

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050721\
 Data File : VN067026.D
 Acq On : 6 May 2021 22:48
 Operator : JC/MD
 Sample : VN0507WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0507WBL01

Manual Integrations
 APPROVED

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 5/7/2021 6:23:39 PM

Quant Time: May 07 07:30:17 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	7.112	128	77525	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.520	114	380722	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.352	117	296601	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	7.954	65	203481	29.95	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.83%
60) 4-Bromofluorobenzene	12.355	95	134465m	27.25	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.83%
63) Toluene-d8	10.030	98	485906	33.07	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	110.23%

Target Compounds	Qvalue

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

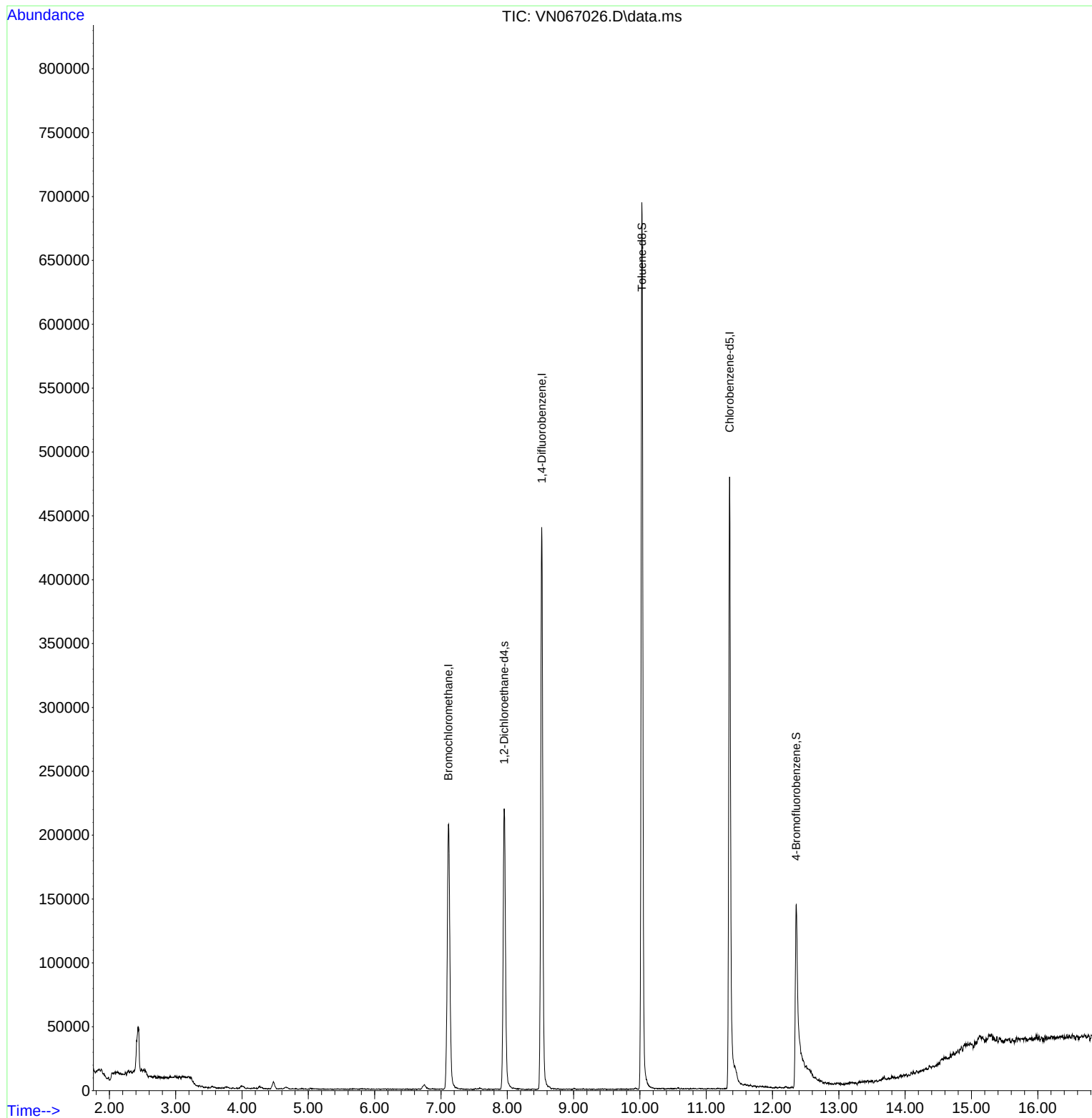
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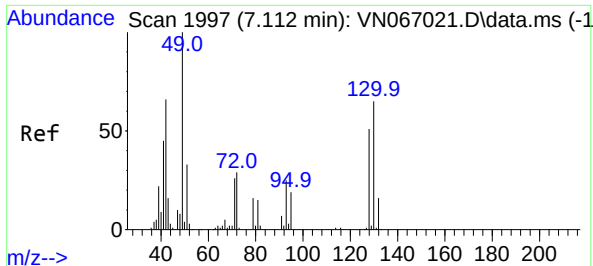
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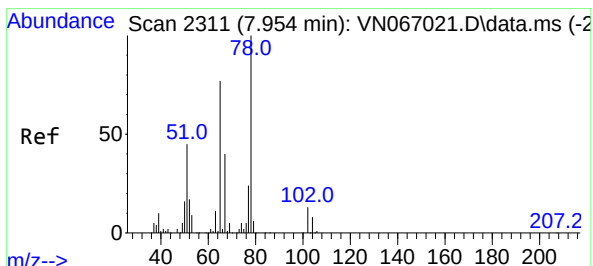
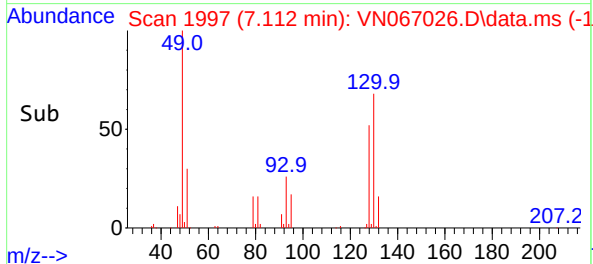
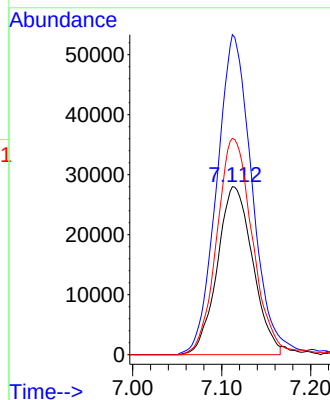
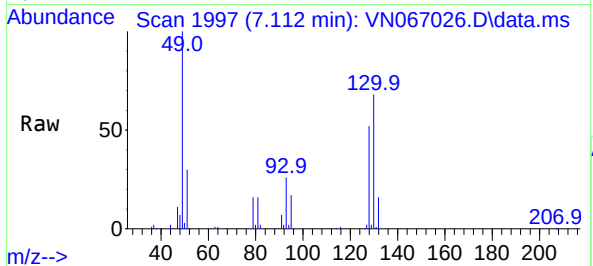
#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.112 min Scan# 1997
Delta R.T. 0.000 min
Lab File: VN067026.D
Acq: 6 May 2021 22:48

