

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067034.D
 Acq On : 7 May 2021 1:59
 Operator : JC/MD
 Sample : M2257-02 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Manual Integrations
 APPROVED

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 5/7/2021 6:23:57 PM

Quant Time: May 07 07:32:30 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	78665	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	385302	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	312125	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	207370	30.08	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	100.27%	
60) 4-Bromofluorobenzene	12.358	95	136517m	26.29	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	87.63%	
63) Toluene-d8	10.030	98	496394	32.11	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	107.03%	
Target Compounds						Qvalue
18) Methylene Chloride	4.473	84	6480m	1.07	ug/l	
25) Chloroform	7.300	83	9215m	0.89	ug/l	

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

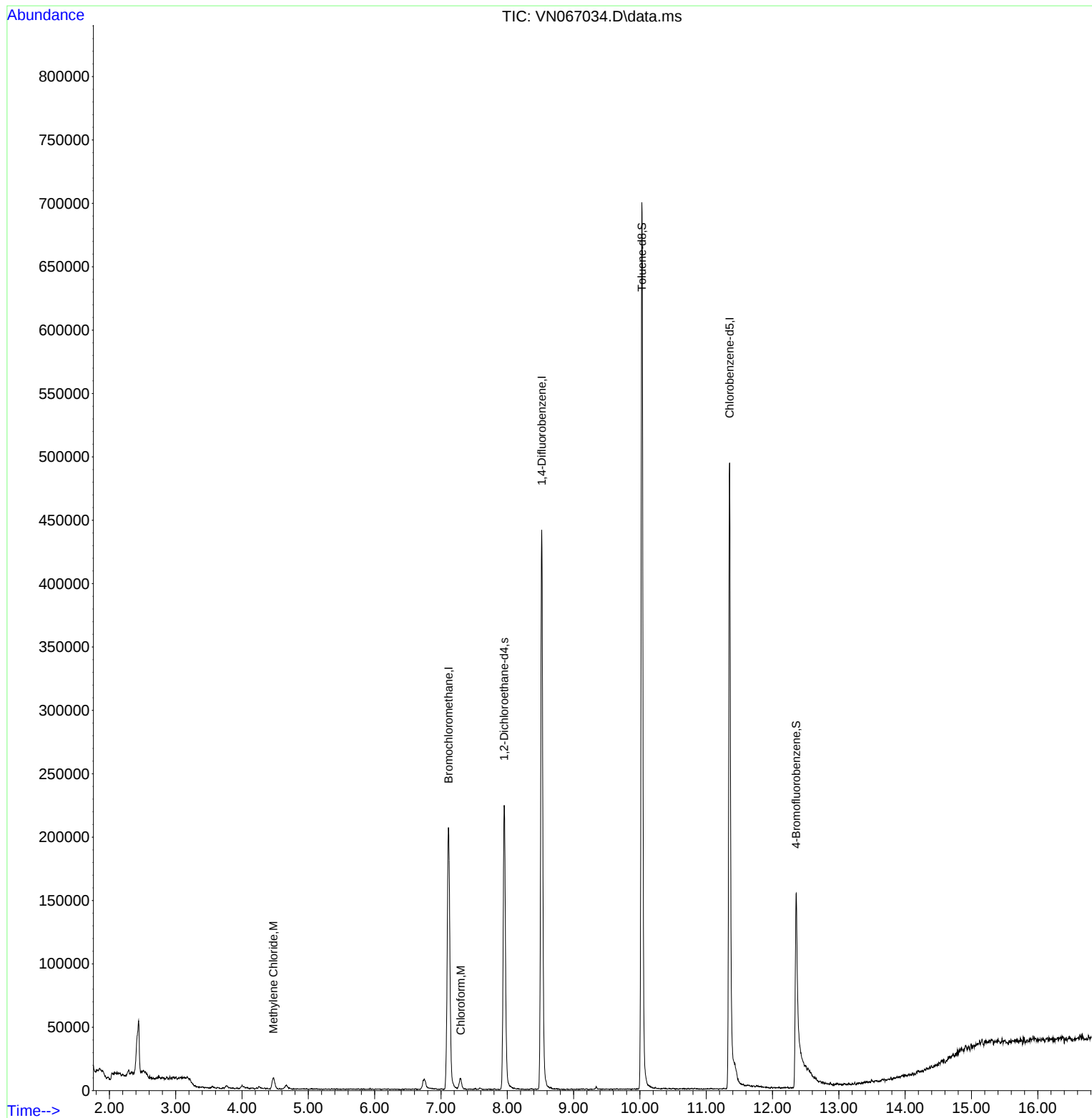
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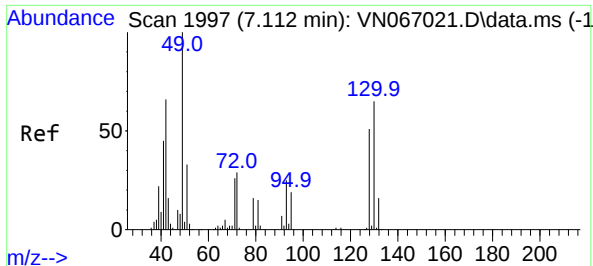
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QLast Update : Fri May 07 07:26:20 2021
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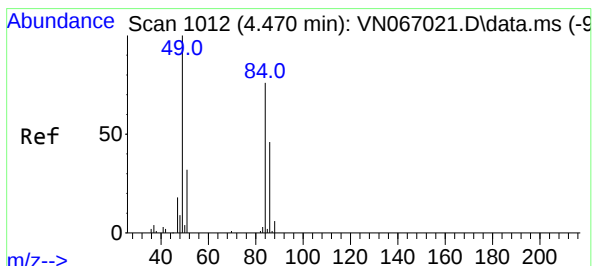
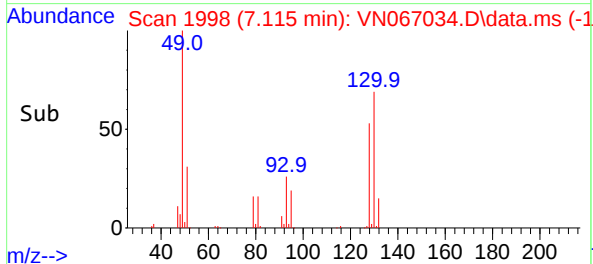
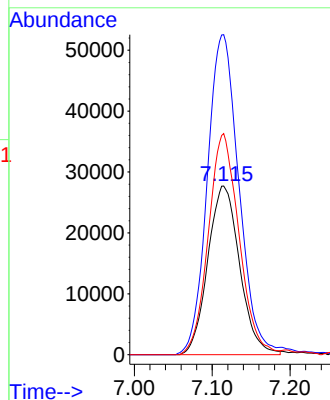
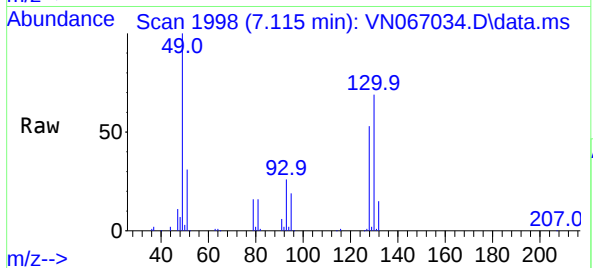
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59

