

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067038.D
 Acq On : 7 May 2021 3:34
 Operator : JC/MD
 Sample : M2274-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Manual Integrations
 APPROVED

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 5/7/2021 6:24:24 PM

Quant Time: May 07 07:33:21 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	7.112	128	74330	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	348167	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	290130	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	193460	29.70	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.00%	
60) 4-Bromofluorobenzene	12.355	95	123080m	25.50	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	85.00%	
63) Toluene-d8	10.030	98	450928	31.38	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	104.60%	
Target Compounds						Qvalue
18) Methylene Chloride	4.470	84	5227m	0.91	ug/l	
25) Chloroform	7.289	83	20710	2.12	ug/l	95

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

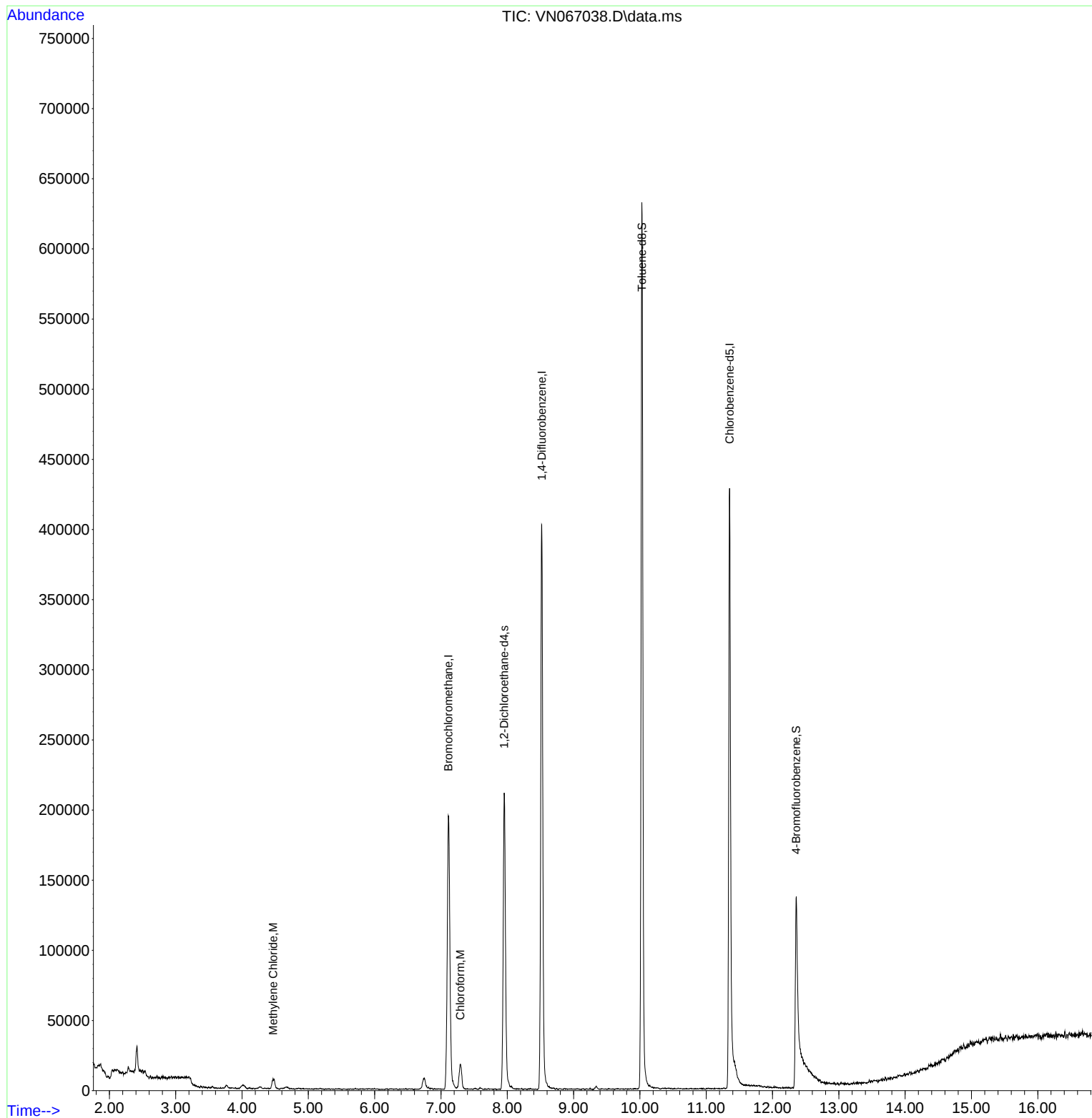
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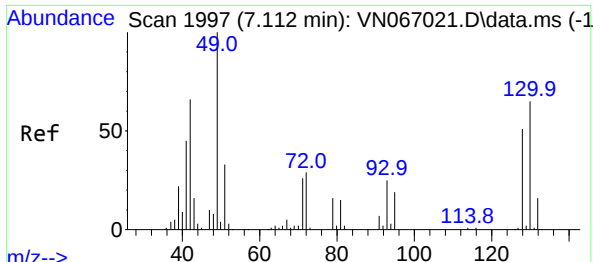
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Quant Time: May 07 07:33:21 2021
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QLast Update : Fri May 07 07:26:20 2021
Response via : Initial Calibration