Tgt Ion:128 Resp: 77525
Ion Ratio Lower Upper
128 100
49 190.0 0.0 486.3
130 129.7 0.0 326.0

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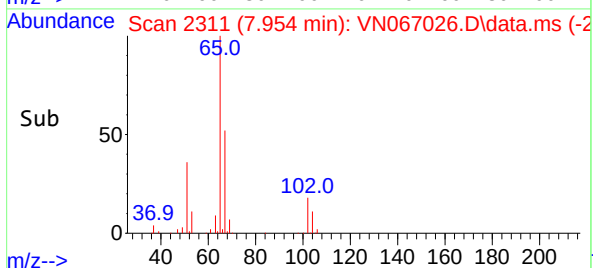
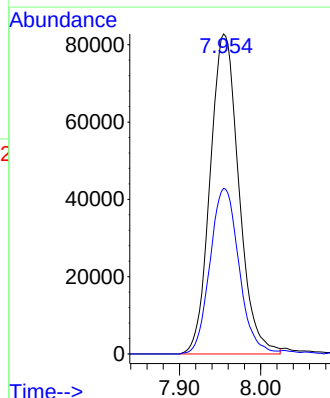
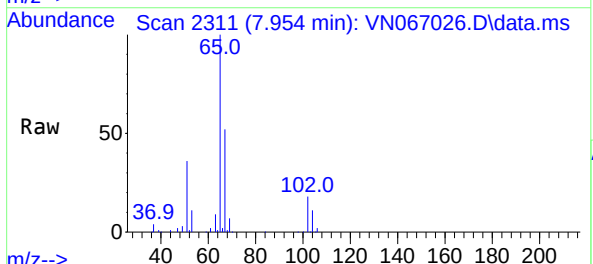
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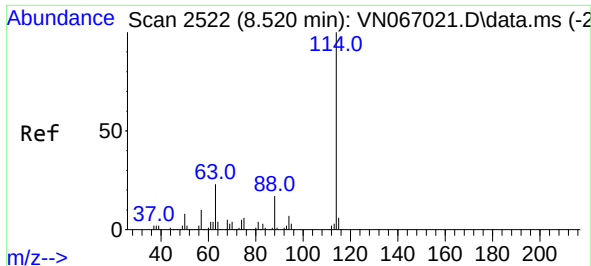
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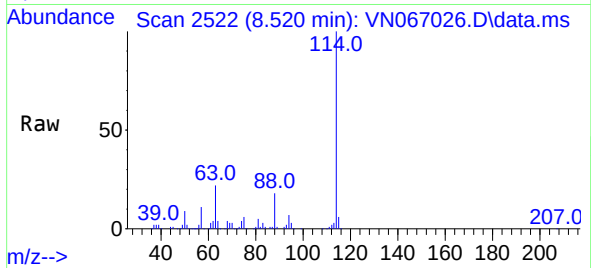
#27
1,2-Dichloroethane-d4
Concen: 29.95 ug/l
RT: 7.954 min Scan# 2311
Delta R.T. 0.000 min
Lab File: VN067026.D
Acq: 6 May 2021 22:48

