

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067040.D
 Acq On : 7 May 2021 4:22
 Operator : JC/MD
 Sample : M2274-04 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Manual Integrations
 APPROVED

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 5/7/2021 6:24:28 PM

Quant Time: May 07 07:33:49 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	7.120	128	71806	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	331593	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	267902	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	188764	30.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.00%
60) 4-Bromofluorobenzene	12.358	95	123102m	27.62	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	92.07%
63) Toluene-d8	10.030	98	429479	32.36	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.87%
Target Compounds						
18) Methylene Chloride	4.481	84	5153m	0.93	ug/l	Qvalue
25) Chloroform	7.297	83	9878	1.05	ug/l	85

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

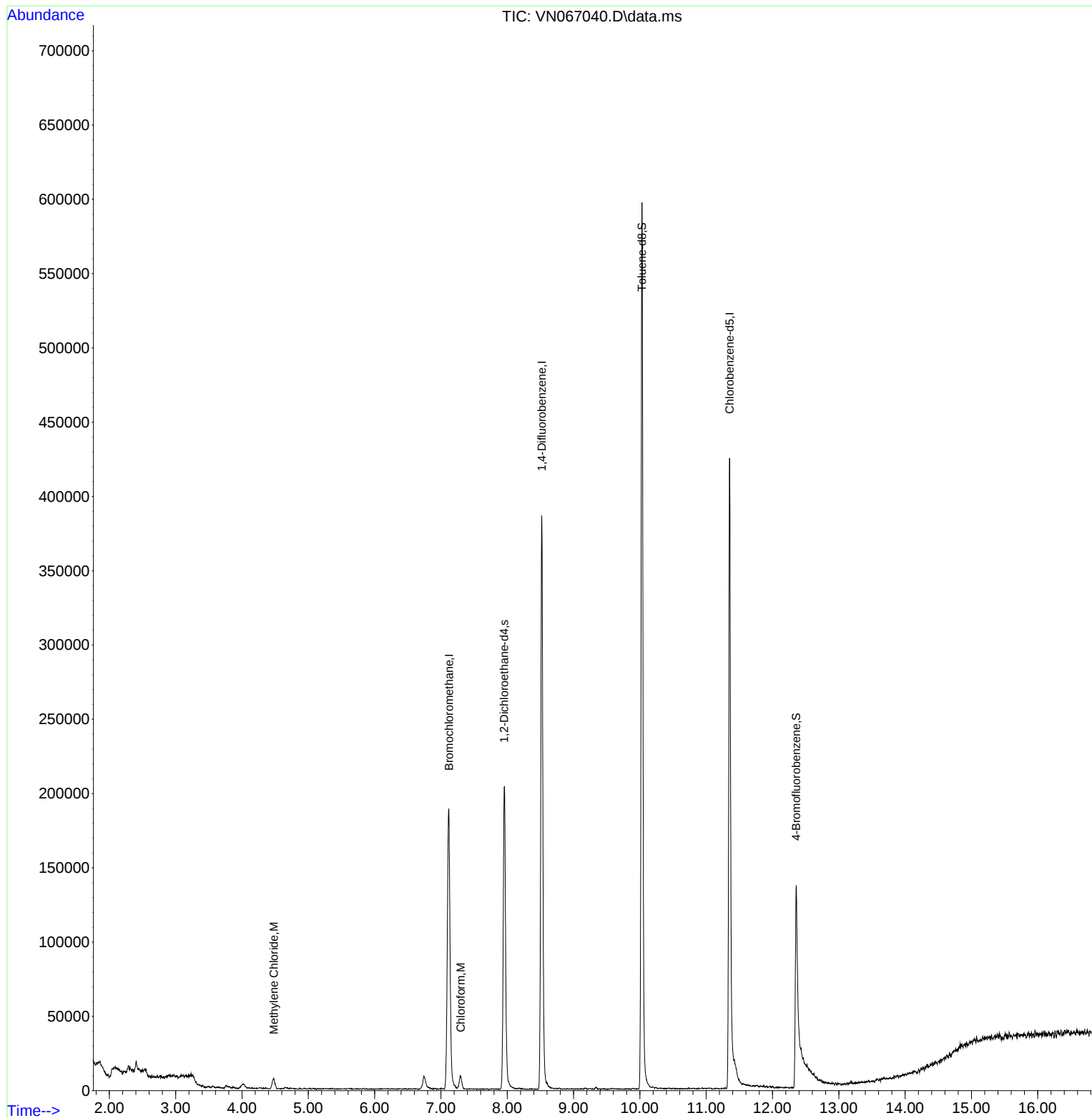
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
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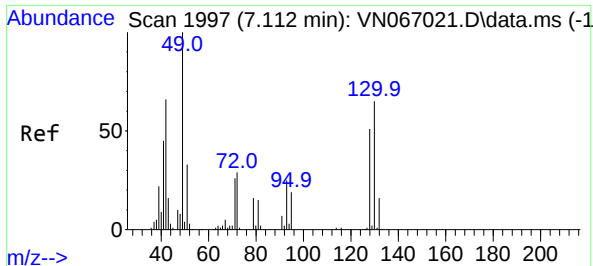
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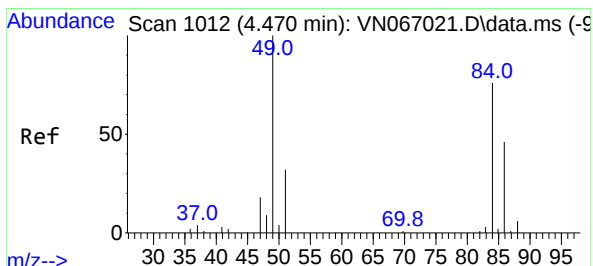
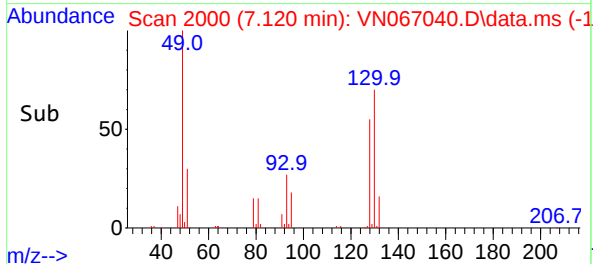
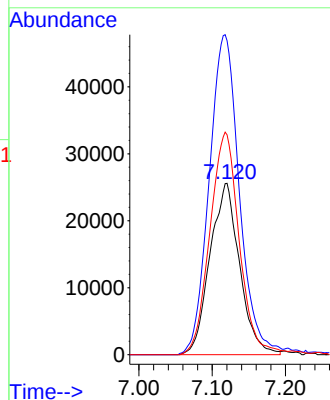
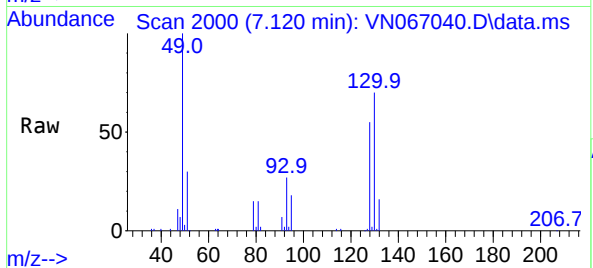
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.120 min Scan# 2000
Delta R.T. 0.008 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22