Tgt Ion:	128	Resp:	78665
Ion	Ratio	Lower	Upper
128	100		
49	187.5	0.0	486.3
130	126.3	0.0	326.0

Instrument :
MSVOA_N
ClientSampled :
14B-2

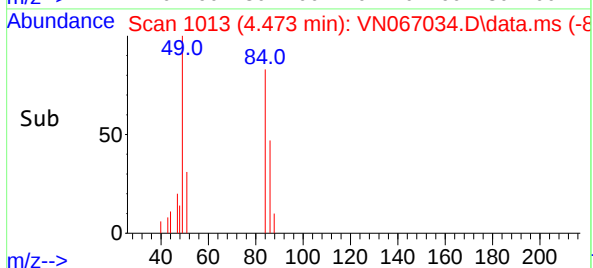
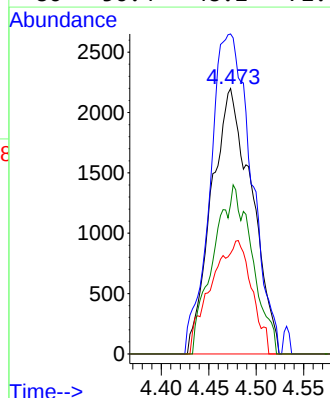
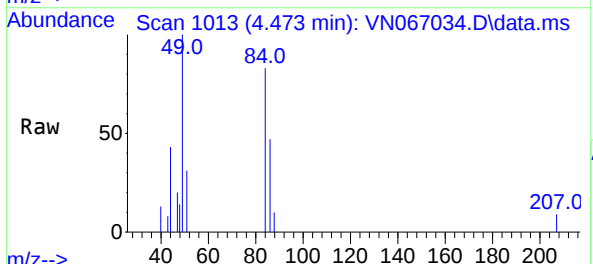
Manual Integrations
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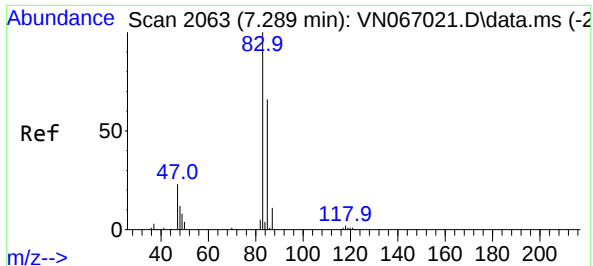
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#18
Methylene Chloride
Concen: 1.07 ug/l m
RT: 4.473 min Scan# 1013
Delta R.T. 0.003 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59

