

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067033.D
 Acq On : 7 May 2021 1:35
 Operator : JC/MD
 Sample : M2257-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Manual Integrations
 APPROVED

MMDadoda
 5/7/2021 6:23:55 PM

Quant Time: May 07 07:32:16 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	75740	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	372116	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	293125	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	198597	29.92	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.73%	
60) 4-Bromofluorobenzene	12.355	95	133338m	27.34	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	91.13%	
63) Toluene-d8	10.030	98	480330	33.08	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	110.27%	
Target Compounds						
18) Methylene Chloride	4.470	84	7215	1.23	ug/l #	86
25) Chloroform	7.289	83	30826	3.09	ug/l	100
41) Bromodichloromethane	9.341	83	3029	0.40	ug/l #	87

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

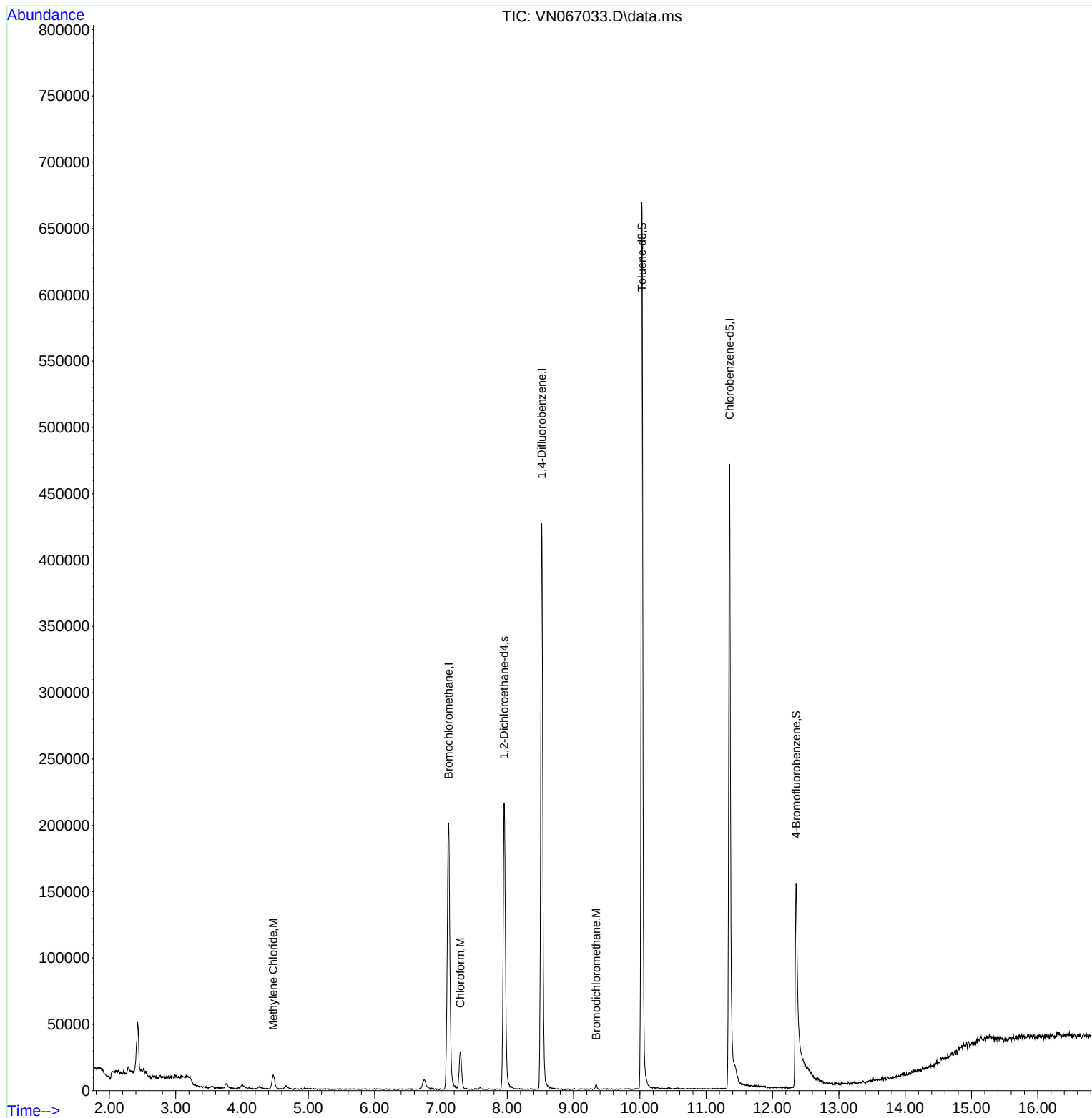
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
Data File : VN067033.D
Acq On : 7 May 2021 1:35
Operator : JC/MD
Sample : M2257-01 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 38 Sample Multiplier: 1

