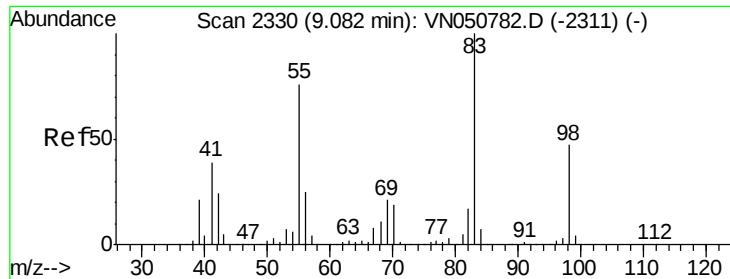
MMDadoda
 9/10/2018 11:53:45 AM



#35
 Dibromofluoromethane
 Concen: 47.89 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN051054.D
 Acq: 7 Sep 2018 15:25

Tgt Ion	Ratio	Resp Lower	Upper
113	100		
111	100.9	82.6	123.8
192	22.8	18.0	27.0





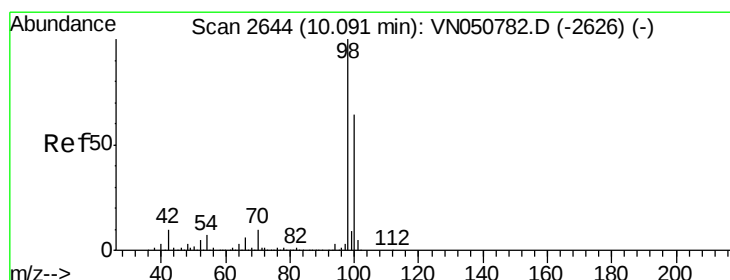
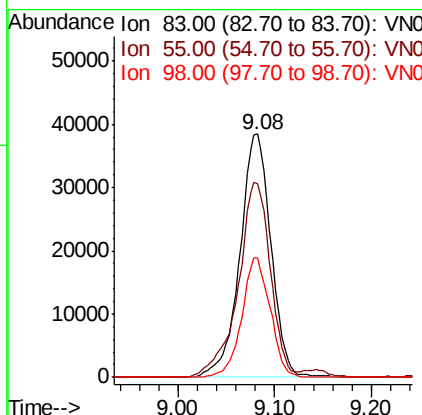
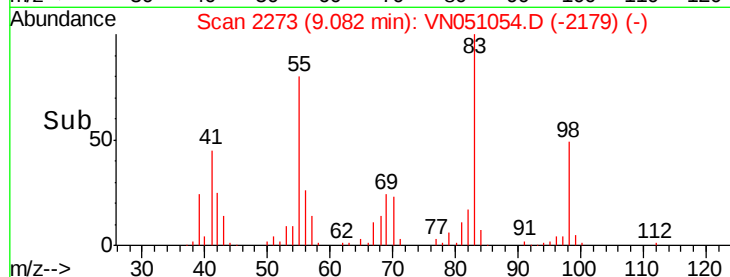
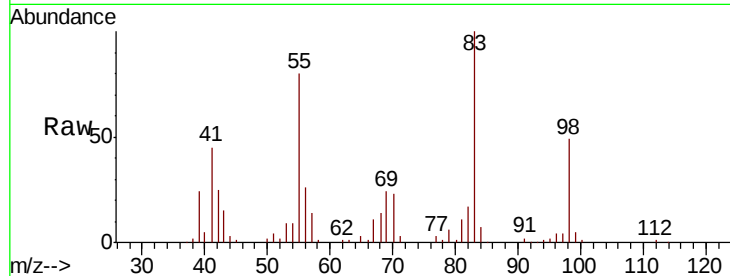
#39
Methvlcvclohexane
Concen: 6.92 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN051054.D
Acq: 7 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)

Tot Ion	83	Resp	85884
Ion Ratio	100	Lower	Upper
83	100		
55	79.8	61.0	91.4
98	48.8	37.5	56.3