Tgt Ion:128 Resp: 71806
Ion Ratio Lower Upper
128 100
49 189.0 0.0 486.3
130 128.7 0.0 326.0

Instrument :
MSVOA_N
ClientSampled :
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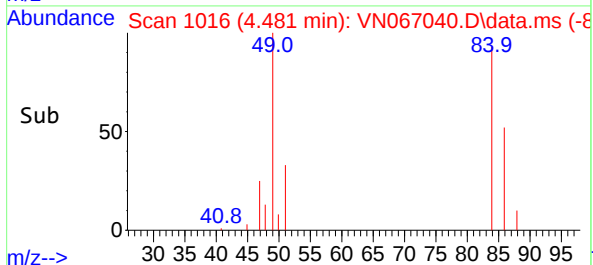
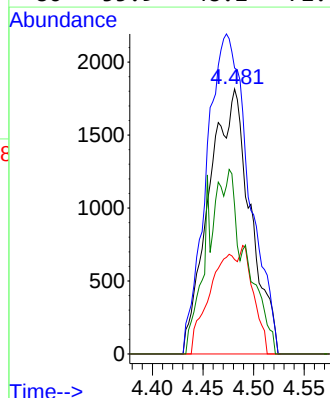
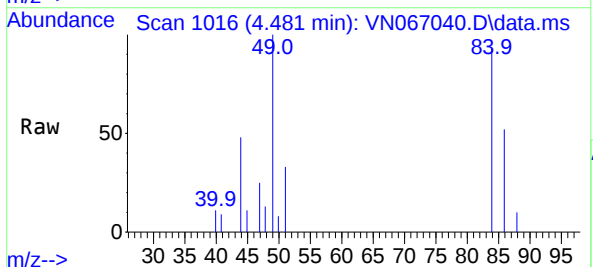
Manual Integrations
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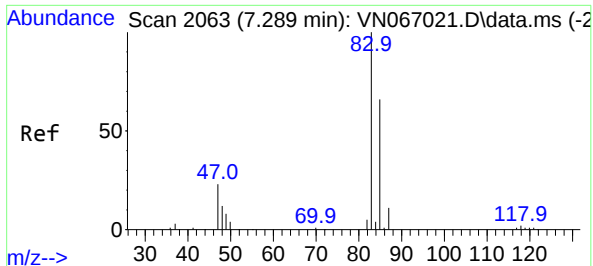
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#18
Methylene Chloride
Concen: 0.93 ug/l m
RT: 4.481 min Scan# 1016
Delta R.T. 0.011 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22