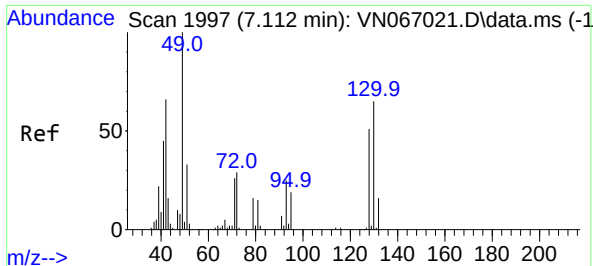
Instrument :
MSVOA_N
ClientSampleId :
14B-1

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:23:55 PM

Quant Time: May 07 07:32:16 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





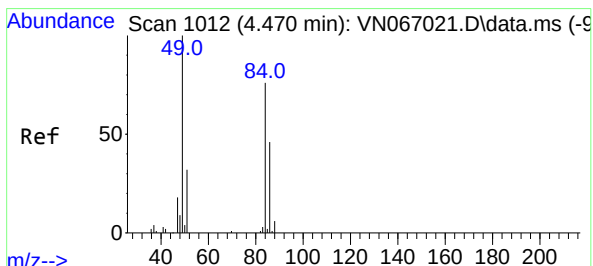
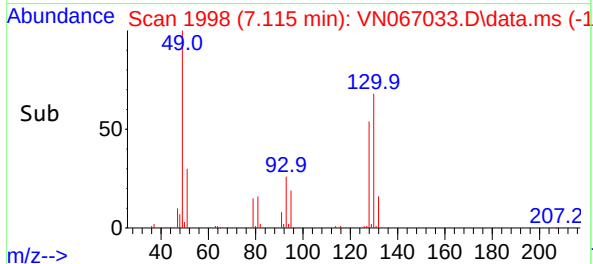
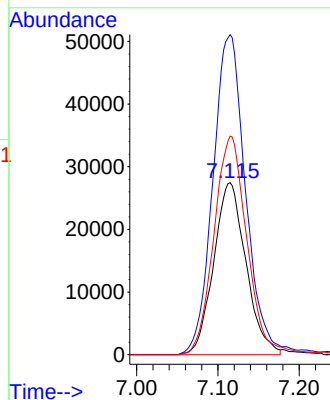
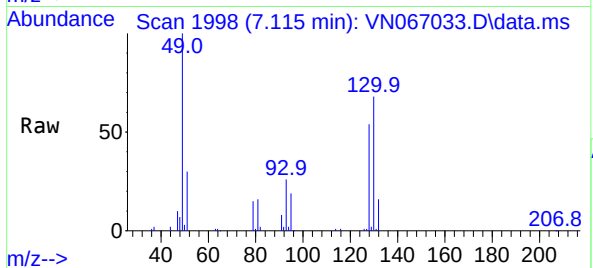
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35

Tgt Ion:128 Resp: 75740
Ion Ratio Lower Upper
128 100
49 187.0 0.0 486.3
130 129.8 0.0 326.0