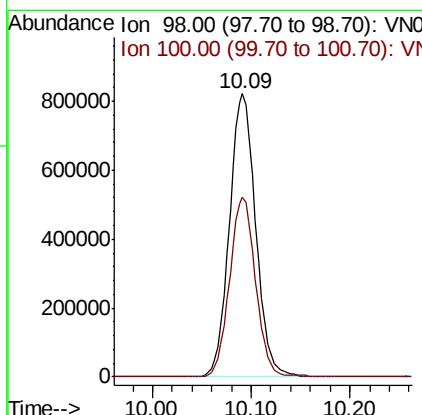
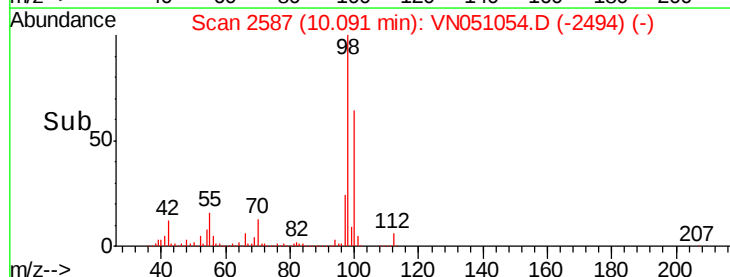
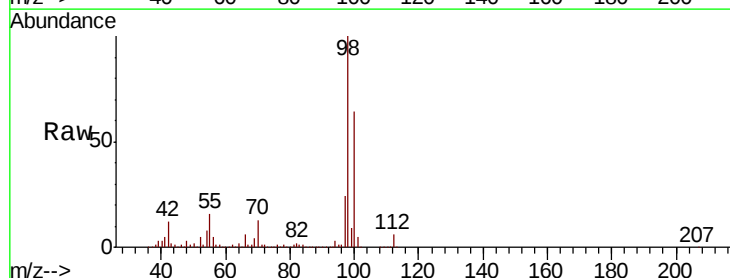
Manual Integrations
APPROVED

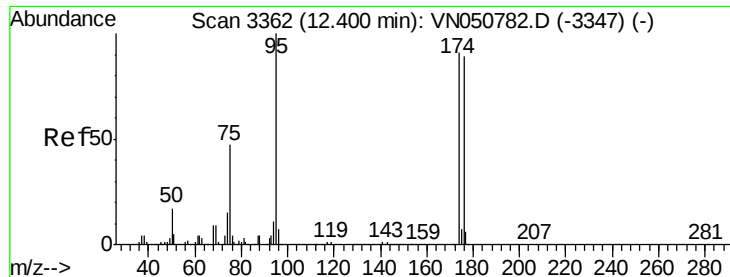
MMDadoda
9/10/2018 11:53:45 AM



#50
Toluene-d8
Concen: 52.93 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN051054.D
Acq: 7 Sep 2018 15:25

Tgt Ion	98	Resp	1531068
Ion Ratio	100	Lower	Upper
98	100		
100	62.7	51.5	77.3





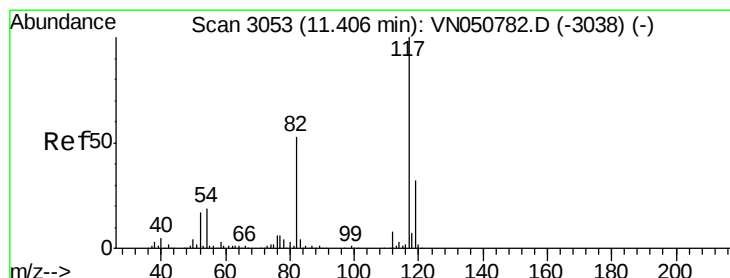
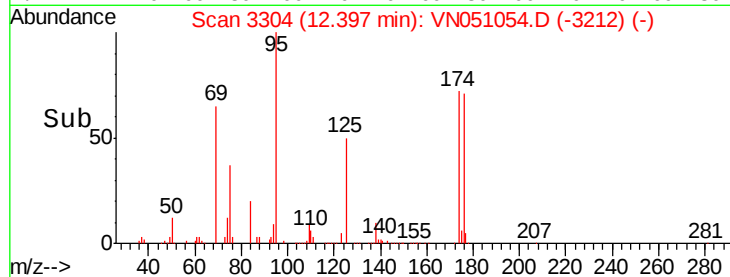
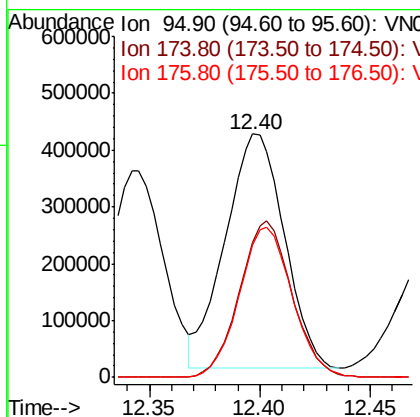
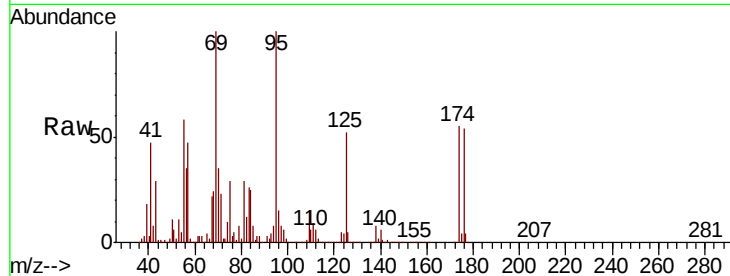
#62
4-Bromofluorobenzene
Concen: 79.87 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. -0.00 min
Lab File: VN051054.D
Acq: 7 Sep 2018 15:25