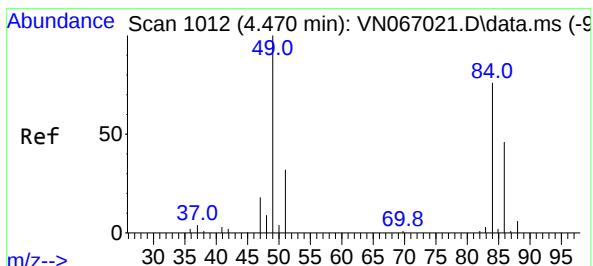
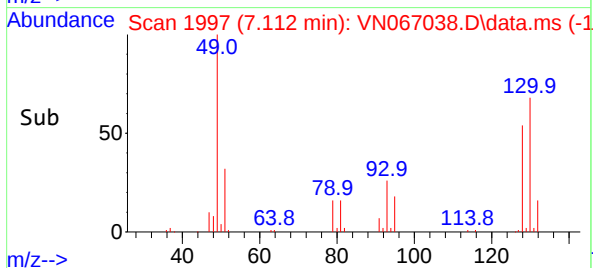
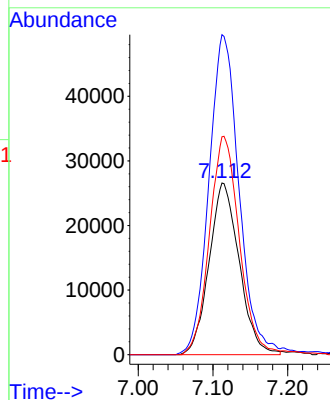
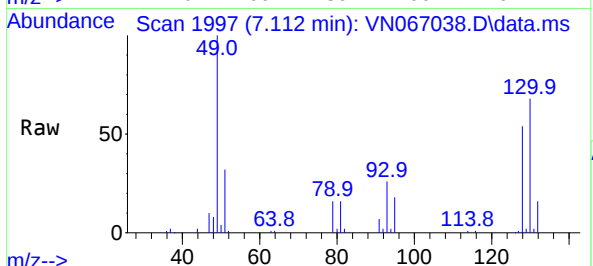
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.112 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34

Tgt Ion:	128	Resp:	74330
Ion	Ratio	Lower	Upper
128	100		
49	183.8	0.0	486.3
130	126.0	0.0	326.0

Instrument :
MSVOA_N
ClientSampled :
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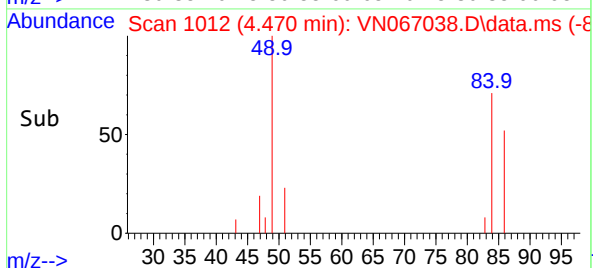
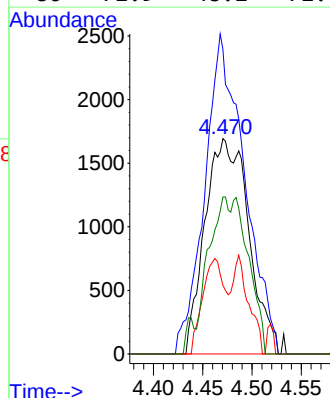
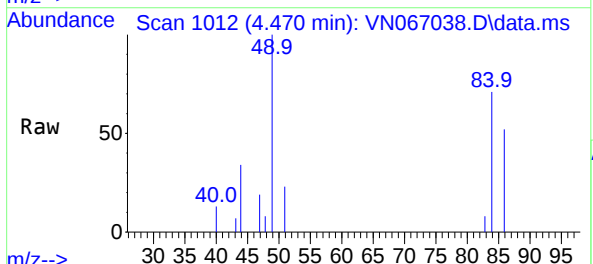
Manual Integrations
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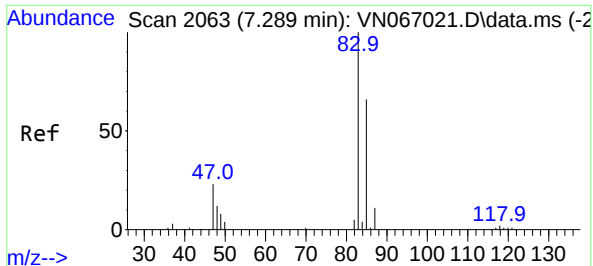
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#18
Methylene Chloride
Concen: 0.91 ug/l m
RT: 4.470 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34

