

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067039.D
 Acq On : 7 May 2021 3:58
 Operator : JC/MD
 Sample : M2274-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

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Quant Time: May 07 07:33:36 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	7.117	128	74131	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	349015	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	277868	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.957	65	192867	29.69	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.97%
60) 4-Bromofluorobenzene	12.358	95	125775m	27.21	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.70%
63) Toluene-d8	10.030	98	453069	32.92	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	109.73%
Target Compounds						
25) Chloroform	7.297	83	10204	1.05	ug/l	Qvalue 94

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

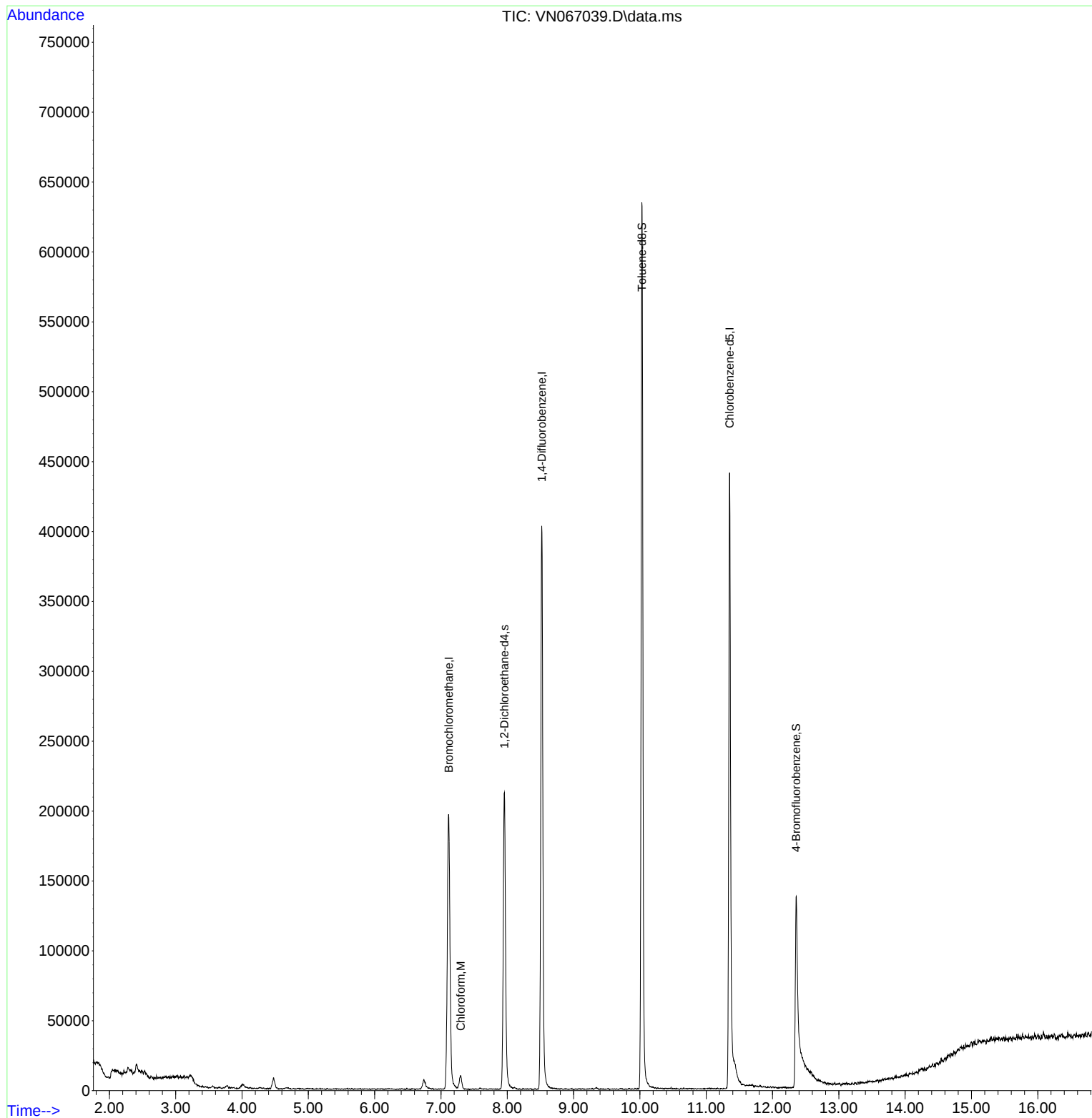
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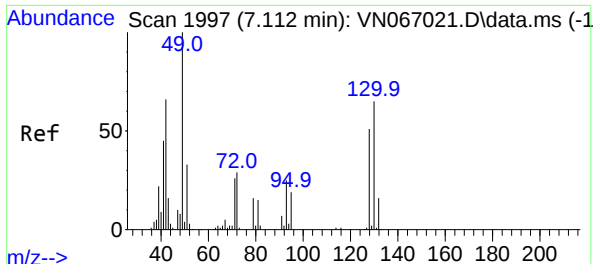
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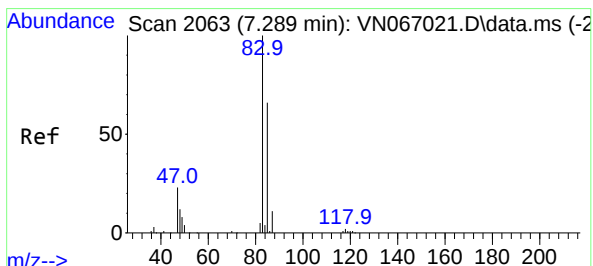
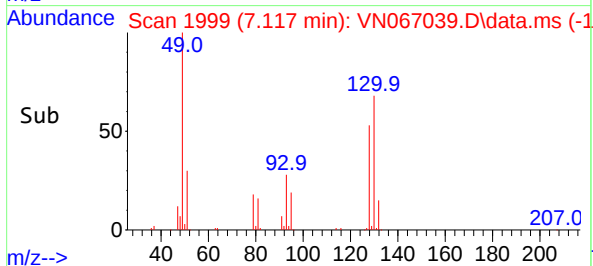
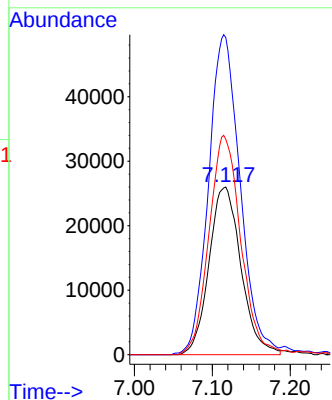
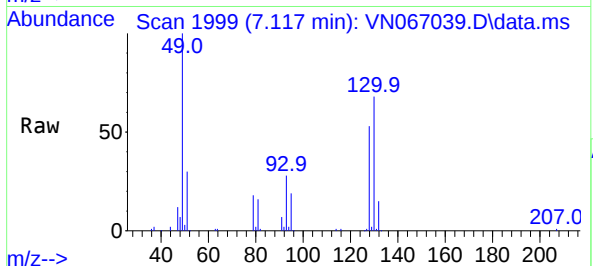
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.117 min Scan# 1999
Delta R.T. 0.005 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58