Tgt Ion: 65 Resp: 203481
Ion Ratio Lower Upper
65 100
67 52.1 41.6 62.4

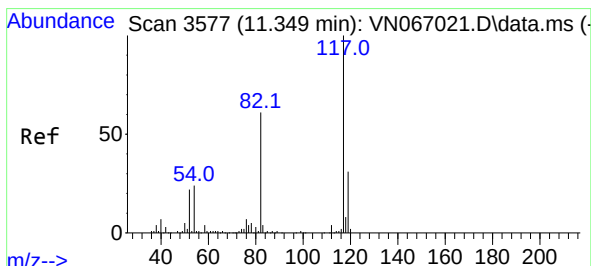
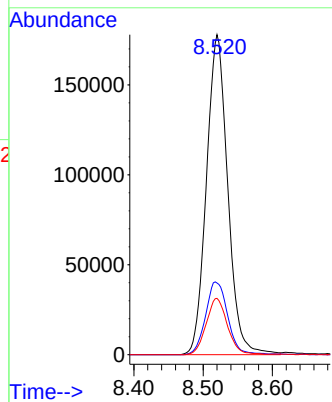
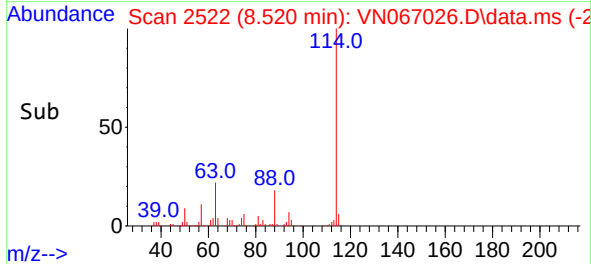




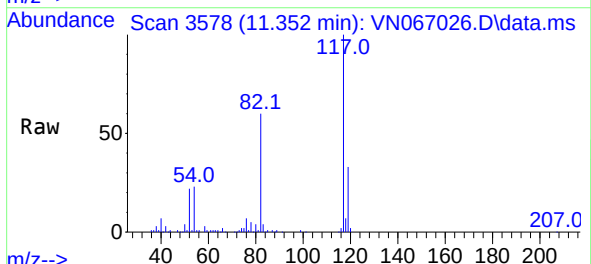
#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.520 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VN067026.D
Acq: 6 May 2021 22:48



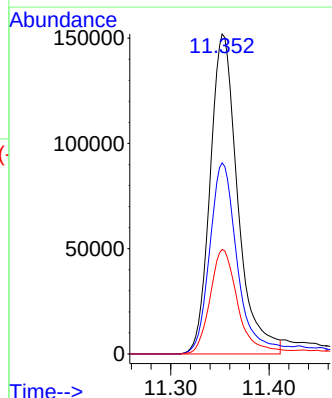
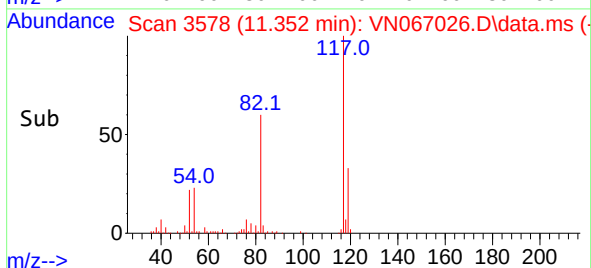
Tgt Ion:114 Resp: 380722
Ion Ratio Lower Upper
114 100
63 23.4 18.8 28.2
88 17.6 13.8 20.6



