

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050821\
 Data File : VN067056.D
 Acq On : 7 May 2021 17:22
 Operator : JC/MD
 Sample : M2257-03 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-3

Manual Integrations
 APPROVED

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 5/10/2021 2:24:13 PM

Quant Time: May 08 03:25:48 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	7.109	128	76977	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.517	114	381978	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	307949	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.952	65	198992	29.50	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	98.33%	
60) 4-Bromofluorobenzene	12.355	95	141749m	27.67	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	92.23%	
63) Toluene-d8	10.030	98	489117	32.07	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	106.90%	
Target Compounds						Qvalue
25) Chloroform	7.292	83	29119	2.87	ug/l	94
41) Bromodichloromethane	9.338	83	3061	0.39	ug/l #	98

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

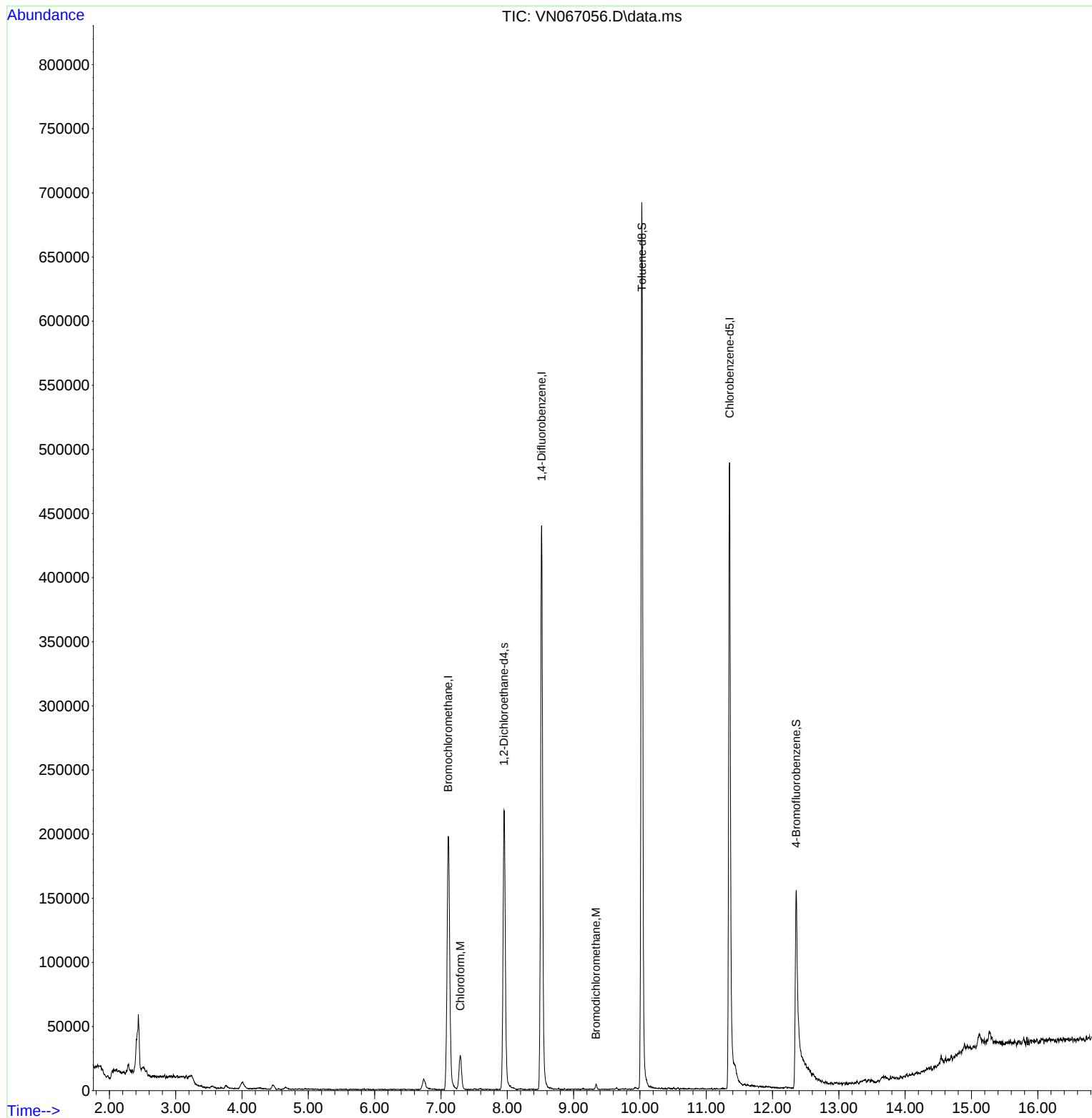
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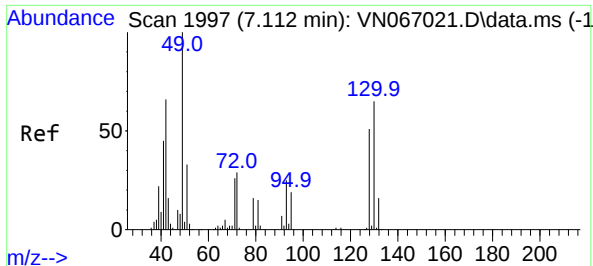
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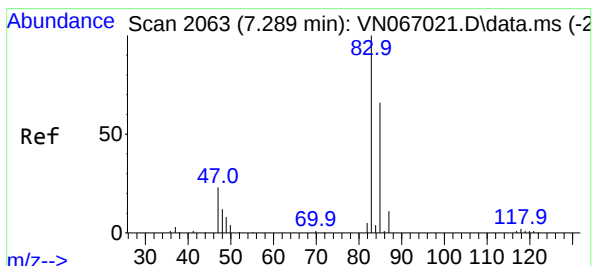
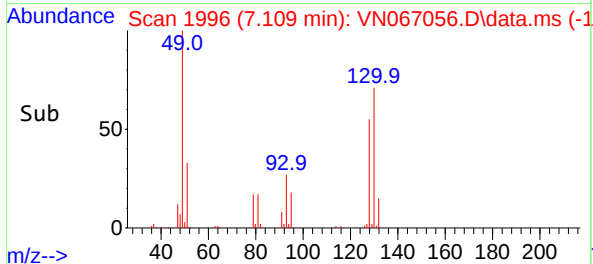
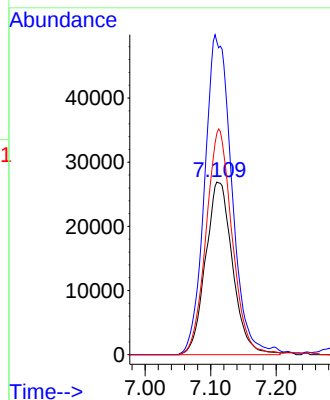
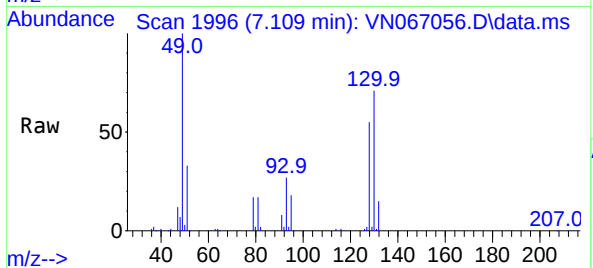
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.109 min Scan# 1996
Delta R.T. -0.003 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22