Tgt Ion:	84	Resp:	6480
Ion	Ratio	Lower	Upper
84	100		
49	120.6	105.0	157.6
51	37.9	33.3	49.9
86	56.4	48.2	72.4





#25

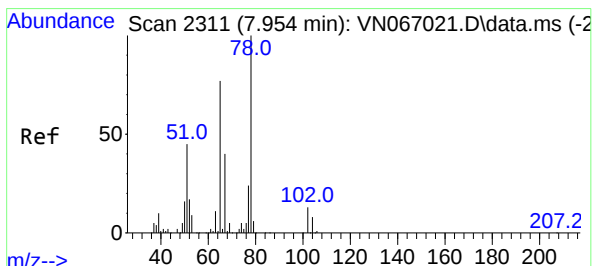
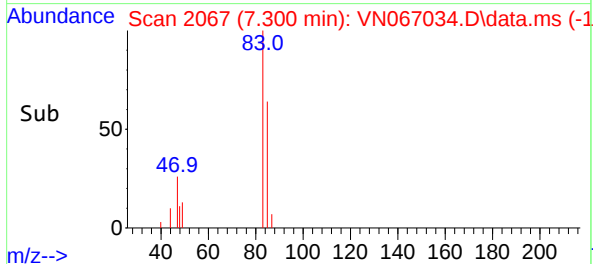
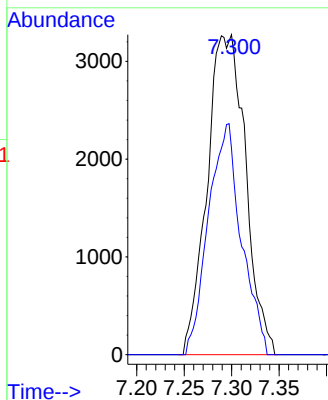
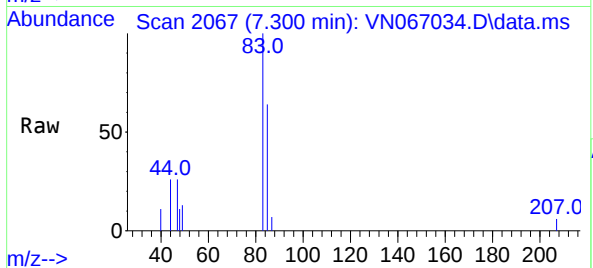
Chloroform
Concen: 0.89 ug/l m
RT: 7.300 min Scan# 2067
Delta R.T. 0.011 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59