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-C(7-10)

Tot Ion	Ratio	Resp	Lower	Upper
95	100	767720		
174	59.3	0.0	183.0	
176	57.6	0.0	178.8	

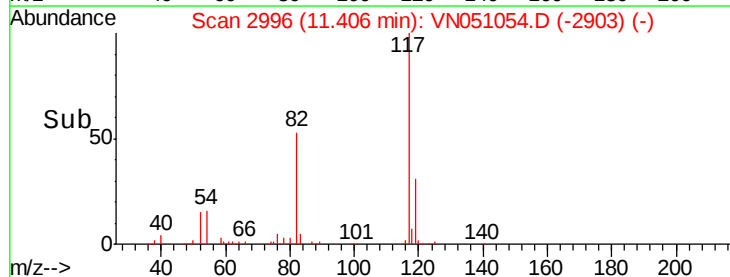
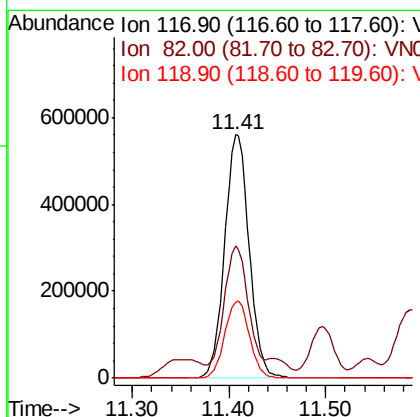
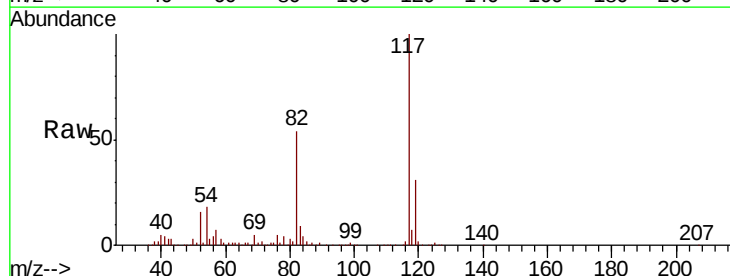
Manual Integrations
APPROVED

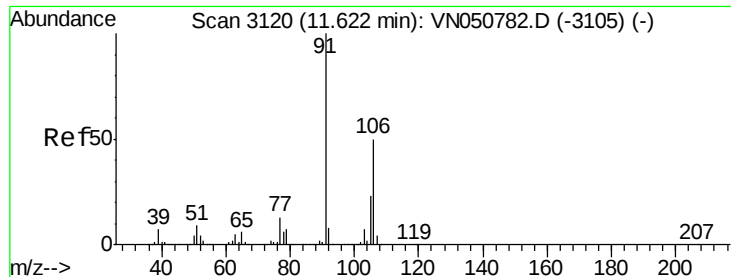
MMDadoda
9/10/2018 11:53:45 AM



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN051054.D
Acq: 7 Sep 2018 15:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	984922		
82	46.6	42.6	64.0	
119	31.5	25.8	38.6	





#68

m/p-Xvlenes

Concen: 46.24 ug/l

RT: 11.63 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)