Tgt Ion:	84	Resp:	5227
Ion	Ratio	Lower	Upper
84	100		
49	141.3	105.0	157.6
51	31.9	33.3	49.9#
86	72.9	48.2	72.4#





#25

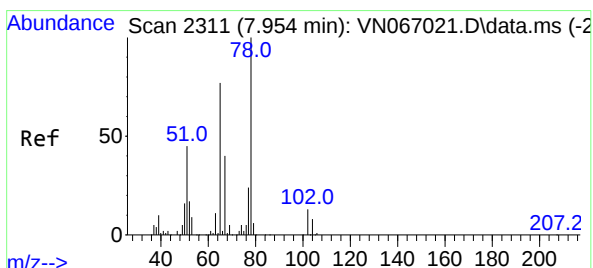
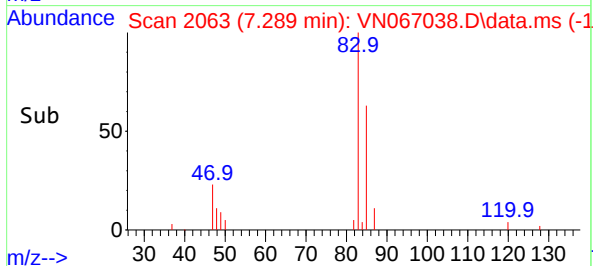
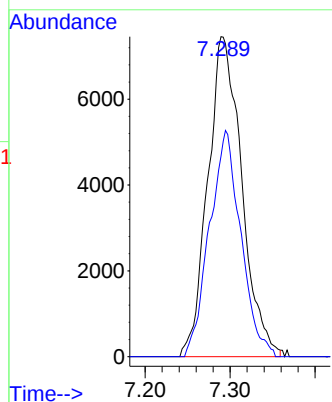
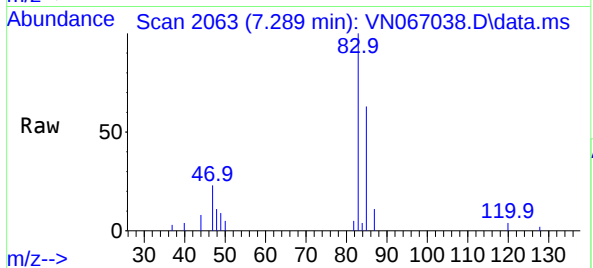
Chloroform
Concen: 2.12 ug/l
RT: 7.289 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34

Tgt Ion: 83 Resp: 20710
Ion Ratio Lower Upper
83 100
85 62.7 53.0 79.6

Instrument :
MSVOA_N
ClientSampled :
14B-2

Manual Integrations
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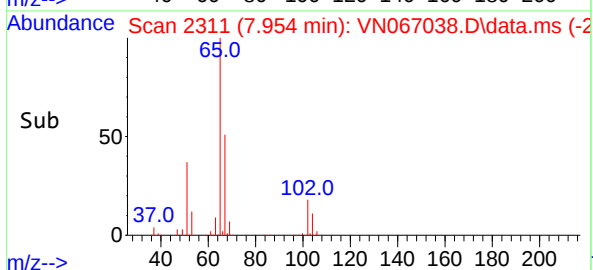
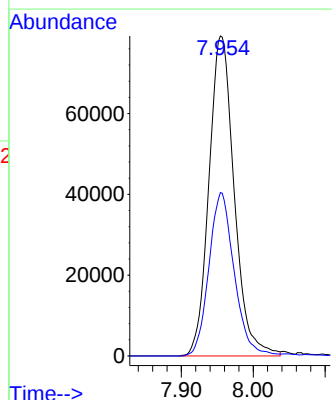
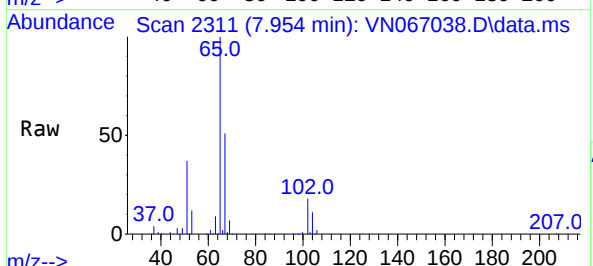
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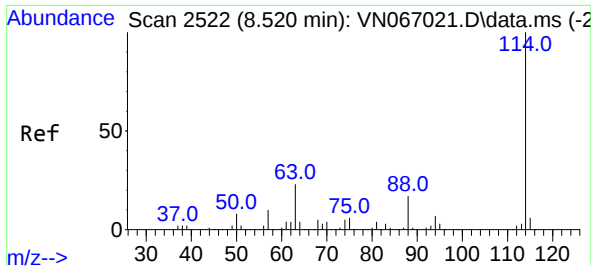