Tgt Ion:128 Resp: 76977
Ion Ratio Lower Upper
128 100
49 97.9 0.0 486.3
130 125.5 0.0 326.0

Instrument :
MSVOA_N
ClientSampled :
14B-3

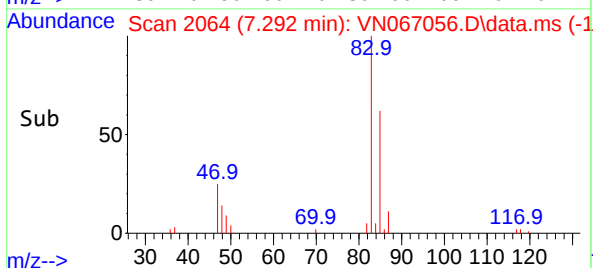
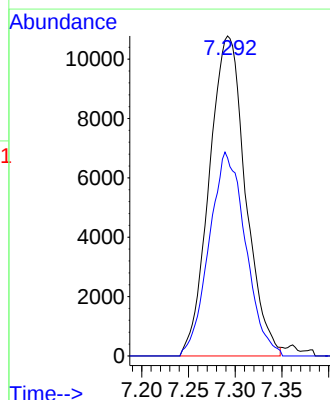
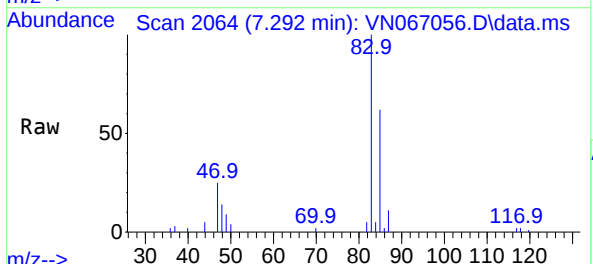
Manual Integrations
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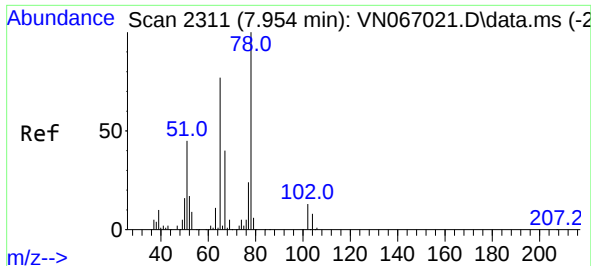
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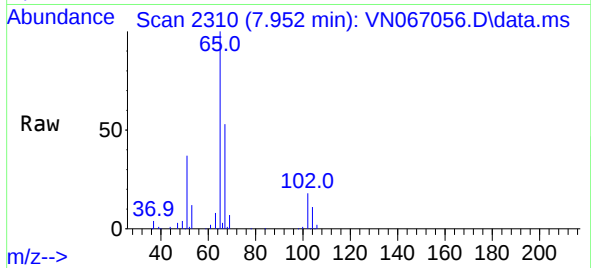
#25
Chloroform
Concen: 2.87 ug/l
RT: 7.292 min Scan# 2064
Delta R.T. 0.003 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22