Tot Ion:106 Resp: 734552

Ion Ratio Lower Upper

106 100

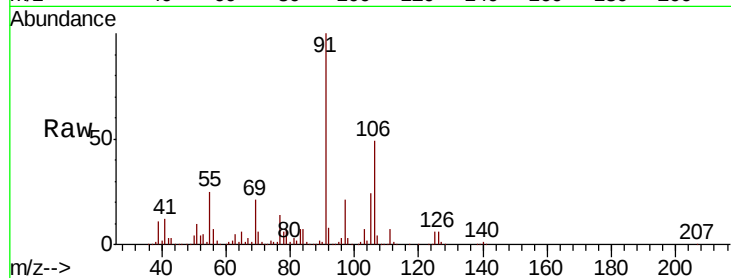
91 205.6 161.0 241.6

Manual Integrations

APPROVED

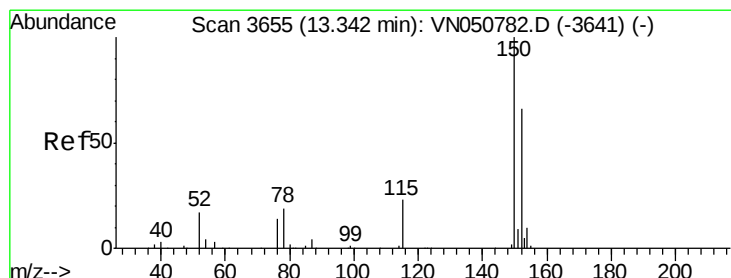
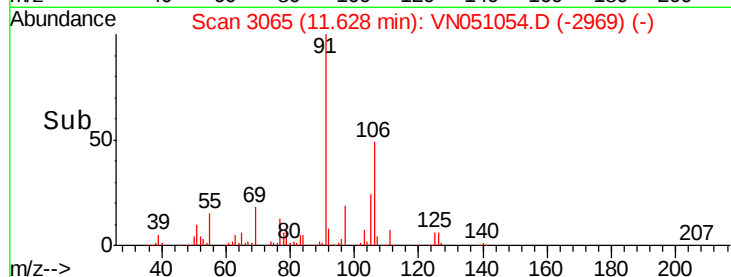
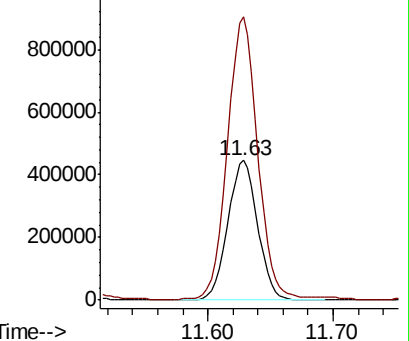
MMDadoda

9/10/2018 11:53:45 AM



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VN



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

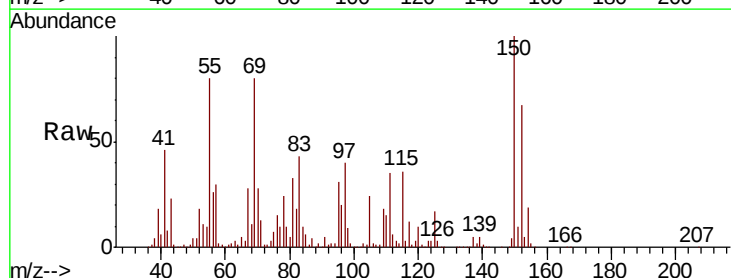
Tgt Ion:152 Resp: 537348

Ion Ratio Lower Upper

152 100

115 43.5 27.8 83.4

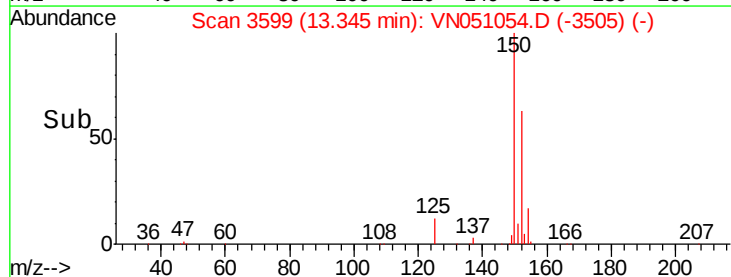
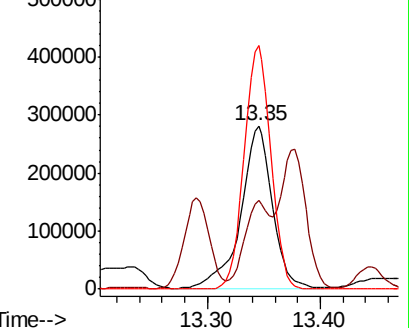
150 127.5 0.0 351.4

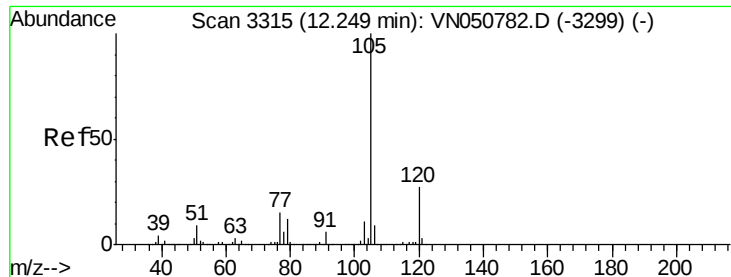


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 56.30 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)