Tgt Ion:128 Resp: 74131
Ion Ratio Lower Upper
128 100
49 188.4 0.0 486.3
130 130.0 0.0 326.0

Instrument :
MSVOA_N
ClientSampled :
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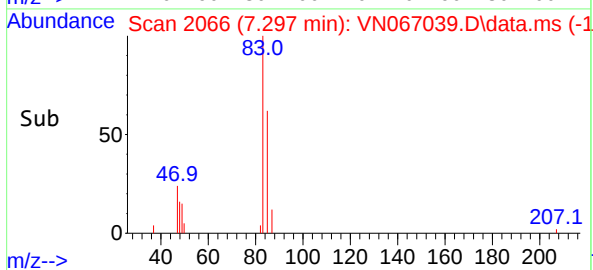
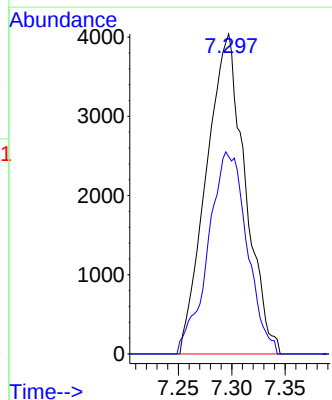
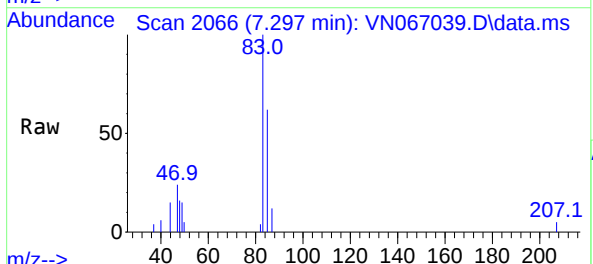
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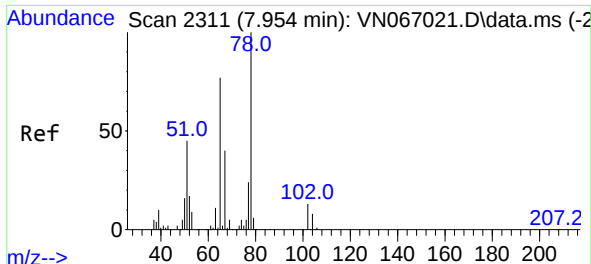
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#25
Chloroform
Concen: 1.05 ug/l
RT: 7.297 min Scan# 2066
Delta R.T. 0.008 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58

Tgt Ion: 83 Resp: 10204
Ion Ratio Lower Upper
83 100
85 61.7 53.0 79.6





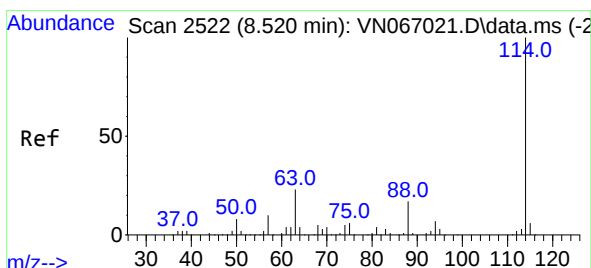
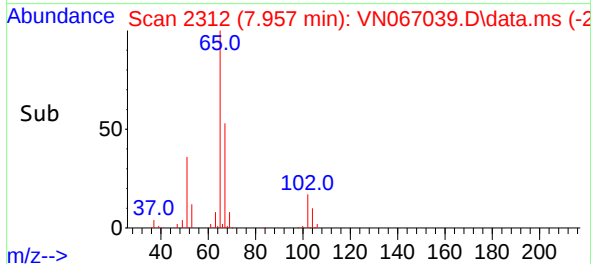
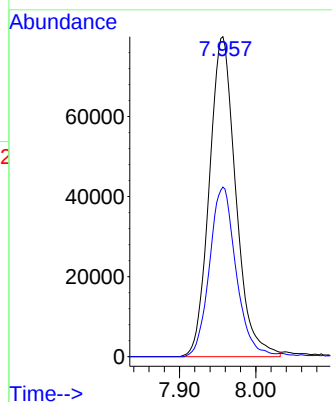
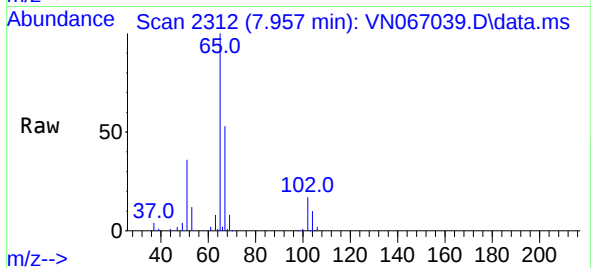
#27
1,2-Dichloroethane-d4
Concen: 29.69 ug/l
RT: 7.957 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58