Tgt Ion: 83 Resp: 9215
Ion Ratio Lower Upper
83 100
85 64.5 53.0 79.6

Instrument :
MSVOA_N
ClientSampled :
14B-2

Manual Integrations
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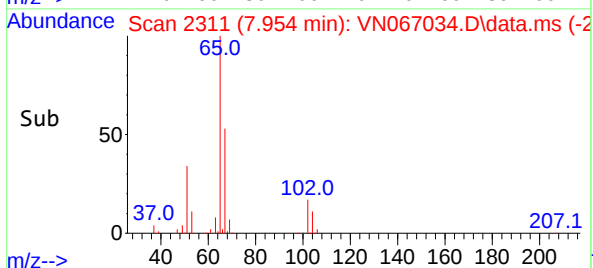
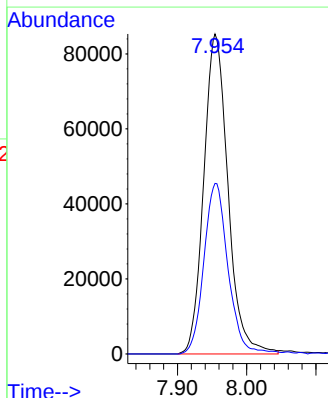
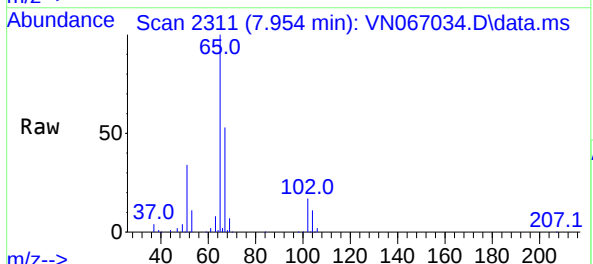
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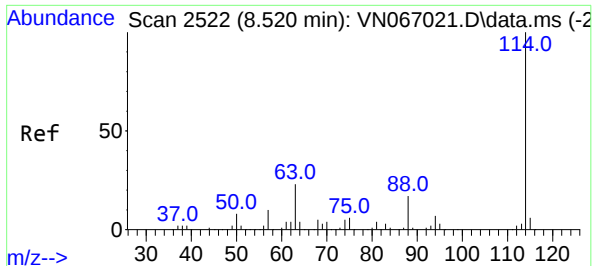


#27

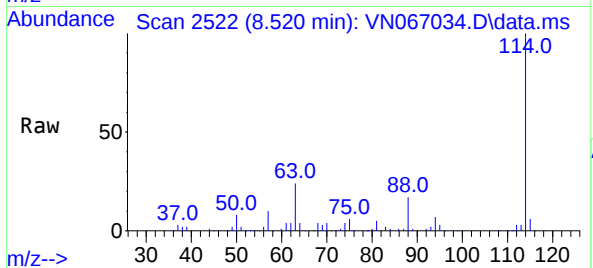
1,2-Dichloroethane-d4
Concen: 30.08 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59

Tgt Ion: 65 Resp: 207370
Ion Ratio Lower Upper
65 100
67 52.5 41.6 62.4

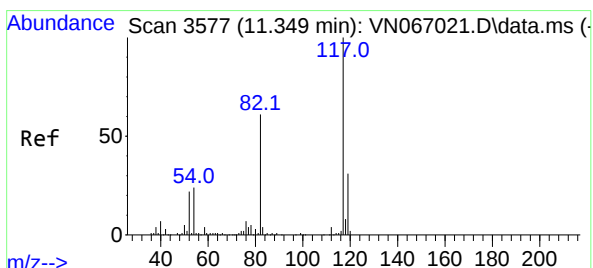
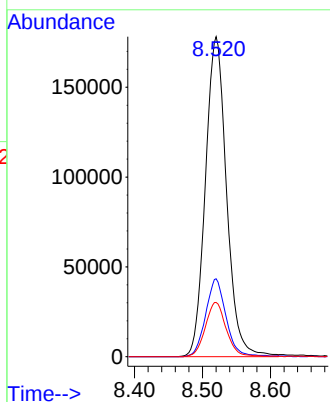
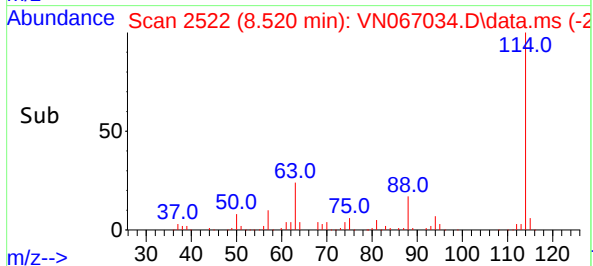




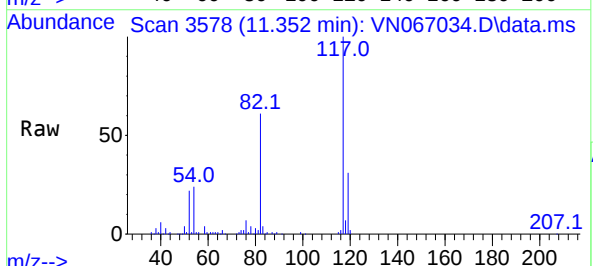
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59