Tot Ion:105 Resp: 2505090

Ion Ratio Lower Upper

105 100

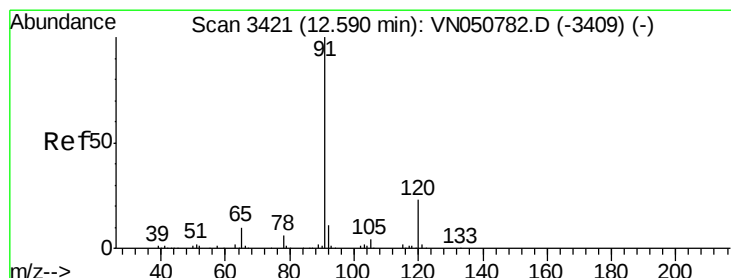
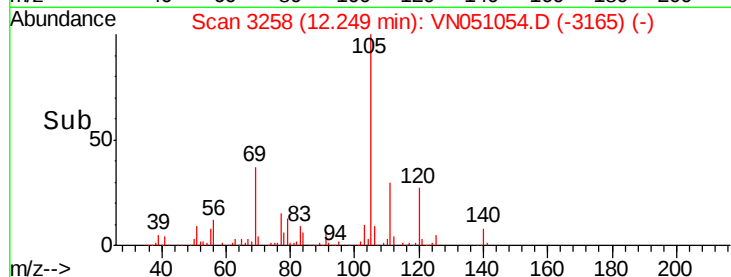
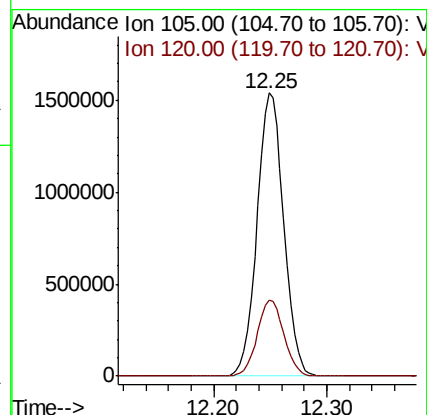
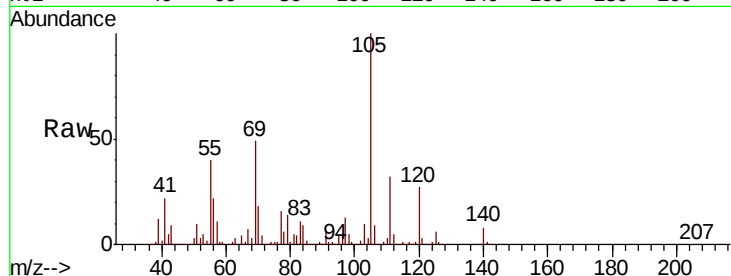
120 26.9 13.5 40.4

Manual Integrations

APPROVED

MMDadoda

9/10/2018 11:53:45 AM



#78

n-propylbenzene

Concen: 136.78 ug/l

RT: 12.59 min Scan# 3365

Delta R.T. 0.00 min

Lab File: VN051054.D

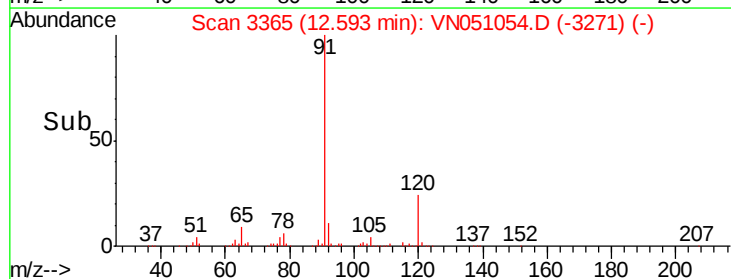
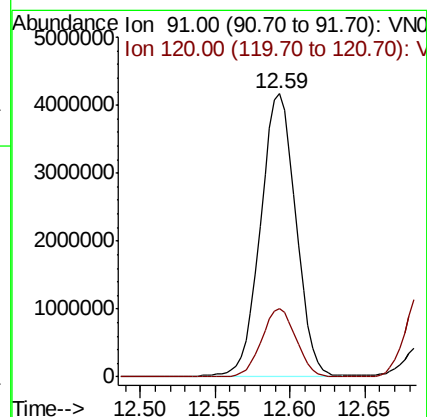
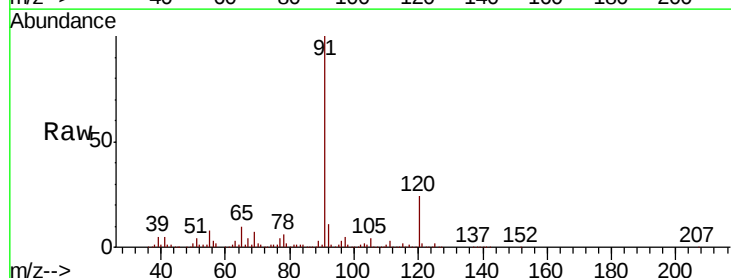
Acq: 7 Sep 2018 15:25

