

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067037.D
 Acq On : 7 May 2021 3:10
 Operator : JC/MD
 Sample : M2274-01 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Manual Integrations
 APPROVED

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 5/7/2021 6:24:02 PM

Quant Time: May 07 07:33:08 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	77184	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	362299	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	287363	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.957	65	202447	29.93	ug/l	0.00
Spiked Amount 30.000	Range	91 - 110	Recovery	=	99.77%	
60) 4-Bromofluorobenzene	12.358	95	124913m	26.13	ug/l	0.00
Spiked Amount 30.000	Range	63 - 112	Recovery	=	87.10%	
63) Toluene-d8	10.030	98	467961	32.88	ug/l	0.00
Spiked Amount 30.000	Range	91 - 112	Recovery	=	109.60%	
Target Compounds						Qvalue
18) Methylene Chloride	4.478	84	5081m	0.85	ug/l	
25) Chloroform	7.294	83	11886	1.17	ug/l	91

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

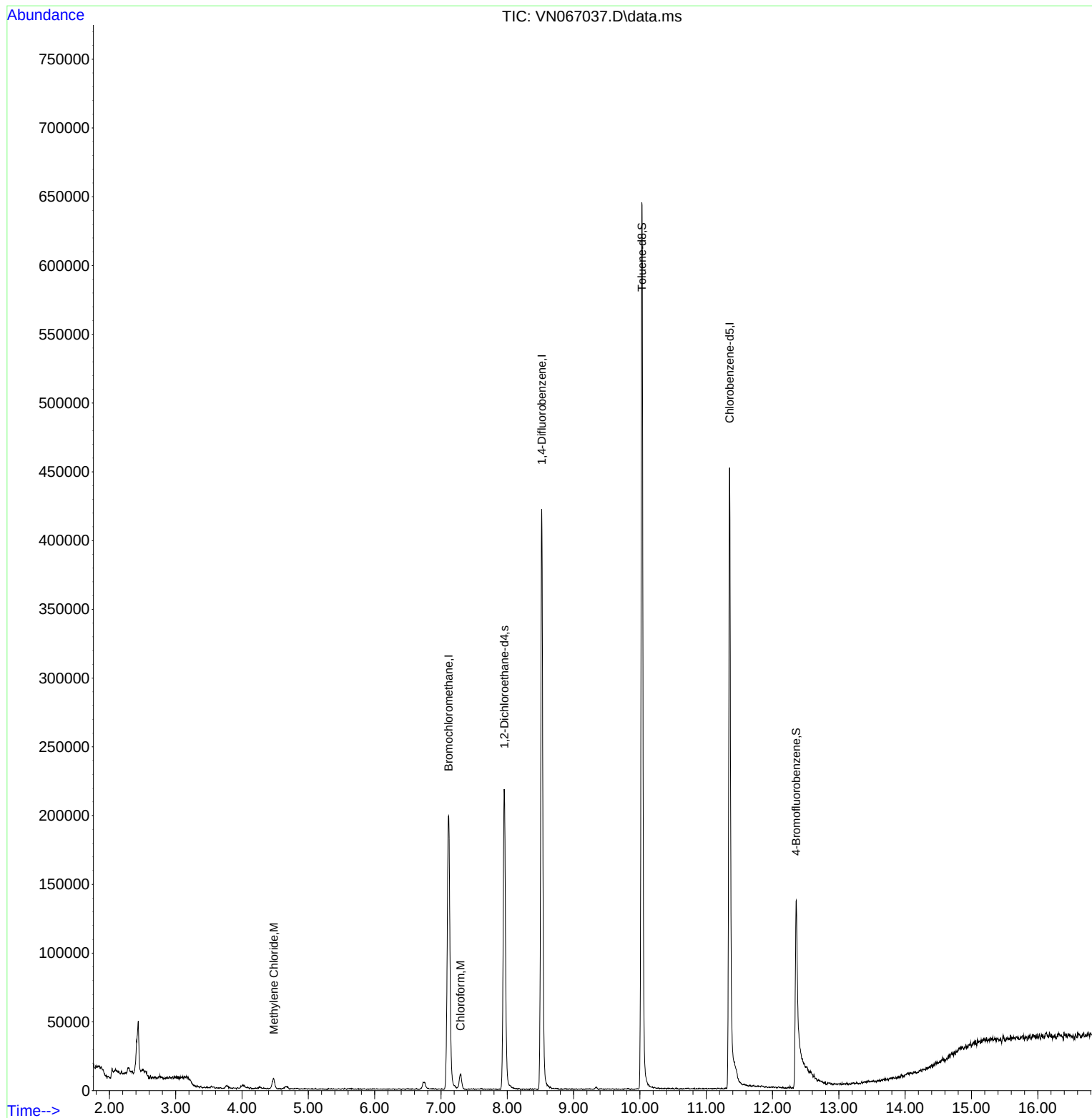
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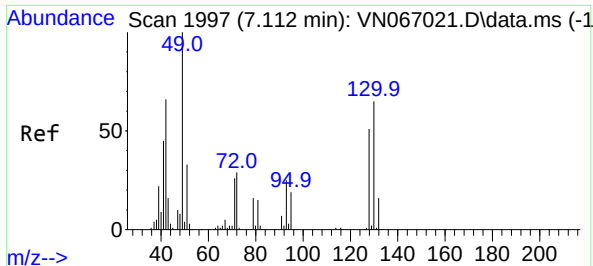
Instrument :
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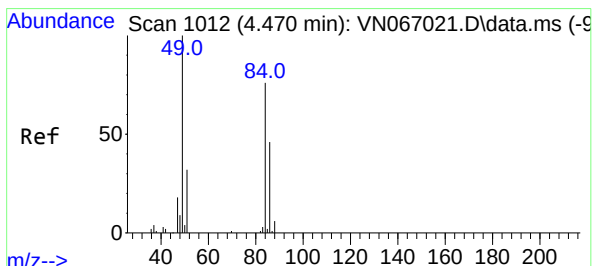
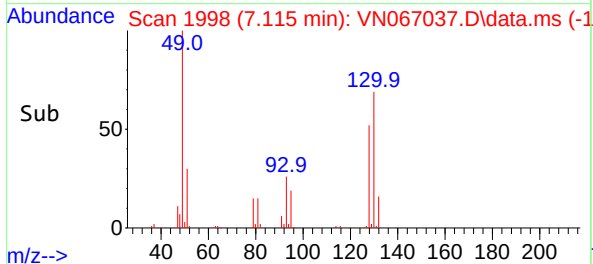
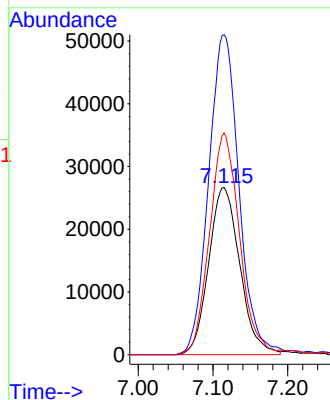
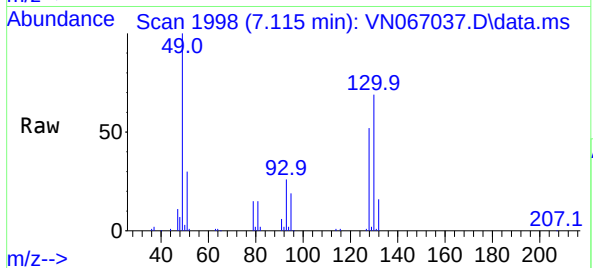
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.115 min Scan# 1998
Delta R.T. 0.003 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion:128 Resp: 77184
Ion Ratio Lower Upper
128 100
49 186.7 0.0 486.3
130 127.3 0.0 326.0