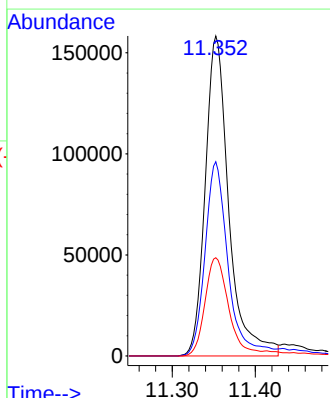
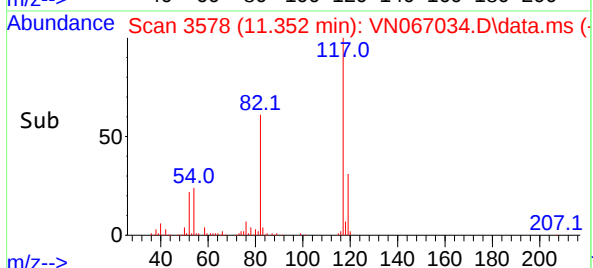
Tgt Ion:114 Resp: 385302
Ion Ratio Lower Upper
114 100
63 23.4 18.8 28.2
88 16.7 13.8 20.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59



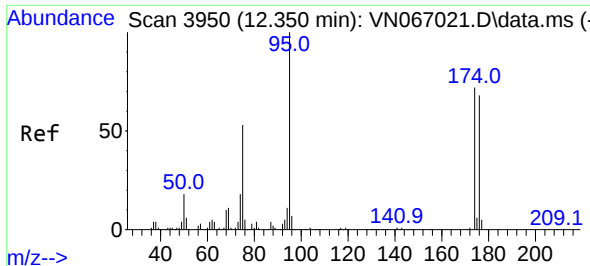
Tgt Ion:117 Resp: 312125
Ion Ratio Lower Upper
117 100
82 59.4 49.3 73.9
119 30.8 25.5 38.3



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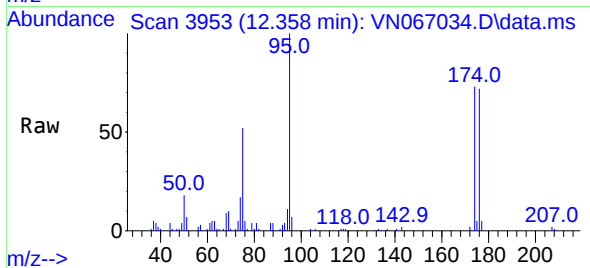
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#60
4-Bromofluorobenzene
Concen: 26.29 ug/l m
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59

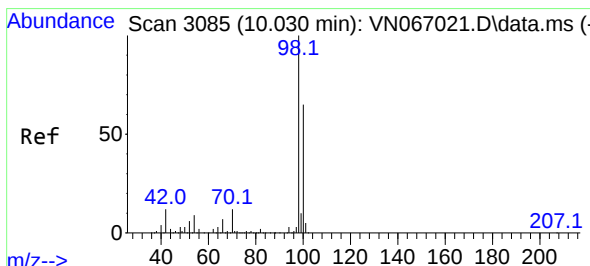
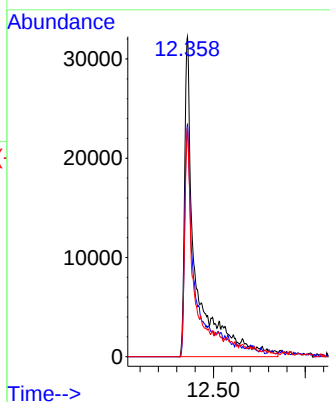
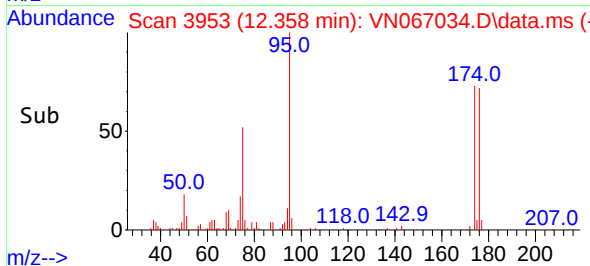
Instrument :
MSVOA_N
ClientSampled :
14B-2



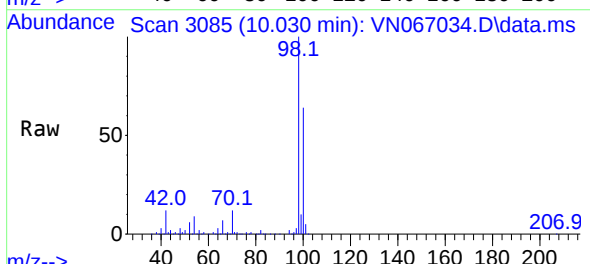
Tgt Ion: 95 Resp: 136517
Ion Ratio Lower Upper
95 100
174 44.9 57.2 85.8#
176 44.3 54.5 81.7#

Manual Integrations
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#63
Toluene-d8
Concen: 32.11 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067034.D
Acq: 7 May 2021 1:59



Tgt Ion: 98 Resp: 496394
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