Tgt Ion: 83 Resp: 29119
Ion Ratio Lower Upper
83 100
85 61.9 53.0 79.6

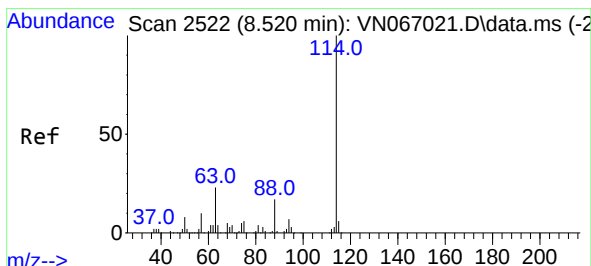
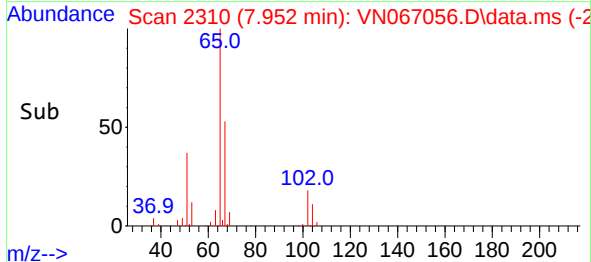
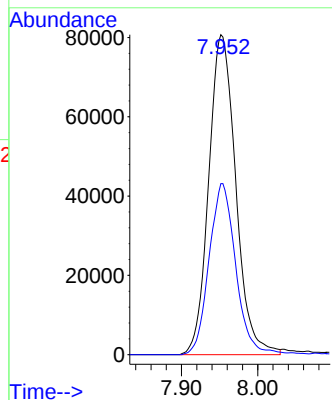




#27
1,2-Dichloroethane-d4
Concen: 29.50 ug/l
RT: 7.952 min Scan# 2310
Delta R.T. -0.002 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22

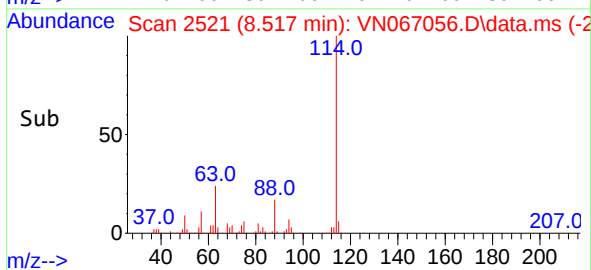
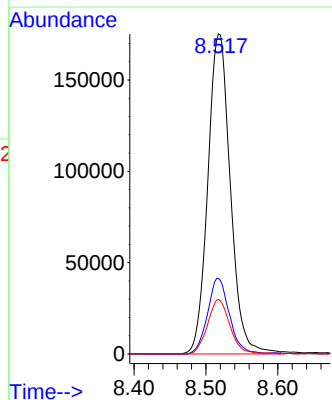
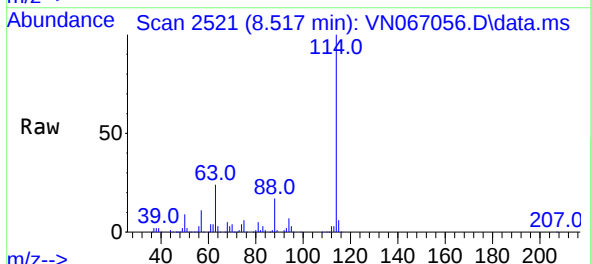