Tgt Ion: 65 Resp: 192867
Ion Ratio Lower Upper
65 100
67 53.1 41.6 62.4

Instrument :
MSVOA_N
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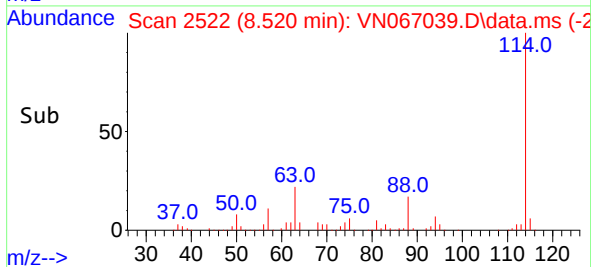
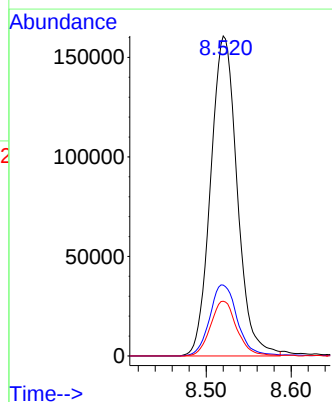
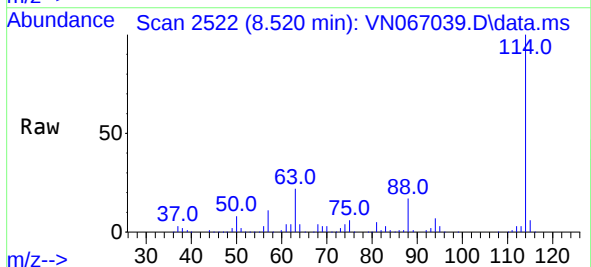
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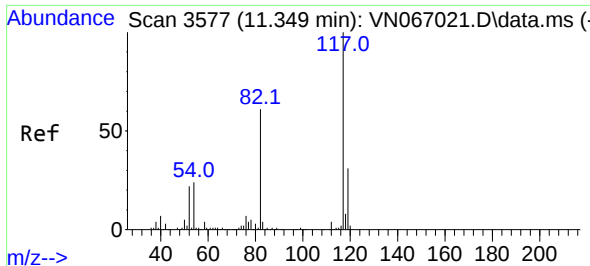
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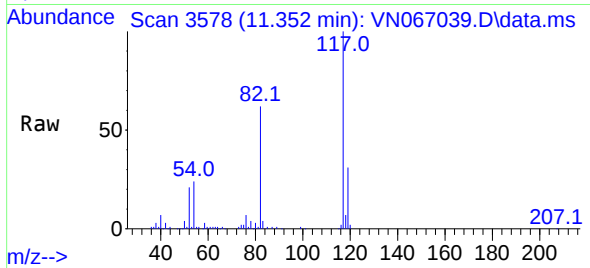
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58

Tgt Ion: 114 Resp: 349015
Ion Ratio Lower Upper
114 100
63 23.2 18.8 28.2
88 17.0 13.8 20.6

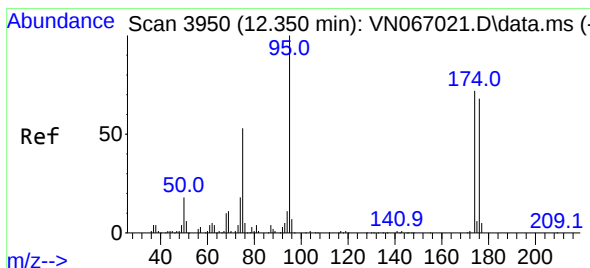
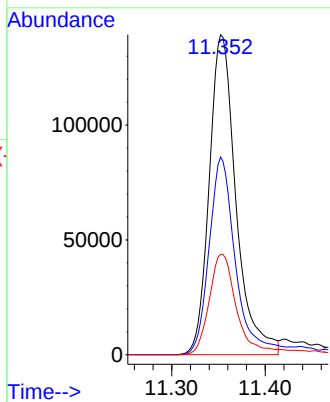
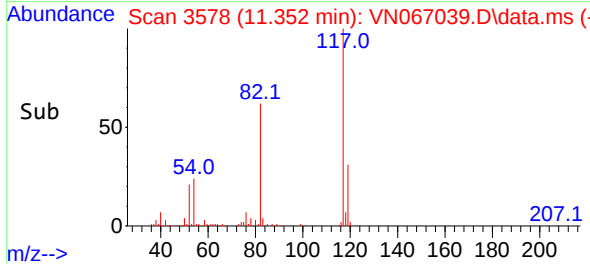