#27

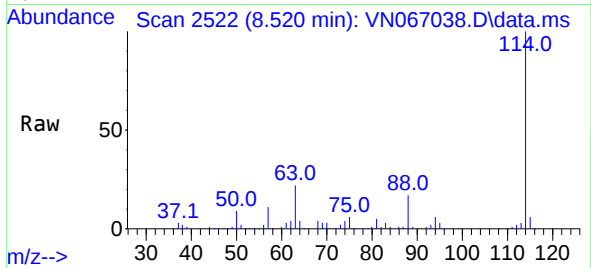
1,2-Dichloroethane-d4
Concen: 29.70 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34

Tgt Ion: 65 Resp: 193460
Ion Ratio Lower Upper
65 100
67 51.1 41.6 62.4

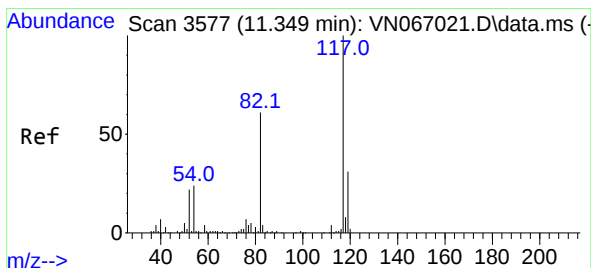
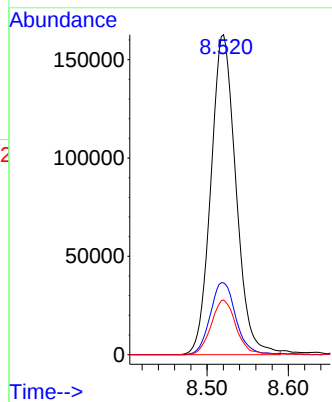
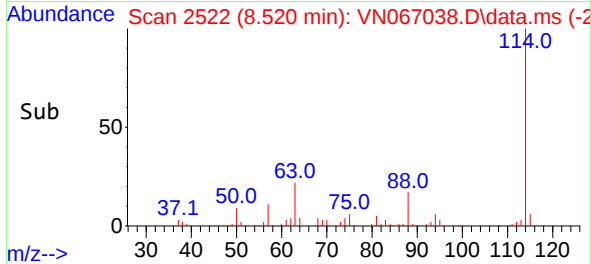




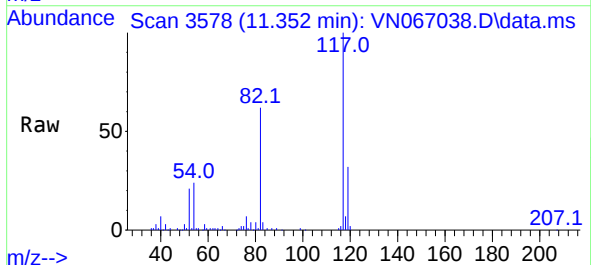
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34



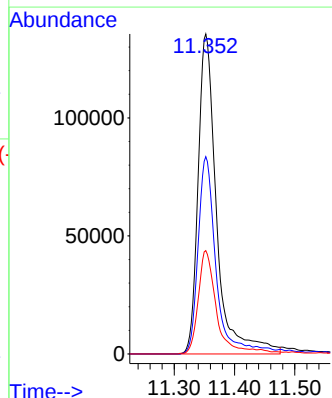
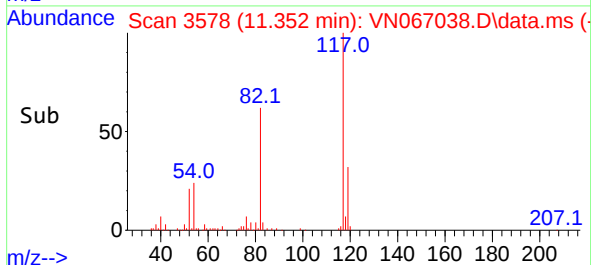
Tgt Ion:114 Resp: 348167
Ion Ratio Lower Upper
114 100
63 23.0 18.8 28.2
88 16.9 13.8 20.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34



