

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067036.D
 Acq On : 7 May 2021 2:47
 Operator : JC/MD
 Sample : M2257-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:24:01 PM

Quant Time: May 07 07:32:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri May 07 07:26:20 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.115	128	74534	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	360985	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	287834	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.952	65	199142	30.49	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.63%			
60) 4-Bromofluorobenzene	12.358	95	129452m	27.03	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 90.10%			
63) Toluene-d8	10.030	98	467936	32.82	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 109.40%			
Target Compounds						Qvalue
18) Methylene Chloride	4.473	84	6300m	1.09	ug/l	
25) Chloroform	7.297	83	8515	0.87	ug/l	98

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

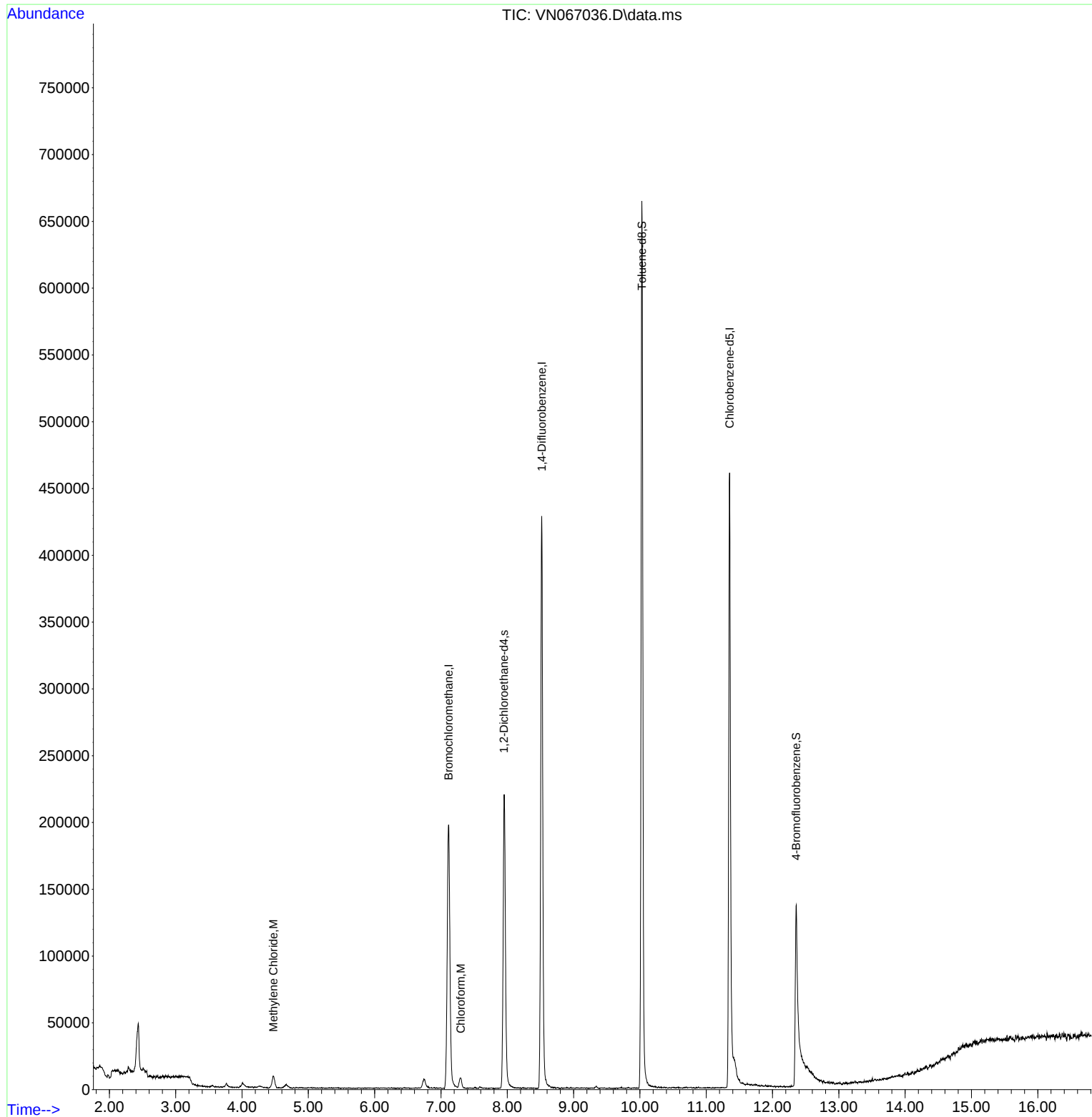
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
Data File : VN067036.D
Acq On : 7 May 2021 2:47
Operator : JC/MD
Sample : M2257-04 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 41 Sample Multiplier: 1