Tgt Ion: 65 Resp: 198992
Ion Ratio Lower Upper
65 100
67 52.0 41.6 62.4



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.517 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22

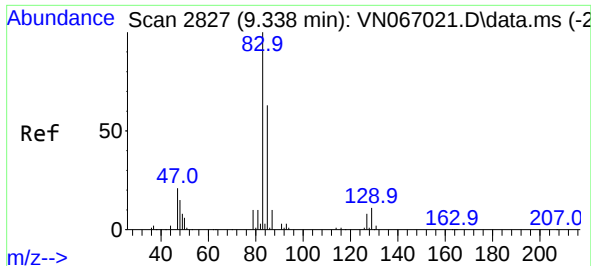
Tgt Ion: 114 Resp: 381978
Ion Ratio Lower Upper
114 100
63 23.0 18.8 28.2
88 16.8 13.8 20.6



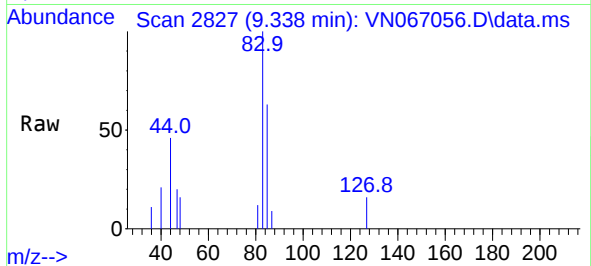
Instrument :
MSVOA_N
ClientSampled :
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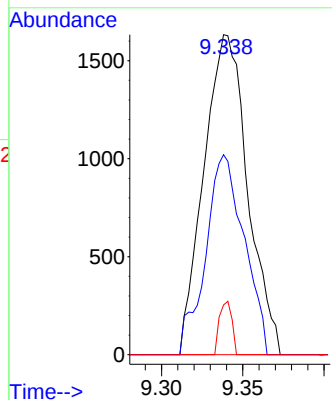
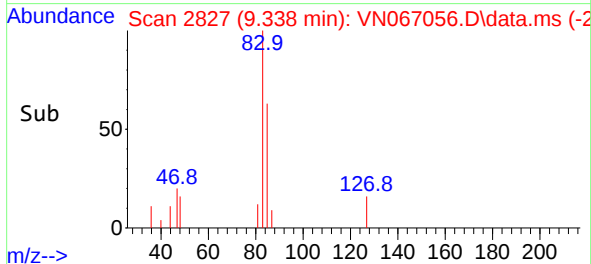
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#41
Bromodichloromethane
Concen: 0.39 ug/l
RT: 9.338 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22



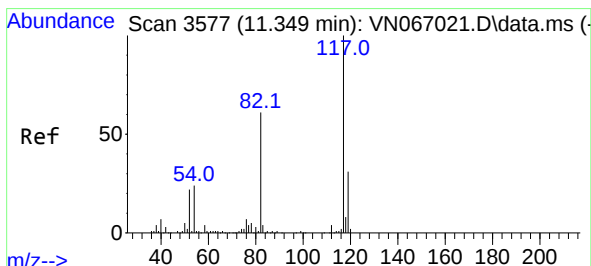
Tgt Ion: 83 Resp: 3061
Ion Ratio Lower Upper
83 100
85 62.5 50.0 75.0
127 15.6 6.5 9.7#



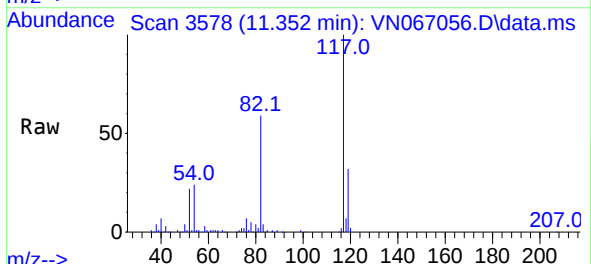
Instrument :
MSVOA_N
ClientSampled :
14B-3