Tgt Ion: 84 Resp: 5153
Ion Ratio Lower Upper
84 100
49 107.9 105.0 157.6
51 35.6 33.3 49.9
86 55.9 48.2 72.4





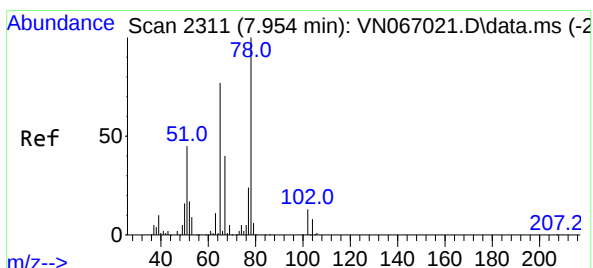
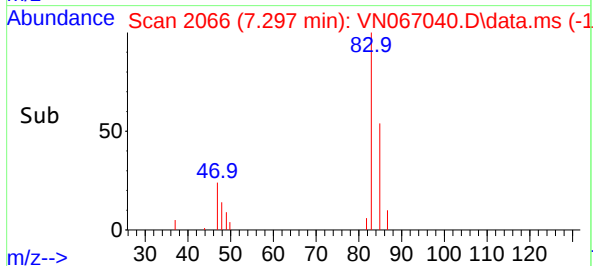
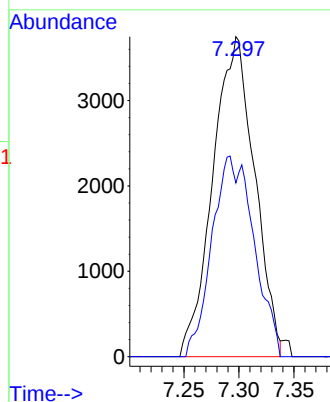
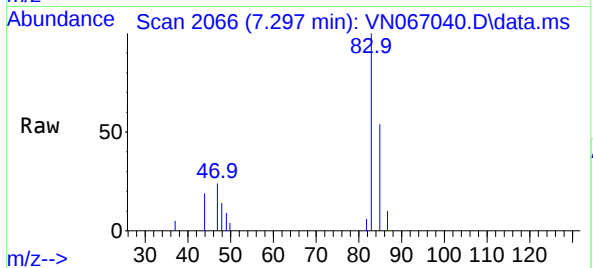
#25
Chloroform
Concen: 1.05 ug/l
RT: 7.297 min Scan# 2066
Delta R.T. 0.008 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22