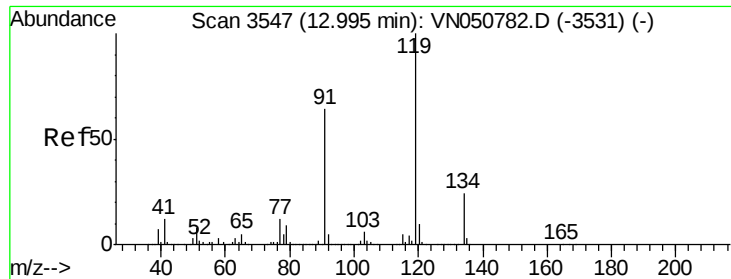
Tgt Ion: 91 Resp: 6798764

Ion Ratio Lower Upper

91 100

120 23.8 11.7 35.0





#83

tert-Butylbenzene

Concen: 13.78 ug/l

RT: 12.99 min Scan# 3490

Delta R.T. 0.00 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

Instrument :

MSVOA_N

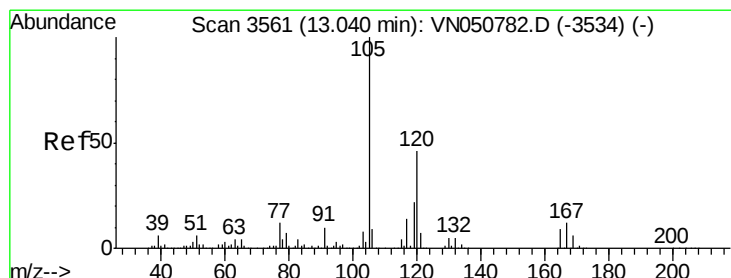
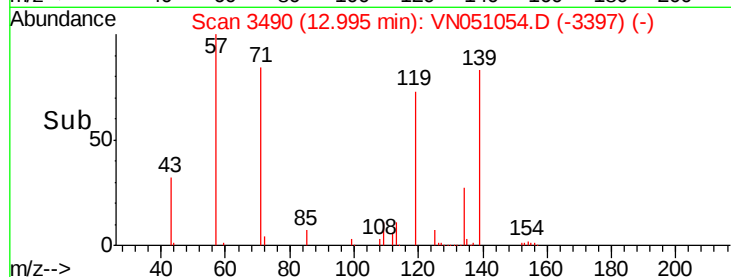
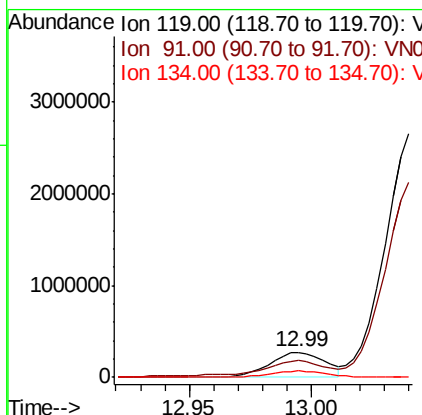
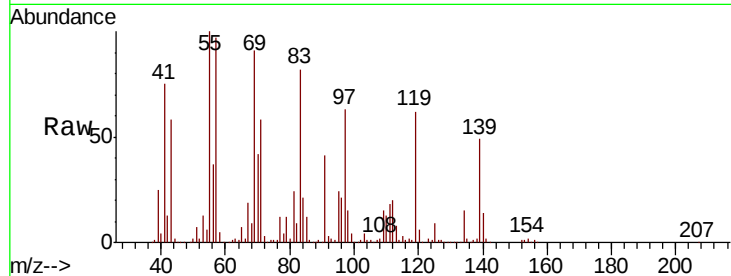
ClientSampleId :

EP1-MW-C(7-10)