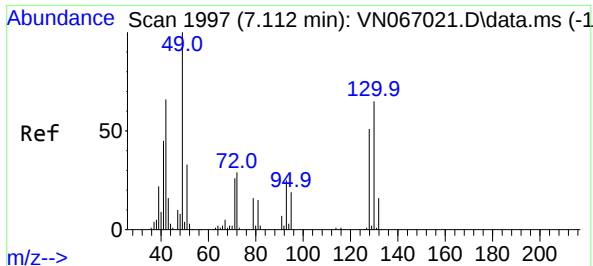
Instrument :
MSVOA_N
ClientSampleId :
14B-4

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:24:01 PM

Quant Time: May 07 07:32:56 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050721W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri May 07 07:26:20 2021
Response via : Initial Calibration





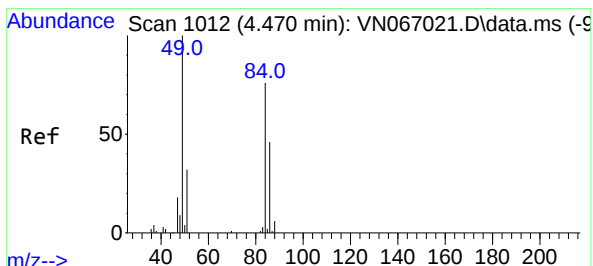
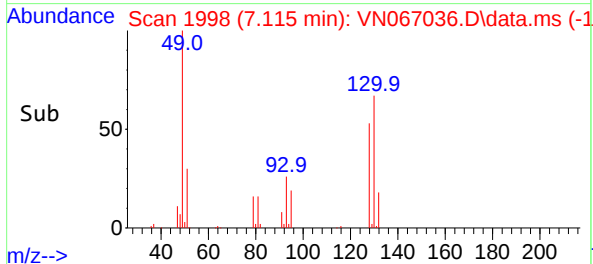
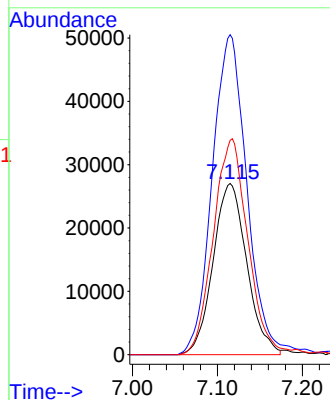
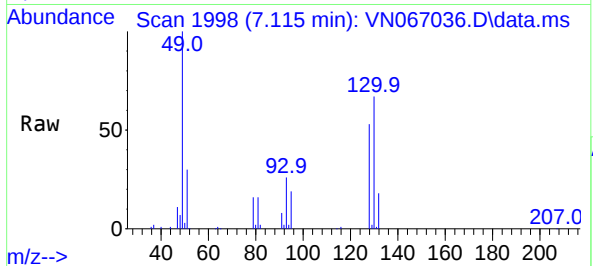
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47