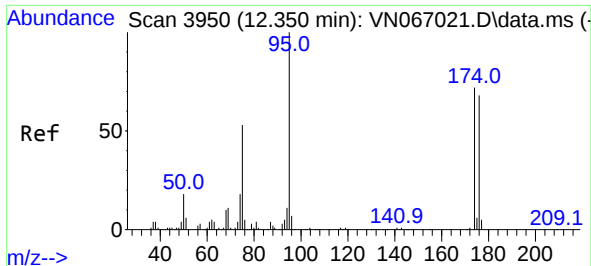
Tgt Ion:117 Resp: 290130
Ion Ratio Lower Upper
117 100
82 57.4 49.3 73.9
119 30.8 25.5 38.3



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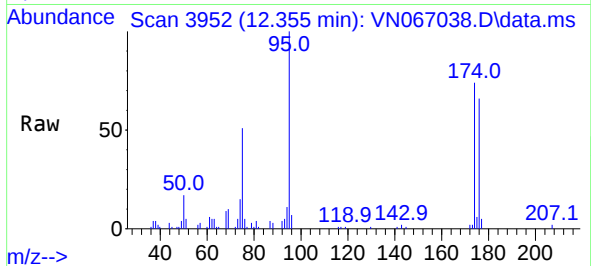
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#60
4-Bromofluorobenzene
Concen: 25.50 ug/l m
RT: 12.355 min Scan# 3952
Delta R.T. 0.005 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34

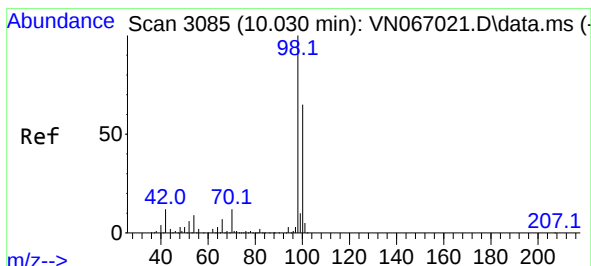
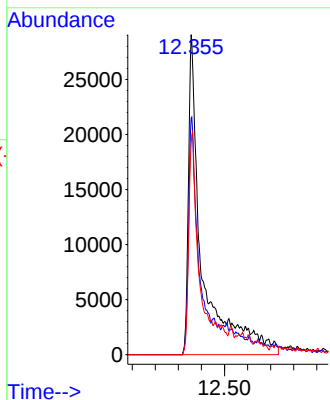
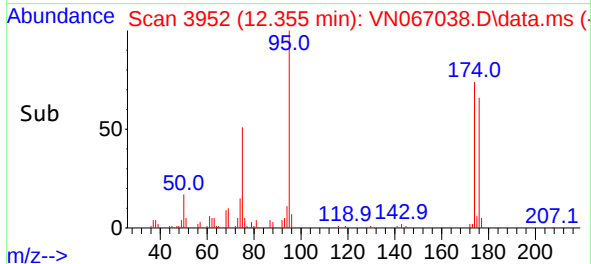
Instrument :
MSVOA_N
ClientSampled :
14B-2



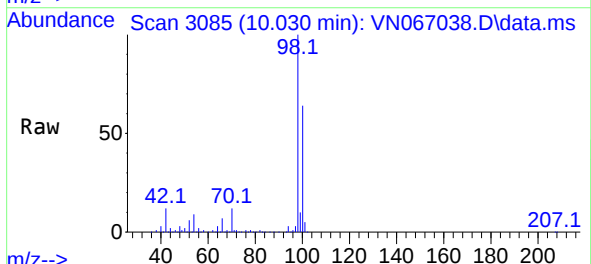
Tgt Ion: 95 Resp: 123080
Ion Ratio Lower Upper
95 100
174 50.0 57.2 85.8#
176 45.6 54.5 81.7#

Manual Integrations
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#63
Toluene-d8
Concen: 31.38 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067038.D
Acq: 7 May 2021 3:34



Tgt Ion: 98 Resp: 450928
Ion Ratio Lower Upper
98 100
100 63.2 51.1 76.7