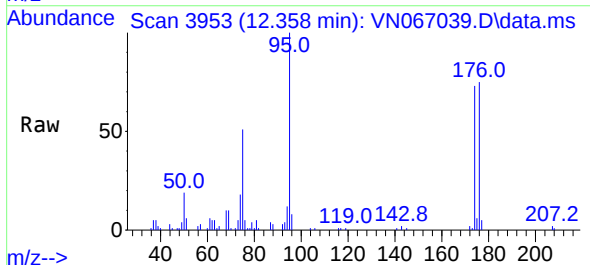
#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58



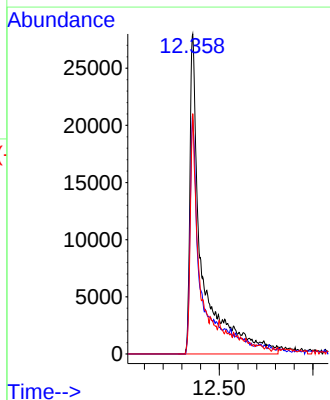
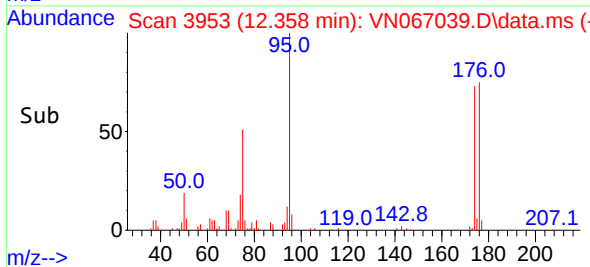
Tgt Ion:	117	Resp:	277868
Ion Ratio	Lower	Upper	
117	100		
82	61.2	49.3	73.9
119	31.9	25.5	38.3



#60
4-Bromofluorobenzene
Concen: 27.21 ug/l m
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58



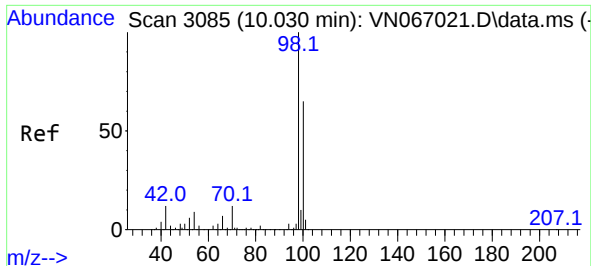
Tgt Ion:	95	Resp:	125775
Ion Ratio	Lower	Upper	
95	100		
174	44.2	57.2	85.8#
176	40.2	54.5	81.7#



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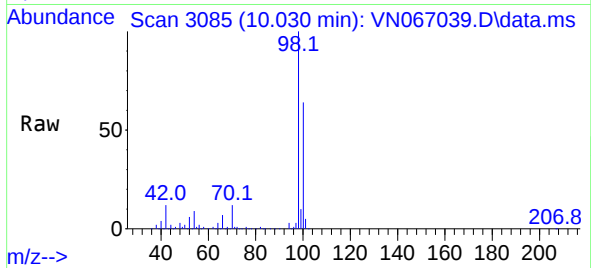
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#63
Toluene-d8
Concen: 32.92 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. -0.000 min
Lab File: VN067039.D
Acq: 7 May 2021 3:58

Instrument :
MSVOA_N
ClientSampled :
14B-3



Tgt Ion: 98 Resp: 453069
Ion Ratio Lower Upper
98 100
100 63.6 51.1 76.7

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