Tgt Ion: 83 Resp: 9878
Ion Ratio Lower Upper
83 100
85 54.3 53.0 79.6

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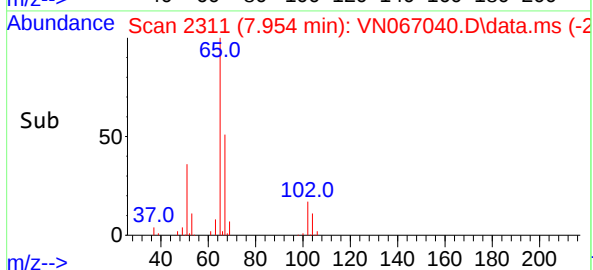
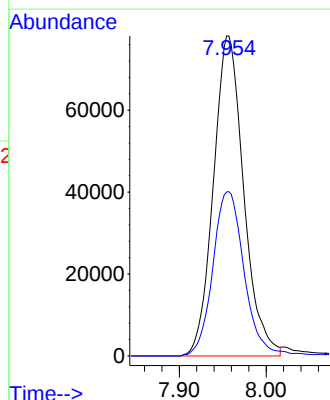
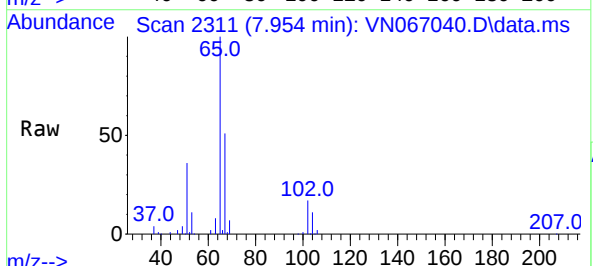
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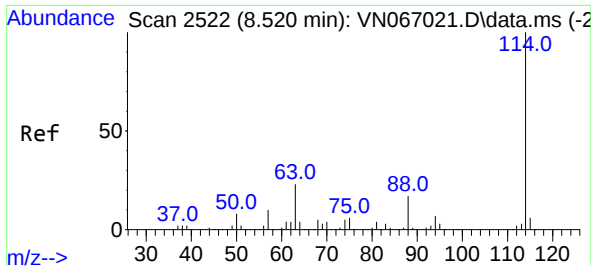
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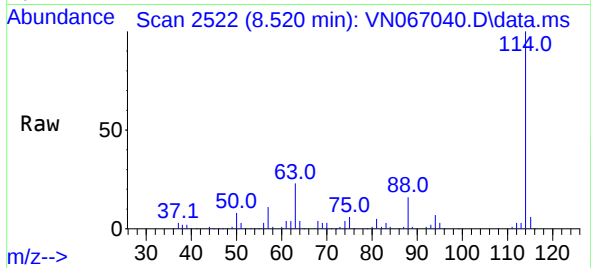
#27
1,2-Dichloroethane-d4
Concen: 30.00 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22

Tgt Ion: 65 Resp: 188764
Ion Ratio Lower Upper
65 100
67 53.1 41.6 62.4

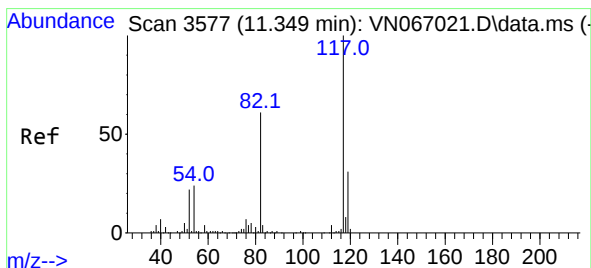
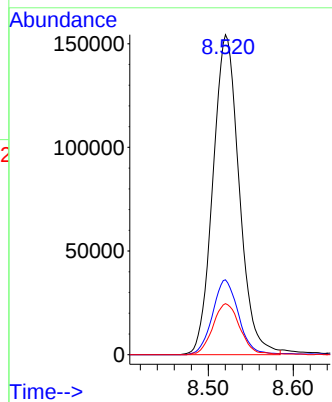
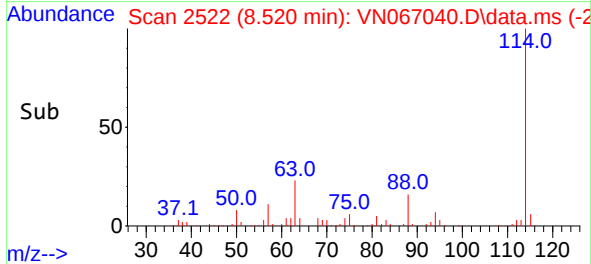




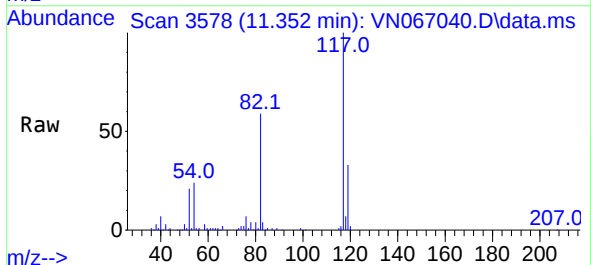
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22



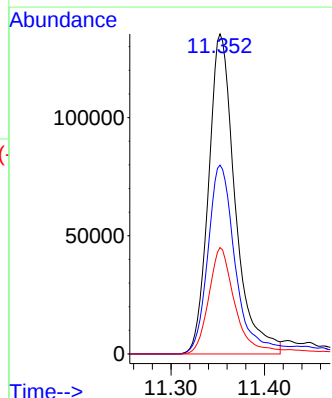
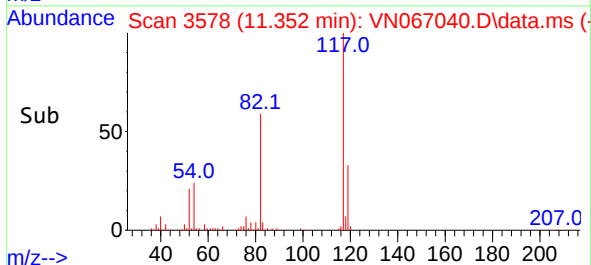
Tgt Ion:114 Resp: 331593
Ion Ratio Lower Upper
114 100
63 23.2 18.8 28.2
88 16.4 13.8 20.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22