Instrument :
MSVOA_N
ClientSampled :
14B-1

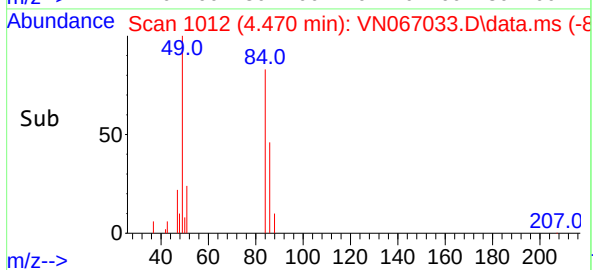
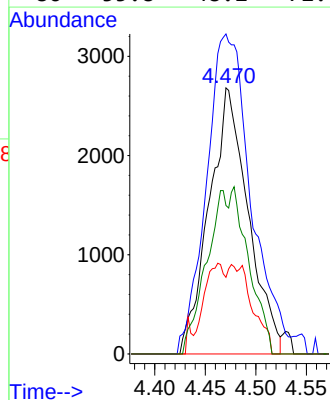
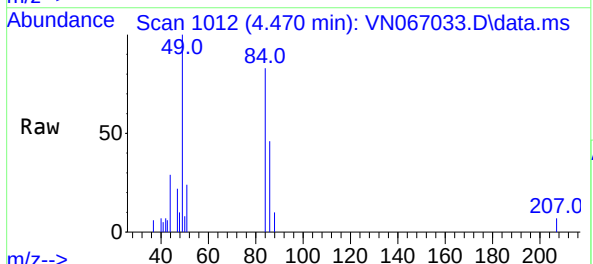
Manual Integrations
APPROVED

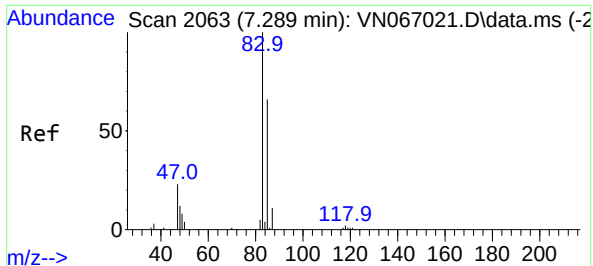
MMDadoda
5/7/2021 6:23:55 PM



#18
Methylene Chloride
Concen: 1.23 ug/l
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35

Tgt Ion: 84 Resp: 7215
Ion Ratio Lower Upper
84 100
49 113.5 105.0 157.6
51 28.8 33.3 49.9#
86 55.8 48.2 72.4





#25

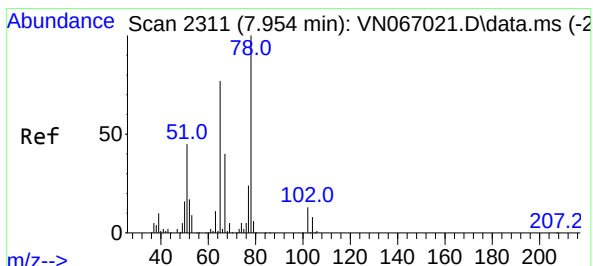
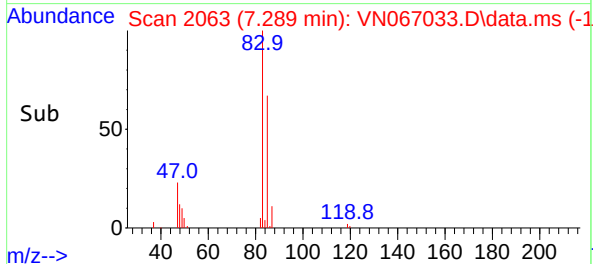
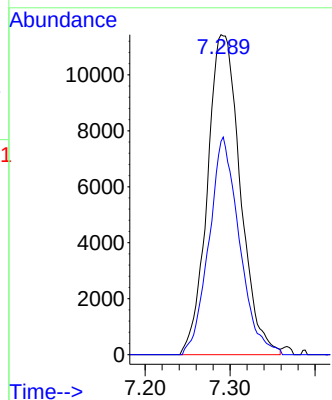
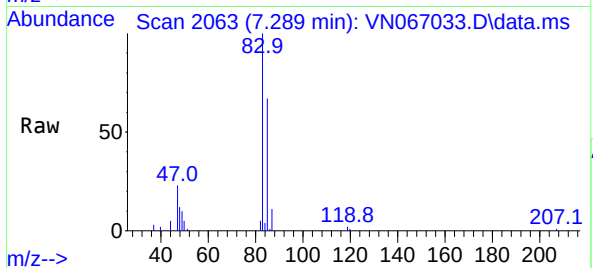
Chloroform
Concen: 3.09 ug/l
RT: 7.289 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35

Tgt Ion: 83 Resp: 30826
Ion Ratio Lower Upper
83 100
85 66.7 53.0 79.6

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Manual Integrations
APPROVED