Tgt Ion:128 Resp: 74534
Ion Ratio Lower Upper
128 100
49 192.0 0.0 486.3
130 129.2 0.0 326.0

Instrument :
MSVOA_N
ClientSampled :
14B-4

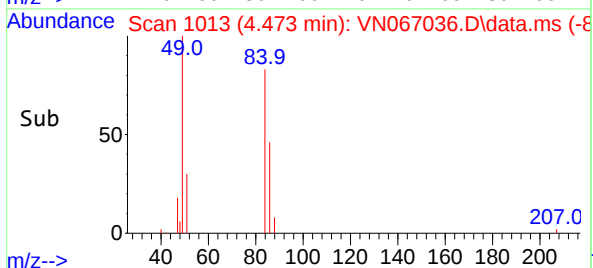
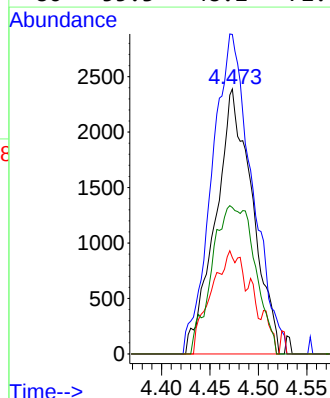
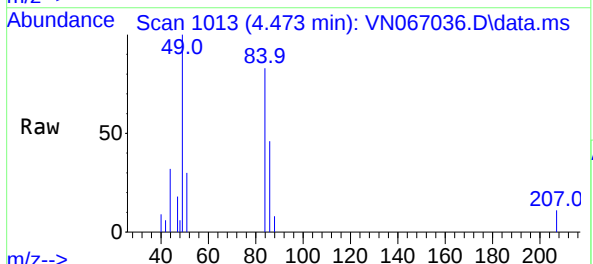
Manual Integrations
APPROVED

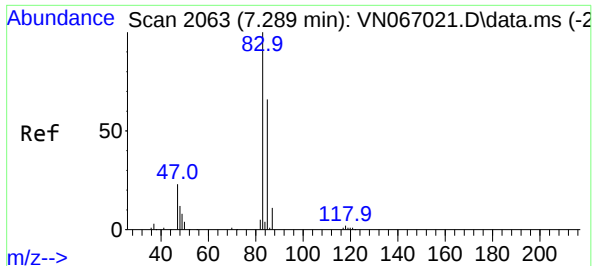
MMDadoda
5/7/2021 6:24:01 PM



#18
Methylene Chloride
Concen: 1.09 ug/l m
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47

Tgt Ion: 84 Resp: 6300
Ion Ratio Lower Upper
84 100
49 120.6 105.0 157.6
51 36.3 33.3 49.9
86 55.3 48.2 72.4





#25

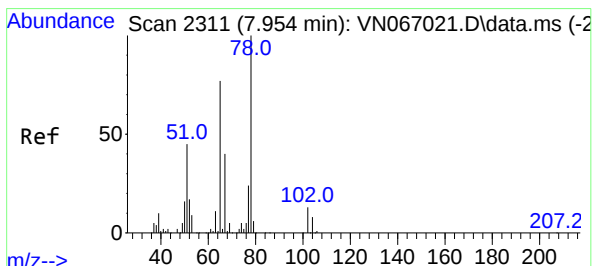
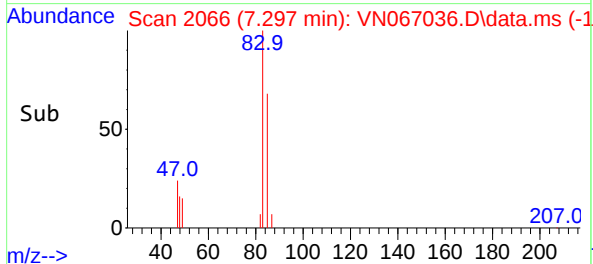
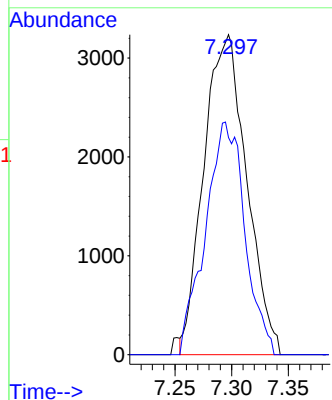
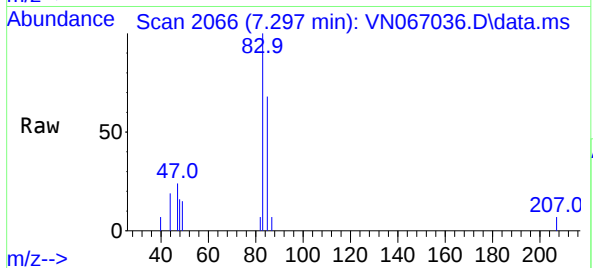
Chloroform
Concen: 0.87 ug/l
RT: 7.297 min Scan# 2066
Delta R.T. 0.008 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47