#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.352 min Scan# 3578
Delta R.T. 0.003 min
Lab File: VN067026.D
Acq: 6 May 2021 22:48



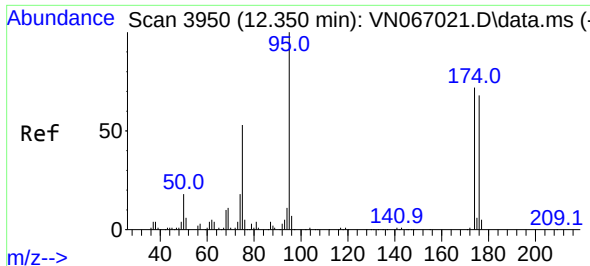
Tgt Ion:117 Resp: 296601
Ion Ratio Lower Upper
117 100
82 60.0 49.3 73.9
119 33.2 25.5 38.3



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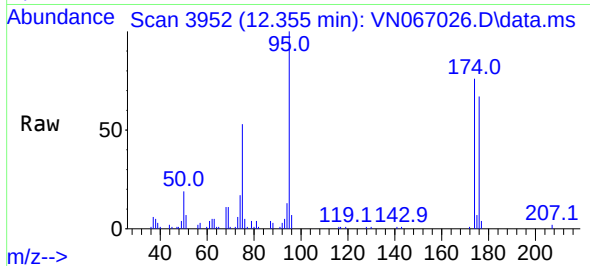
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#60
4-Bromofluorobenzene
Concen: 27.25 ug/l m
RT: 12.355 min Scan# 3952
Delta R.T. 0.005 min
Lab File: VN067026.D
Acq: 6 May 2021 22:48

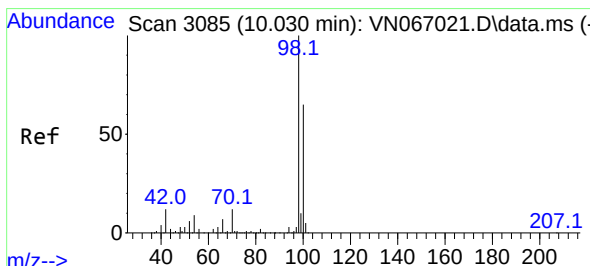
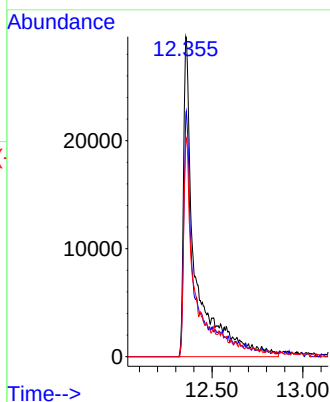
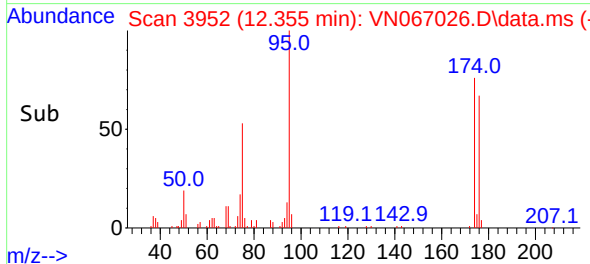
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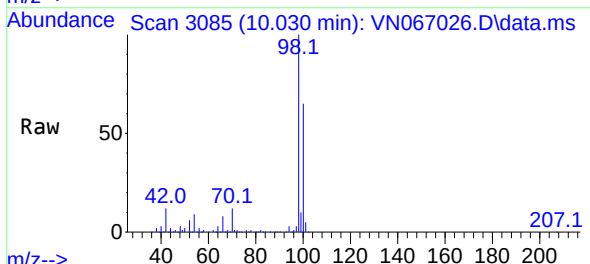
Tgt Ion: 95 Resp: 134465
Ion Ratio Lower Upper
95 100
174 43.4 57.2 85.8#
176 43.2 54.5 81.7#

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#63
Toluene-d8
Concen: 33.07 ug/l
RT: 10.030 min Scan# 3085
Delta R.T. 0.000 min
Lab File: VN067026.D
Acq: 6 May 2021 22:48



Tgt Ion: 98 Resp: 485906
Ion Ratio Lower Upper
98 100
100 63.7 51.1 76.7