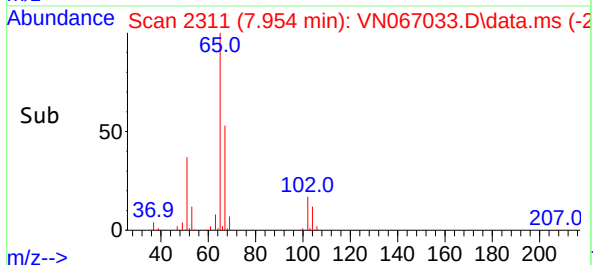
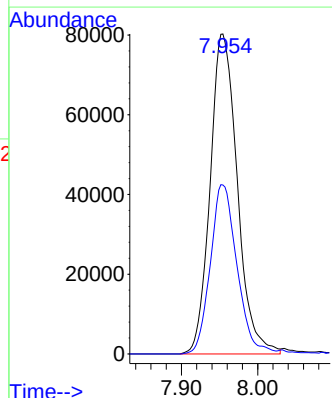
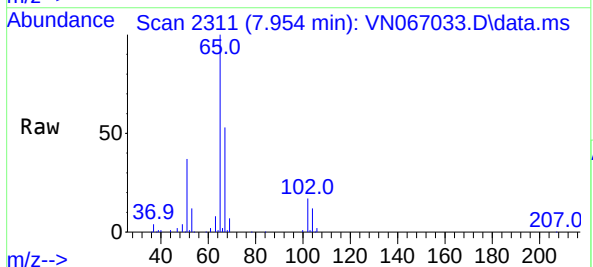
MMDadoda
5/7/2021 6:23:55 PM

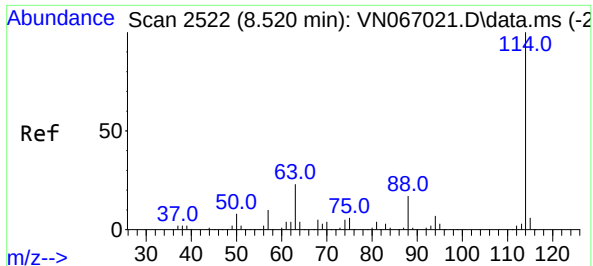


#27

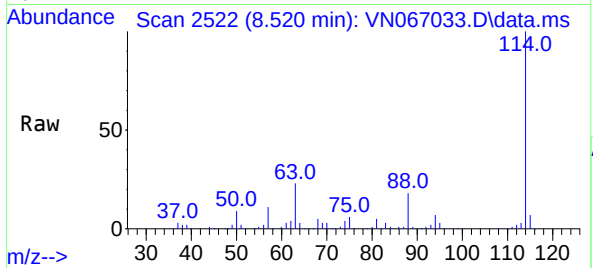
1,2-Dichloroethane-d4
Concen: 29.92 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35

Tgt Ion: 65 Resp: 198597
Ion Ratio Lower Upper
65 100
67 51.8 41.6 62.4

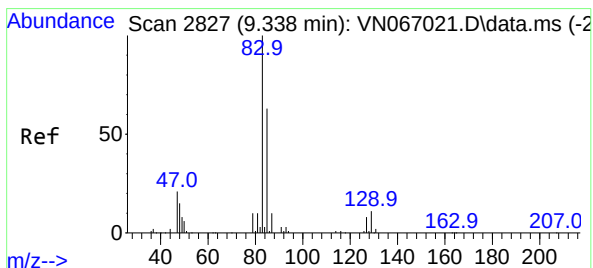
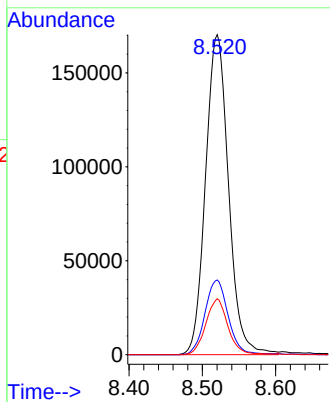
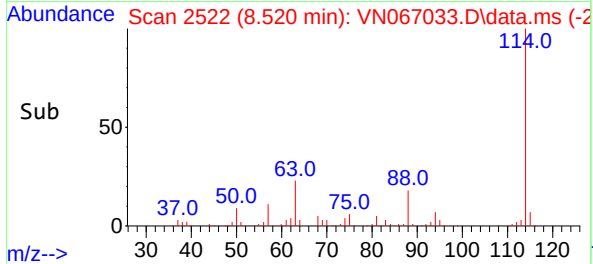