Tgt Ion: 83 Resp: 8515
Ion Ratio Lower Upper
83 100
85 67.8 53.0 79.6

Instrument :
MSVOA_N
ClientSampled :
14B-4

Manual Integrations
APPROVED

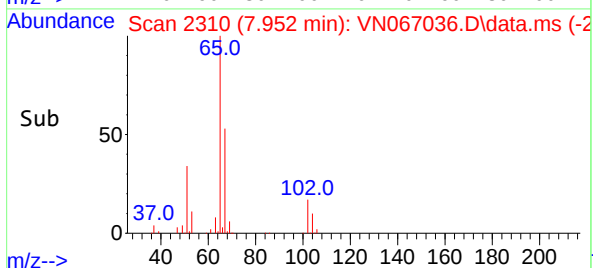
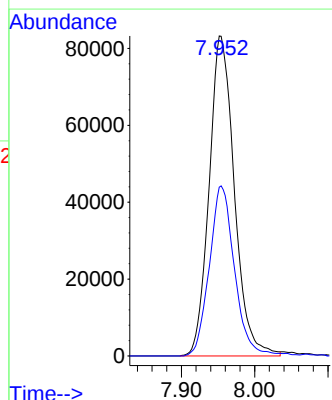
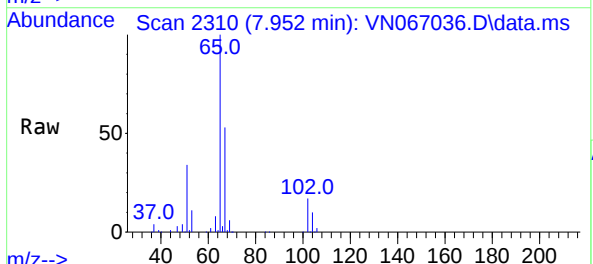
MMDadoda
5/7/2021 6:24:01 PM

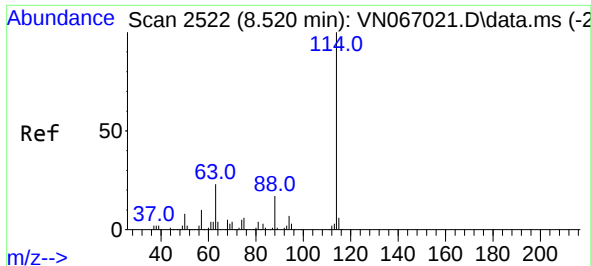


#27

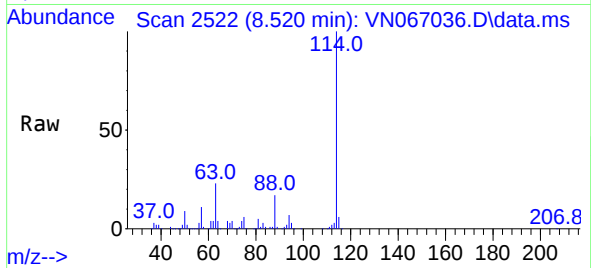
1,2-Dichloroethane-d4
Concen: 30.49 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47