Instrument :
MSVOA_N
ClientSampled :
14B-1

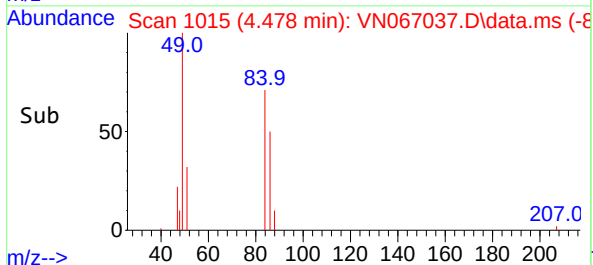
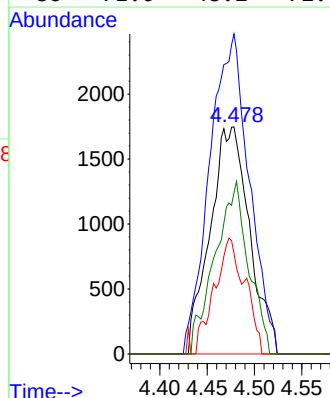
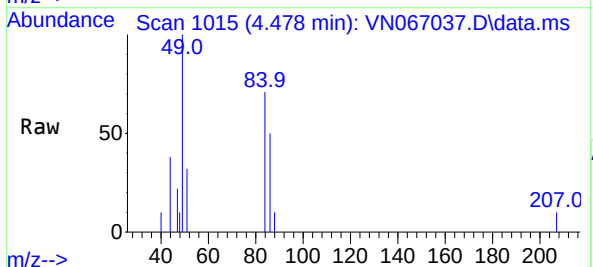
Manual Integrations
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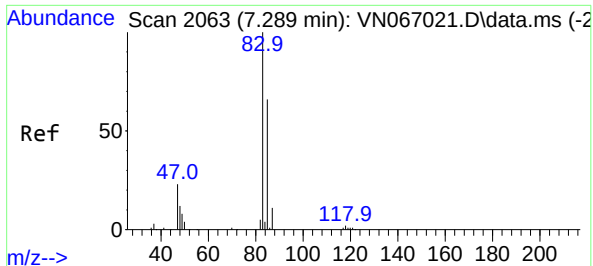
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#18
Methylene Chloride
Concen: 0.85 ug/l m
RT: 4.478 min Scan# 1015
Delta R.T. 0.008 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion: 84 Resp: 5081
Ion Ratio Lower Upper
84 100
49 141.0 105.0 157.6
51 44.4 33.3 49.9
86 71.0 48.2 72.4





#25

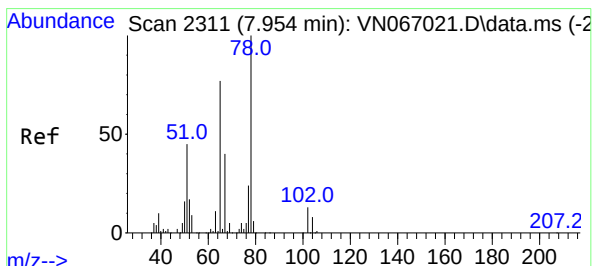
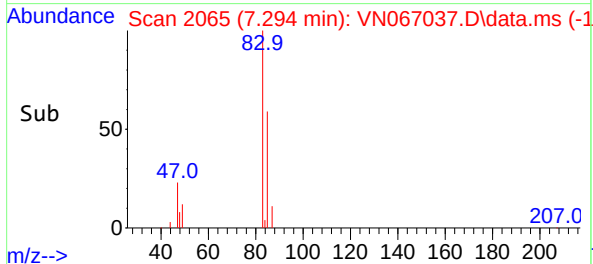
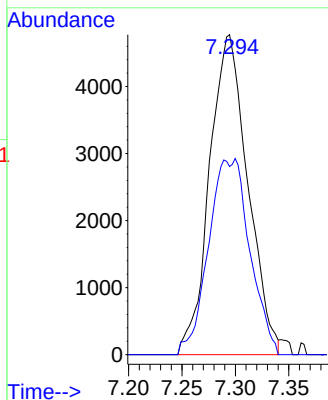
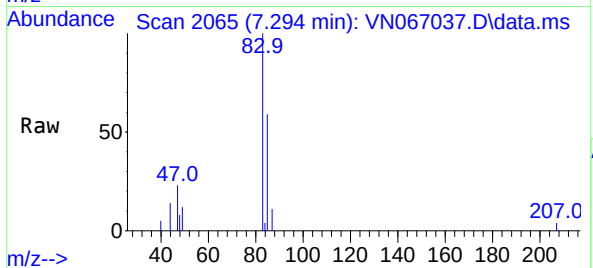
Chloroform
Concen: 1.17 ug/l
RT: 7.294 min Scan# 2065
Delta R.T. 0.005 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion: 83 Resp: 11886
Ion Ratio Lower Upper
83 100
85 58.8 53.0 79.6