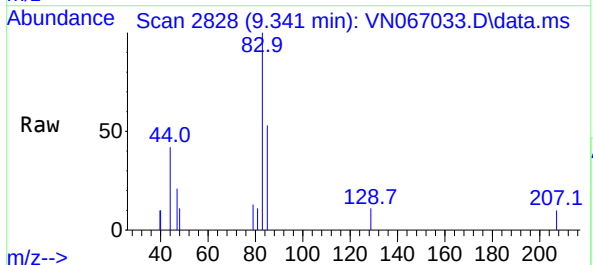
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35



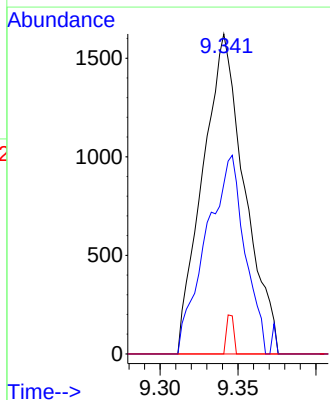
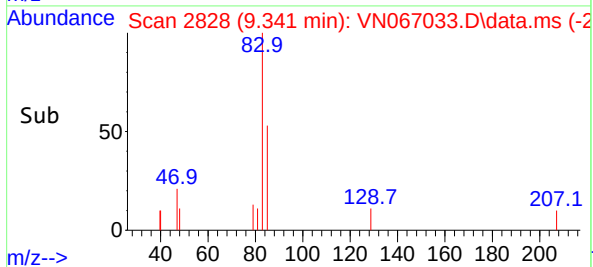
Tgt Ion: 114 Resp: 372116
Ion Ratio Lower Upper
114 100
63 23.5 18.8 28.2
88 16.7 13.8 20.6



#41
Bromodichloromethane
Concen: 0.40 ug/l
RT: 9.341 min Scan# 2828
Delta R.T. 0.003 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35



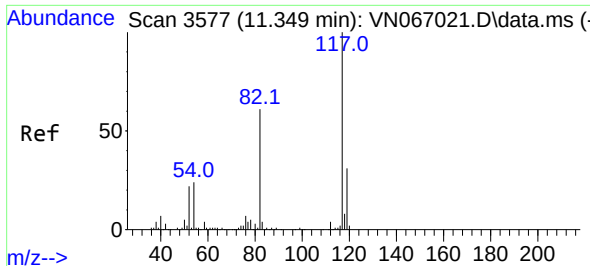
Tgt Ion: 83 Resp: 3029
Ion Ratio Lower Upper
83 100
85 53.1 50.0 75.0
127 0.0 6.5 9.7#



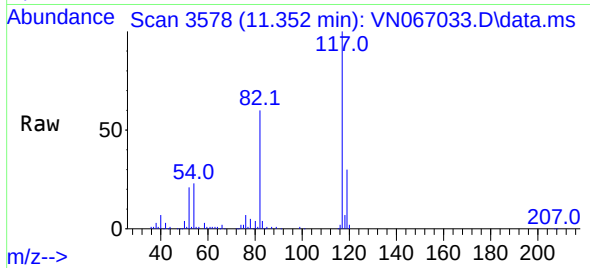
Instrument :
MSVOA_N
ClientSampled :
14B-1

Manual Integrations
APPROVED

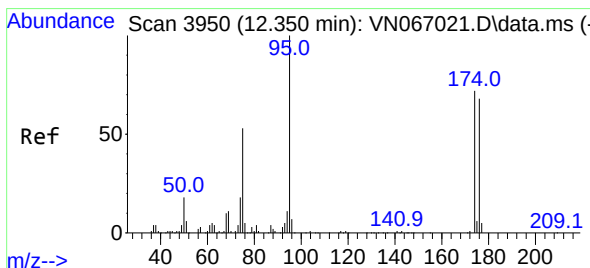
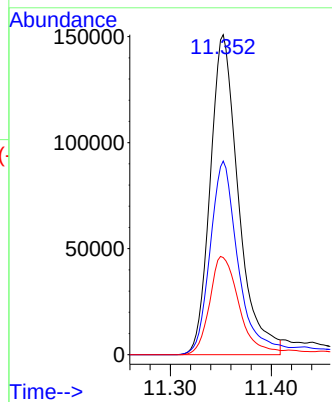
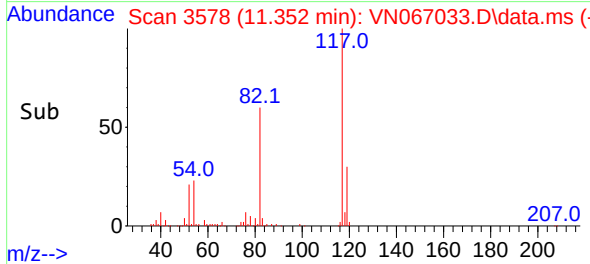
MMDadoda
5/7/2021 6:23:55 PM