Tgt Ion: 65 Resp: 199142
Ion Ratio Lower Upper
65 100
67 52.8 41.6 62.4

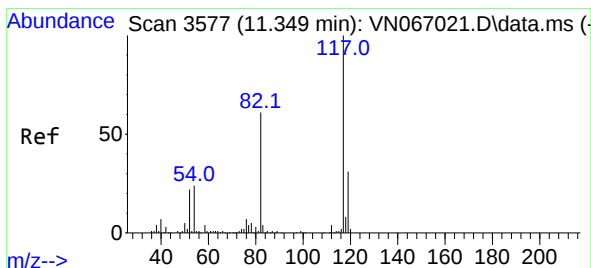
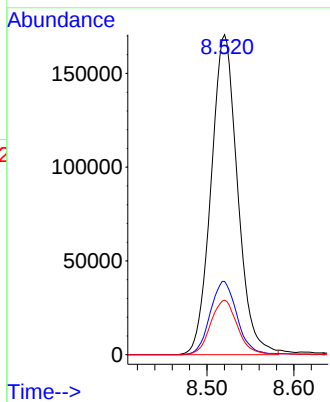
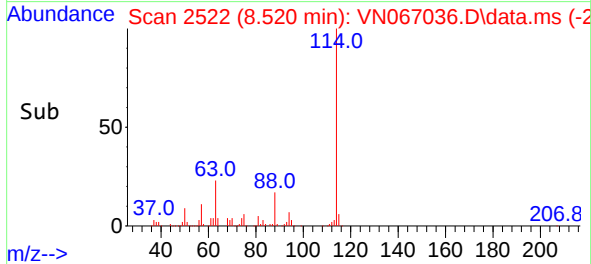




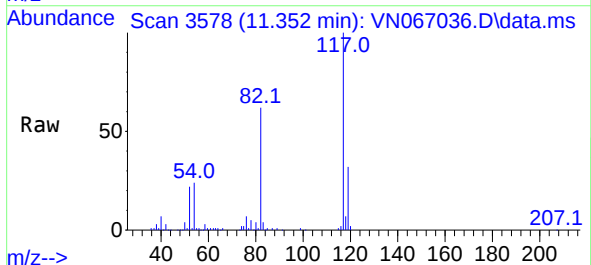
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47



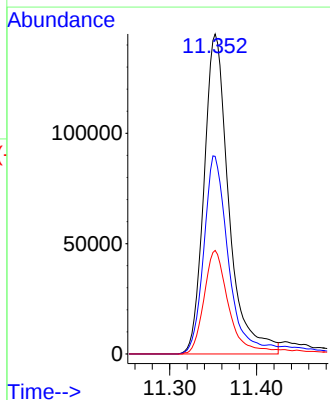
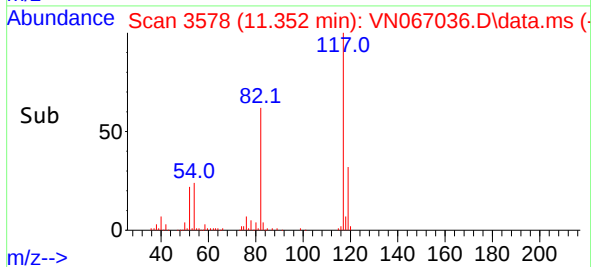
Tgt Ion:114 Resp: 360985
Ion Ratio Lower Upper
114 100
63 23.3 18.8 28.2
88 17.3 13.8 20.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47