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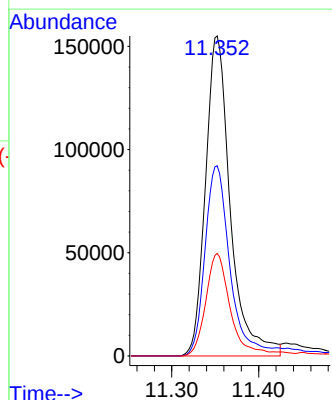
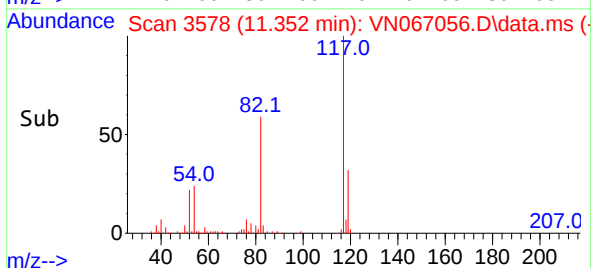
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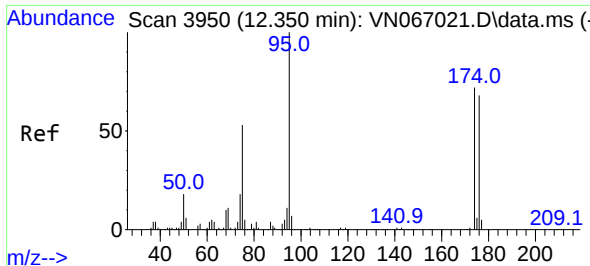


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22



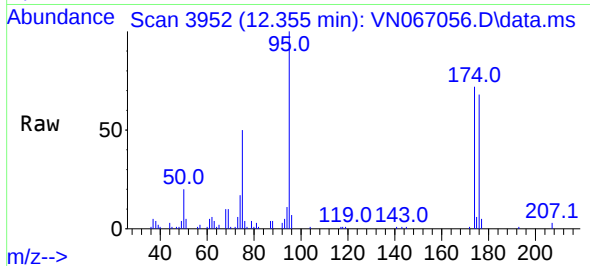
Tgt Ion: 117 Resp: 307949
Ion Ratio Lower Upper
117 100
82 59.4 49.3 73.9
119 31.3 25.5 38.3





#60
4-Bromofluorobenzene
Concen: 27.67 ug/l m
RT: 12.355 min Scan# 3952
Delta R.T. 0.005 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22

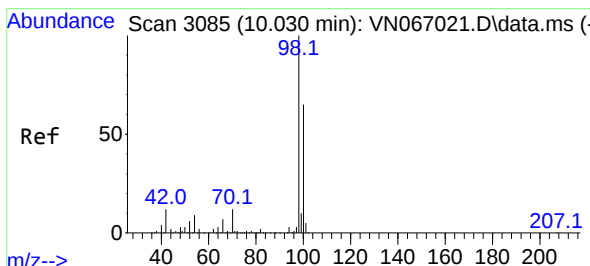
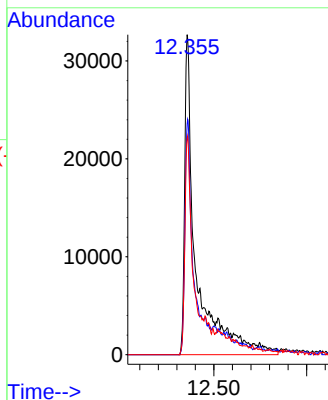
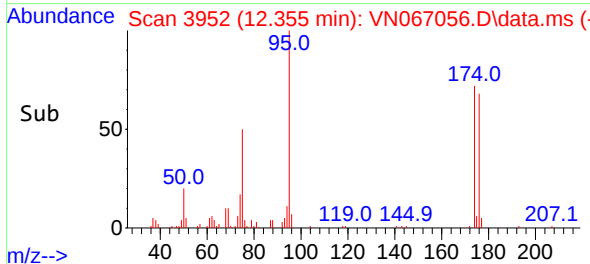
Instrument :
MSVOA_N
ClientSampled :
14B-3



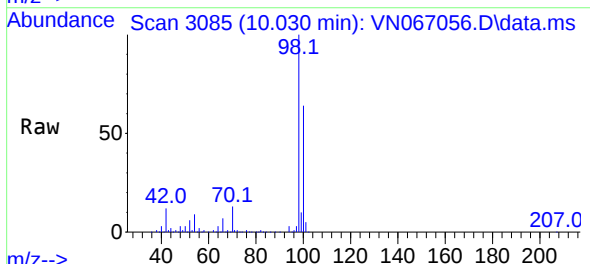
Tgt Ion: 95 Resp: 141749
Ion Ratio Lower Upper
95 100
174 45.4 57.2 85.8#
176 44.7 54.5 81.7#

Manual Integrations
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#63
Toluene-d8
Concen: 32.07 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067056.D
Acq: 7 May 2021 17:22



Tgt Ion: 98 Resp: 489117
Ion Ratio Lower Upper
98 100
100 64.2 51.1 76.7