Tot Ion	Ratio	Lower	Upper
119	100		
91	69.2	31.6	94.7
134	25.6	13.4	40.1

Manual Integrations
APPROVED

MMDadoda
9/10/2018 11:53:45 AM



#84

1,2,4-Trimethylbenzene

Concen: 569.47 ug/l m

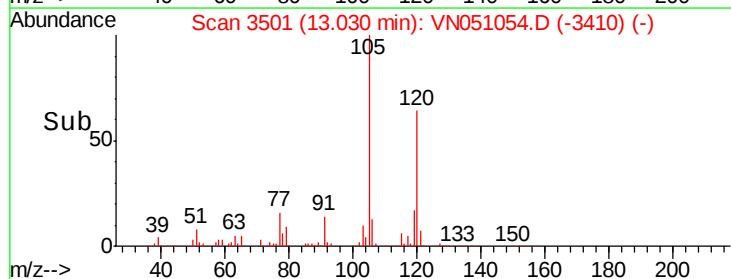
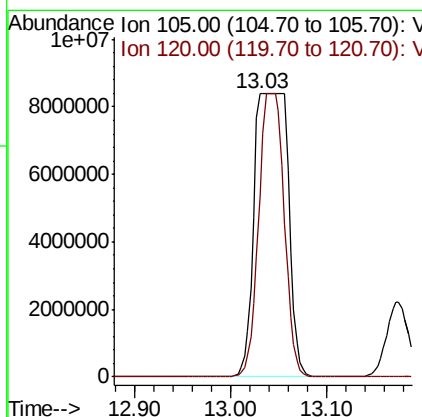
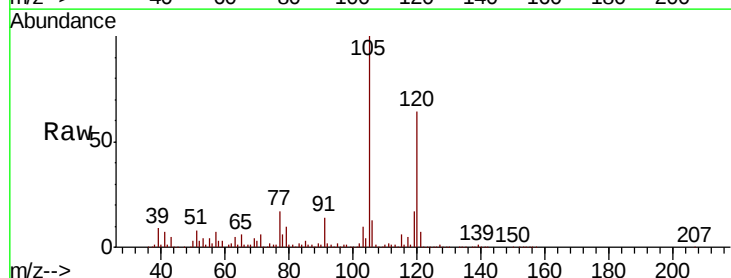
RT: 13.03 min Scan# 3501

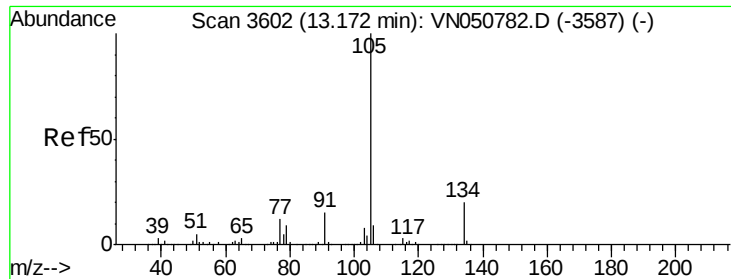
Delta R.T. -0.01 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

Tgt Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.9	68.8#





#85

sec-Butylbenzene

Concen: 86.71 ug/l

RT: 13.17 min Scan# 3546

Delta R.T. 0.00 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-C(7-10)

Tot Ion:105 Resp: 3532935

Ion Ratio Lower Upper

105 100

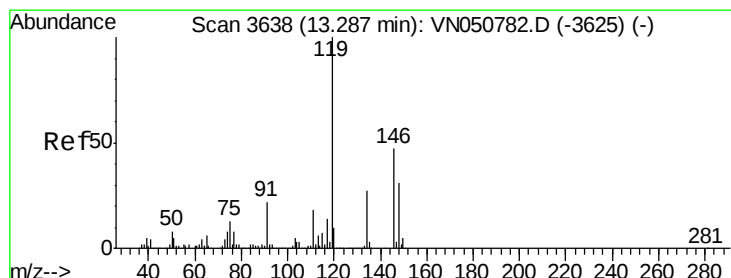
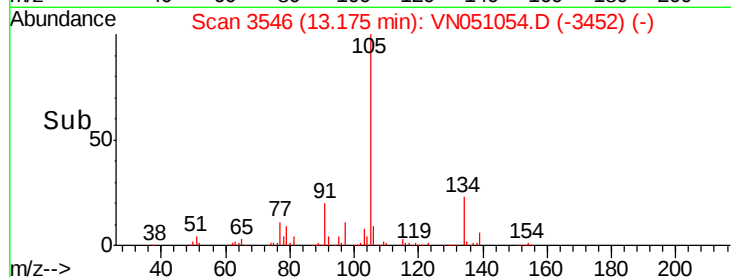
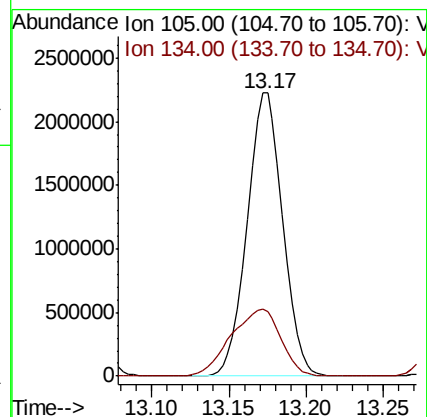
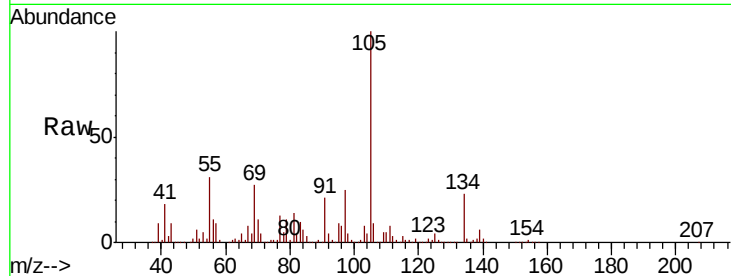
134 33.3 10.3 30.8#