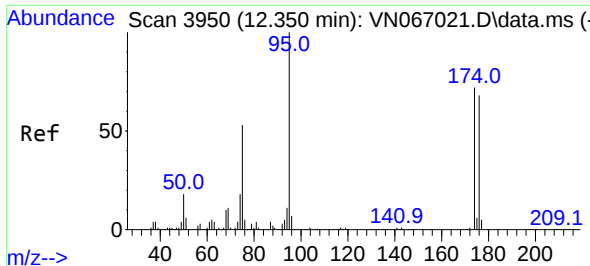
Tgt Ion:117 Resp: 287834
Ion Ratio Lower Upper
117 100
82 60.4 49.3 73.9
119 31.9 25.5 38.3



Instrument :
MSVOA_N
ClientSampled :
14B-4

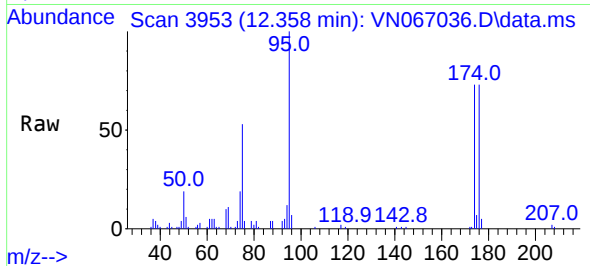
Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:24:01 PM



#60
4-Bromofluorobenzene
Concen: 27.03 ug/l m
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47

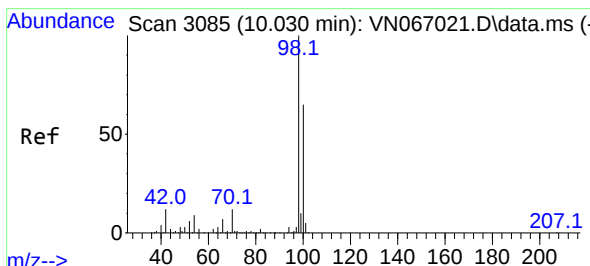
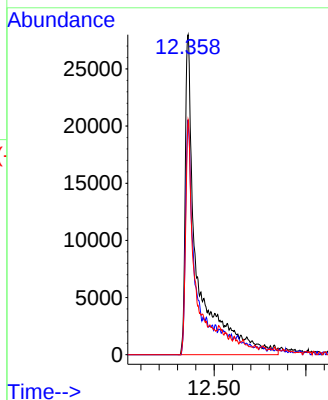
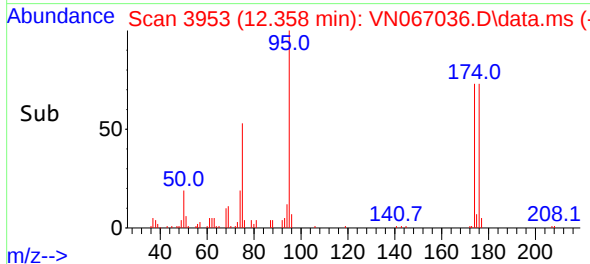
Instrument :
MSVOA_N
ClientSampled :
14B-4



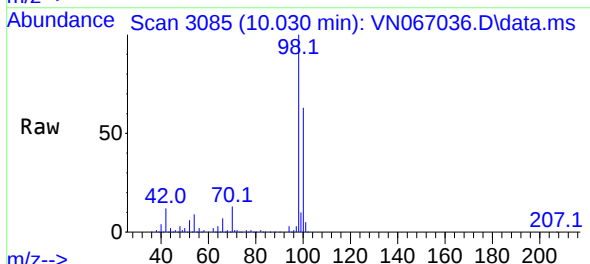
Tgt Ion: 95 Resp: 129452
Ion Ratio Lower Upper
95 100
174 45.6 57.2 85.8#
176 39.6 54.5 81.7#

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:24:01 PM



#63
Toluene-d8
Concen: 32.82 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067036.D
Acq: 7 May 2021 2:47



Tgt Ion: 98 Resp: 467936
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