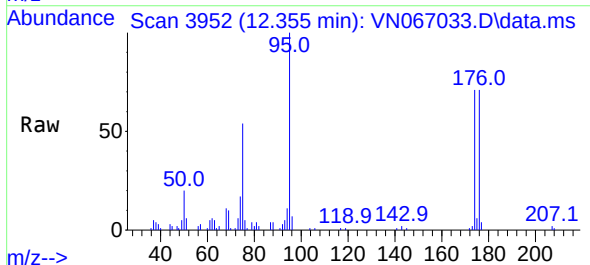
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35



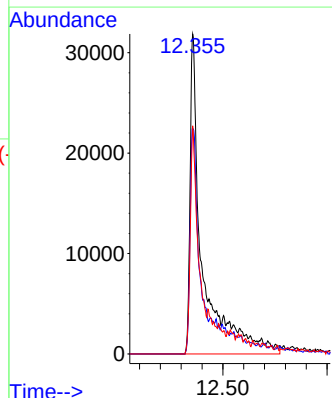
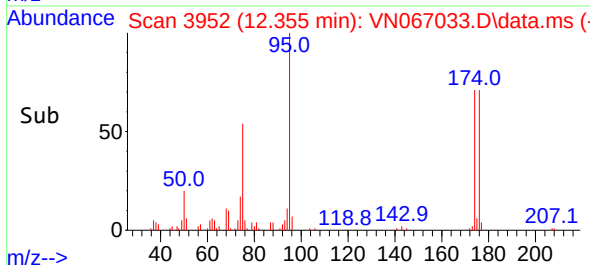
Tgt Ion: 117 Resp: 293125
Ion Ratio Lower Upper
117 100
82 60.8 49.3 73.9
119 32.1 25.5 38.3



#60
4-Bromofluorobenzene
Concen: 27.34 ug/l m
RT: 12.355 min Scan# 3952
Delta R.T. 0.005 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35



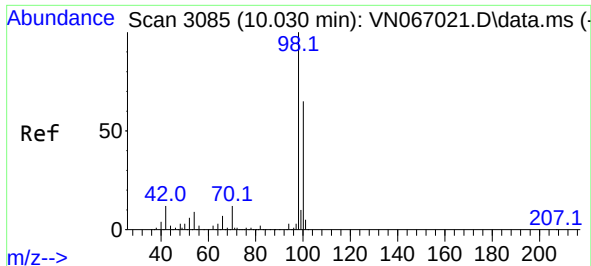
Tgt Ion: 95 Resp: 133338
Ion Ratio Lower Upper
95 100
174 43.2 57.2 85.8#
176 44.9 54.5 81.7#



Instrument :
MSVOA_N
ClientSampled :
14B-1

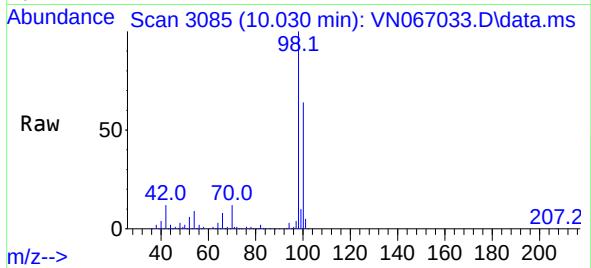
Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:23:55 PM



#63
Toluene-d8
Concen: 33.08 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067033.D
Acq: 7 May 2021 1:35

Instrument :
MSVOA_N
ClientSampled :
14B-1



Tgt Ion: 98 Resp: 480330
Ion Ratio Lower Upper
98 100
100 63.9 51.1 76.7

Manual Integrations
APPROVED

MMDadoda
5/7/2021 6:23:55 PM