Instrument :
MSVOA_N
ClientSampled :
14B-1

Manual Integrations
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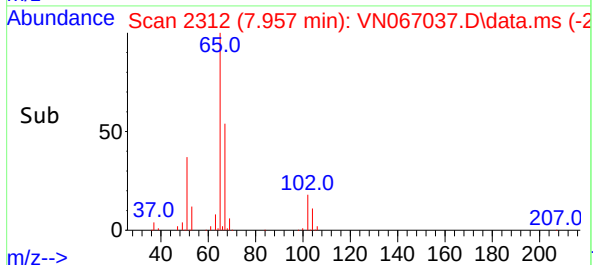
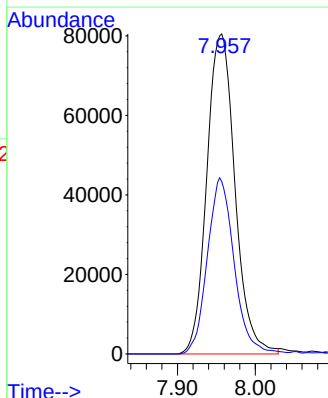
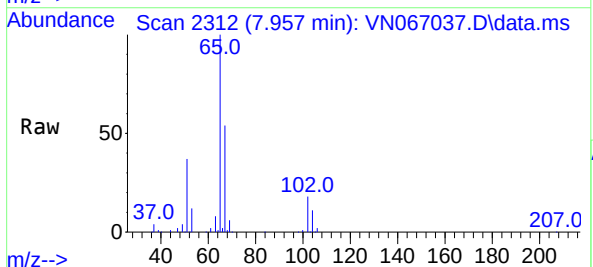
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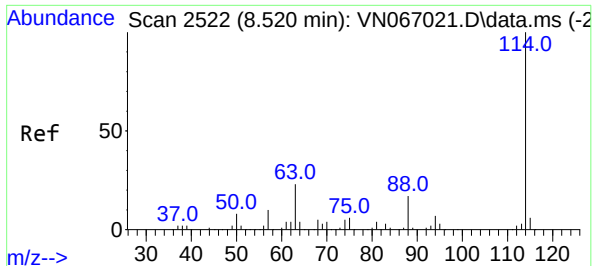


#27

1,2-Dichloroethane-d4
Concen: 29.93 ug/l
RT: 7.957 min Scan# 2312
Delta R.T. 0.003 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion: 65 Resp: 202447
Ion Ratio Lower Upper
65 100
67 52.3 41.6 62.4





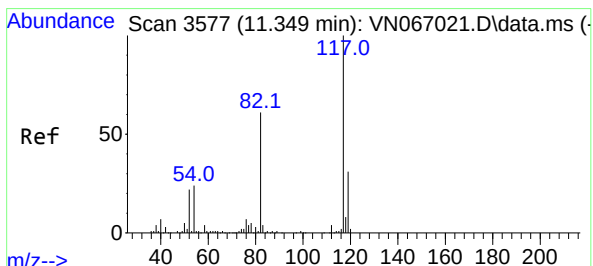
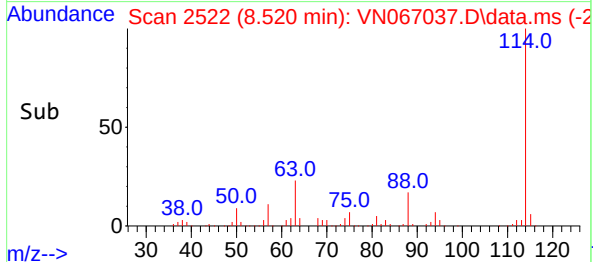
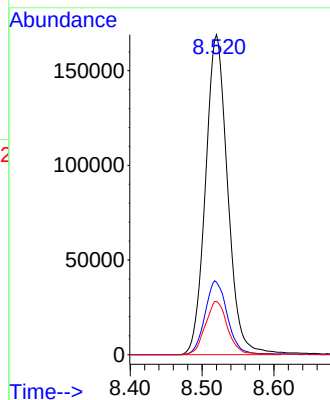
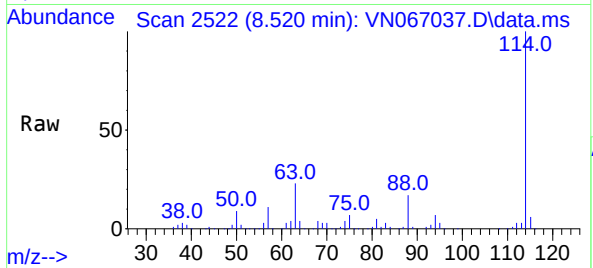
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion:114 Resp: 362299
Ion Ratio Lower Upper
114 100
63 23.3 18.8 28.2
88 16.7 13.8 20.6