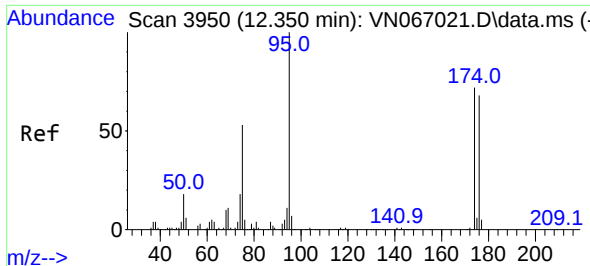
Tgt Ion:117 Resp: 267902
Ion Ratio Lower Upper
117 100
82 61.4 49.3 73.9
119 32.8 25.5 38.3



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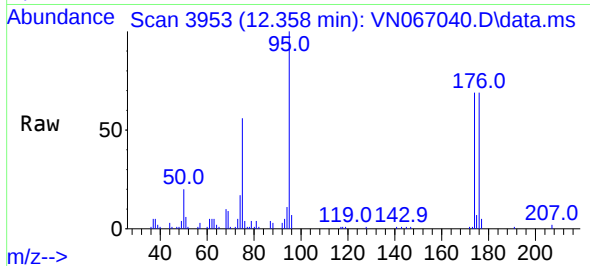
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#60
4-Bromofluorobenzene
Concen: 27.62 ug/l m
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22

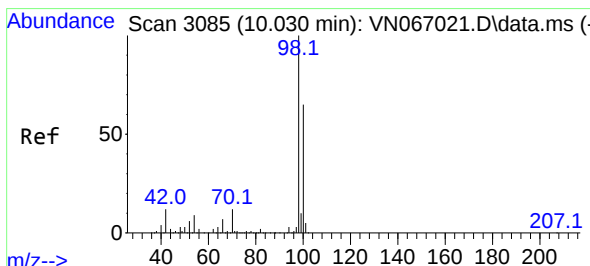
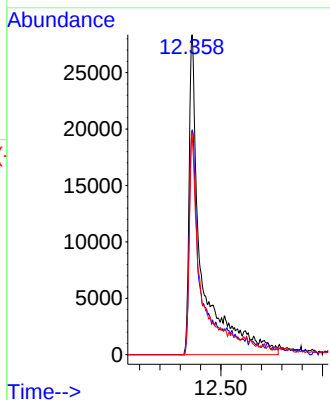
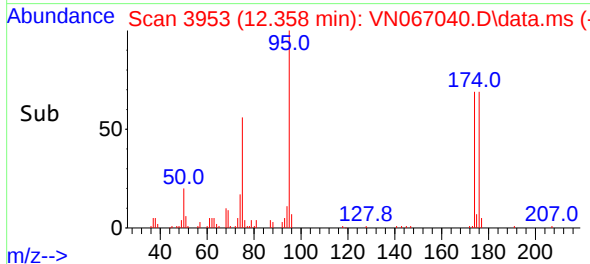
Instrument :
MSVOA_N
ClientSampled :
14B-4



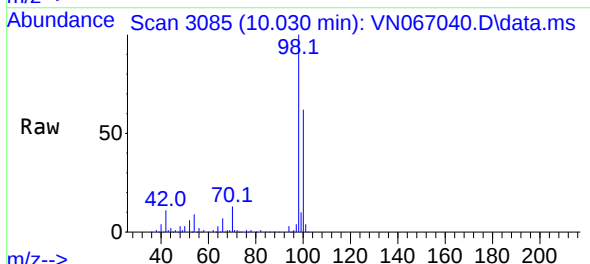
Tgt Ion: 95 Resp: 123102
Ion Ratio Lower Upper
95 100
174 42.2 57.2 85.8#
176 44.3 54.5 81.7#

Manual Integrations
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#63
Toluene-d8
Concen: 32.36 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067040.D
Acq: 7 May 2021 4:22



Tgt Ion: 98 Resp: 429479
Ion Ratio Lower Upper
98 100
100 63.0 51.1 76.7