Manual Integrations

APPROVED

MMDadoda

9/10/2018 11:53:45 AM



#86

p-Isopropyltoluene

Concen: 100.20 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN051054.D

Acq: 7 Sep 2018 15:25

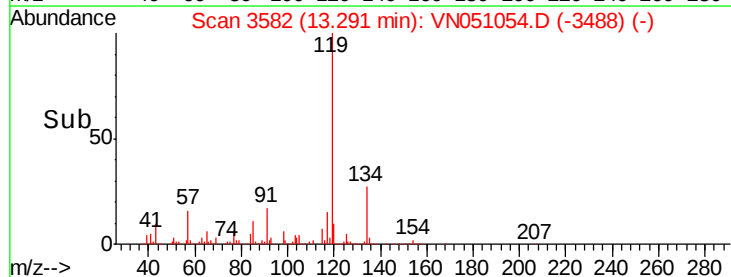
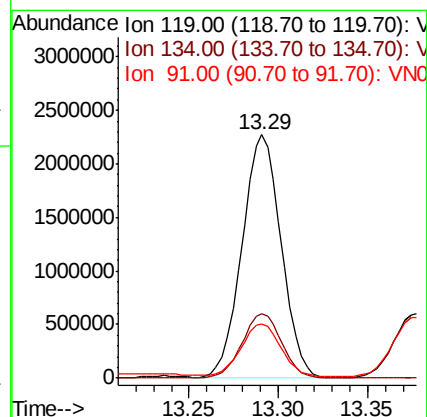
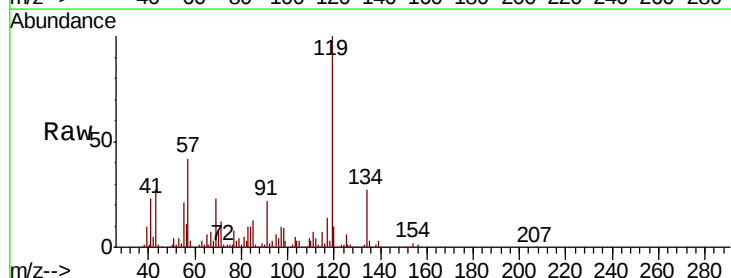
Tgt Ion:119 Resp: 3478450

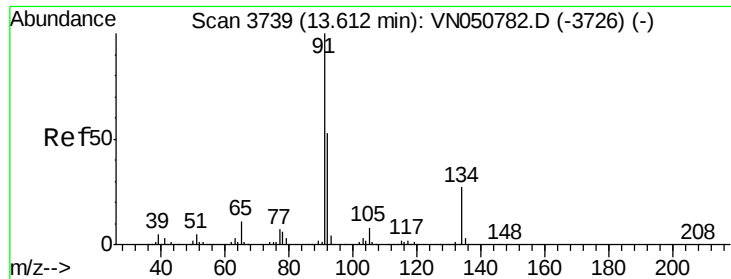
Ion Ratio Lower Upper

119 100

134 26.8 13.7 41.0

91 22.3 11.2 33.5





#89
 n-Butylbenzene
 Concen: 135.84 ug/l
 RT: 13.62 min Scan# 3683
 Delta R.T. 0.00 min
 Lab File: VN051054.D
 Acq: 7 Sep 2018 15:25

Instrument :
 MSVOA_N
 ClientSampled :
 EP1-MW-C(7-10)

Tot Ion	Ratio	Lower	Upper
91	100		
92	49.0	26.1	78.2
134	59.9	13.2	39.6

Manual Integrations
 APPROVED

MMDadoda
 9/10/2018 11:53:45 AM