Instrument :
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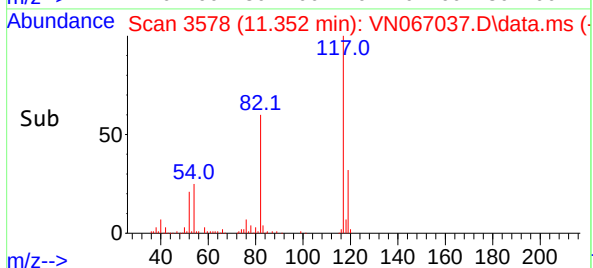
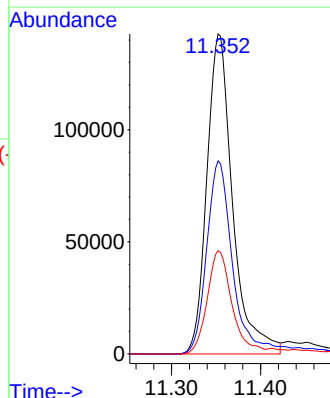
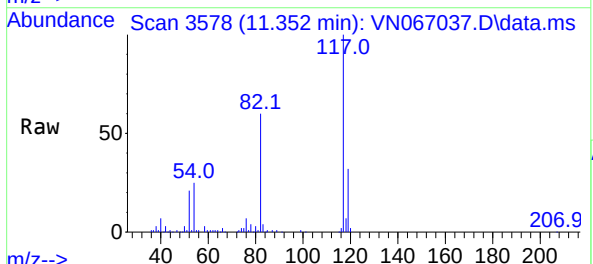
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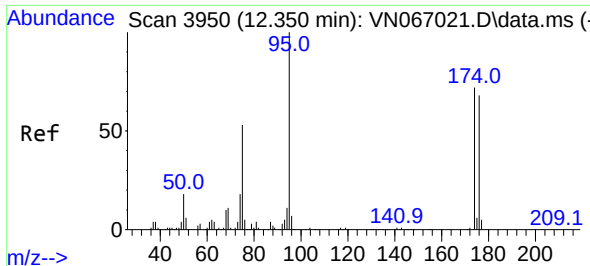
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#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion:117 Resp: 287363
Ion Ratio Lower Upper
117 100
82 58.9 49.3 73.9
119 31.1 25.5 38.3





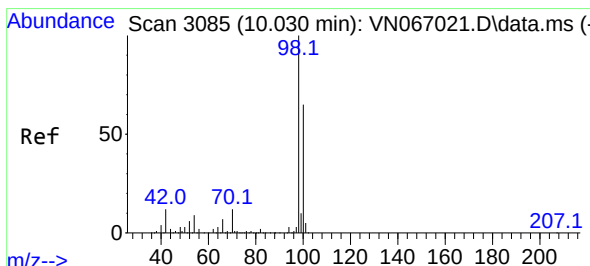
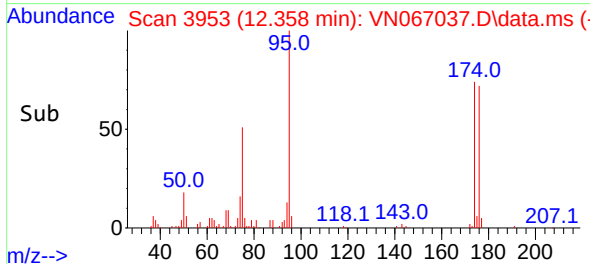
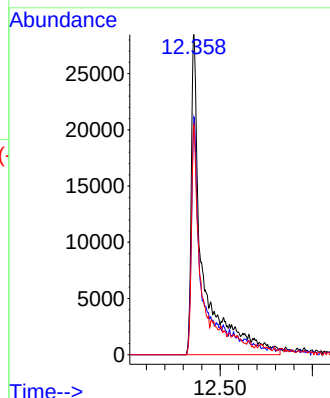
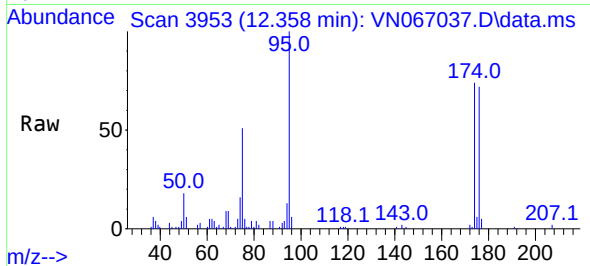
#60
4-Bromofluorobenzene
Concen: 26.13 ug/l m
RT: 12.358 min Scan# 3953
Delta R.T. 0.008 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Instrument :
MSVOA_N
ClientSampled :
14B-1

Tgt Ion: 95 Resp: 124913
Ion Ratio Lower Upper
95 100
174 41.0 57.2 85.8#
176 45.0 54.5 81.7#

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#63
Toluene-d8
Concen: 32.88 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067037.D
Acq: 7 May 2021 3:10

Tgt Ion: 98 Resp: 467961
Ion Ratio Lower Upper
98 100
100 62.6 51.1 76.7

