

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060622\
 Data File : VN072674.D
 Acq On : 06 Jun 2022 19:54
 Operator : JC\MD
 Sample : N3157-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Jun 07 06:30:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

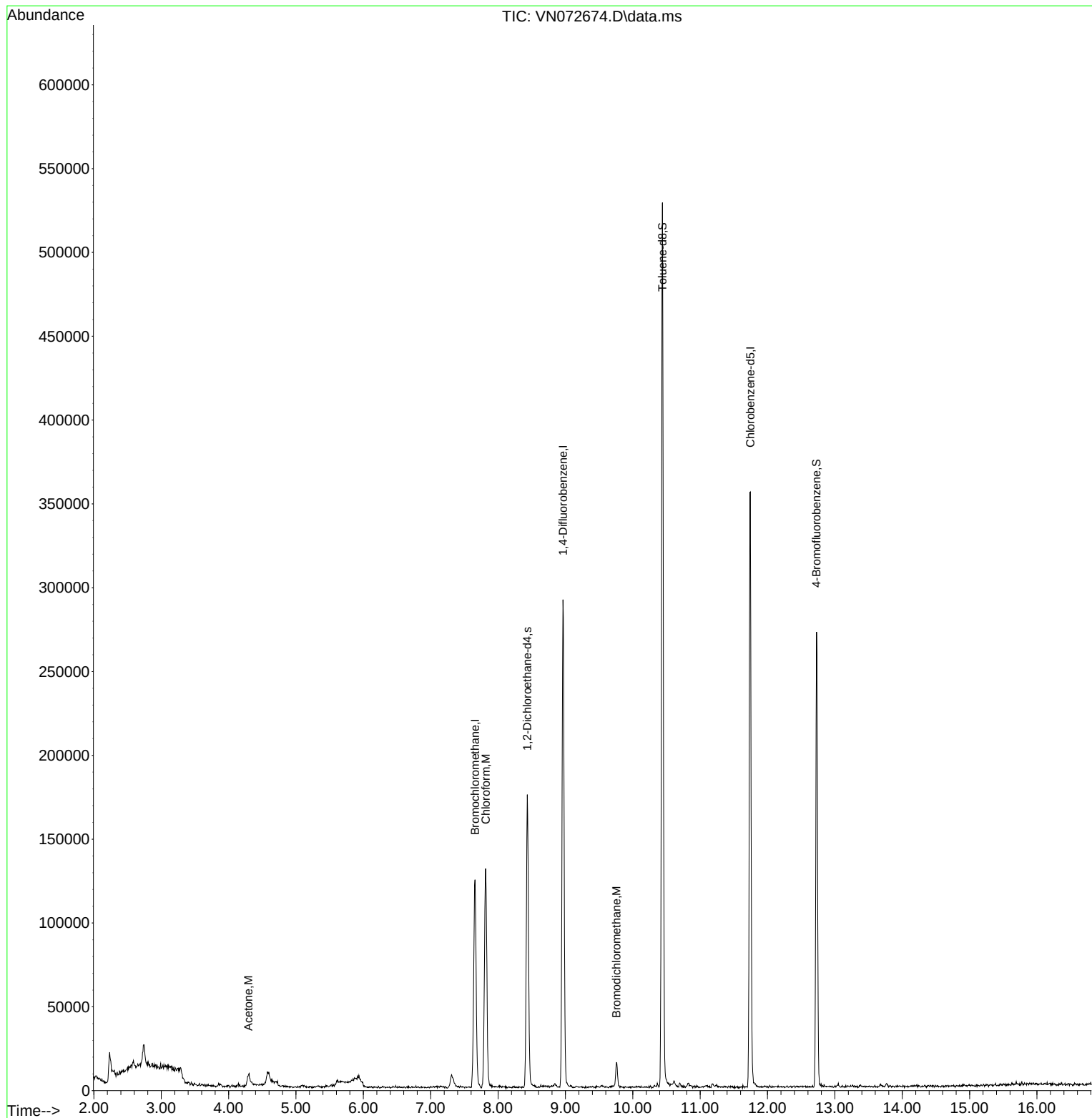
Internal Standards						
1) Bromochloromethane	7.657	128	40011	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	243621	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	194168	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	143287	31.401	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.667%
60) 4-Bromofluorobenzene	12.727	95	96052	24.052	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	80.167%
63) Toluene-d8	10.439	98	350889	32.623	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	108.733%
Target Compounds						
					Qvalue	
15) Acetone	4.293	58	4320	7.177	ug/l #	66
25) Chloroform	7.816	83	122749	19.017	ug/l	96
41) Bromodichloromethane	9.757	83	10741	1.938	ug/l	92

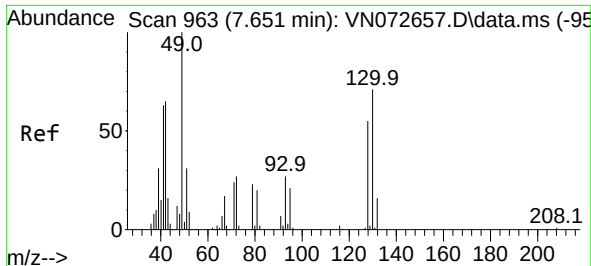
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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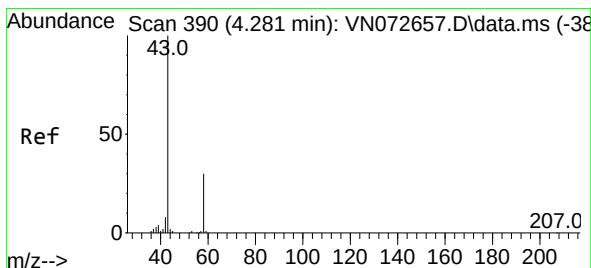
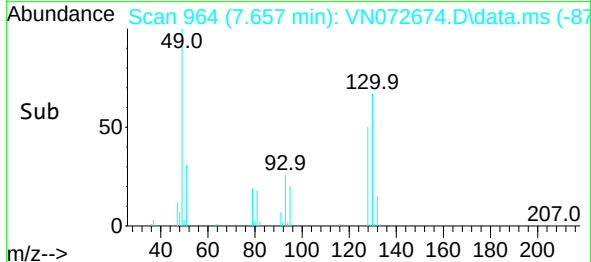
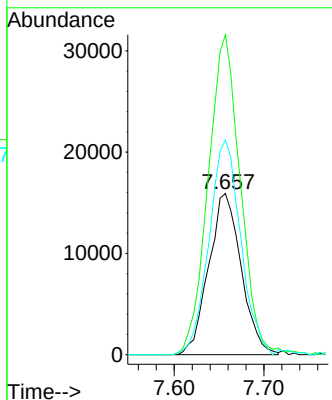
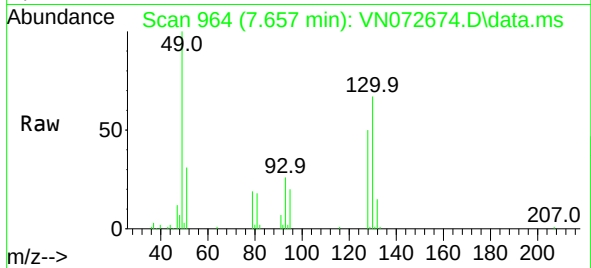




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072674.D
Acq: 06 Jun 2022 19:54

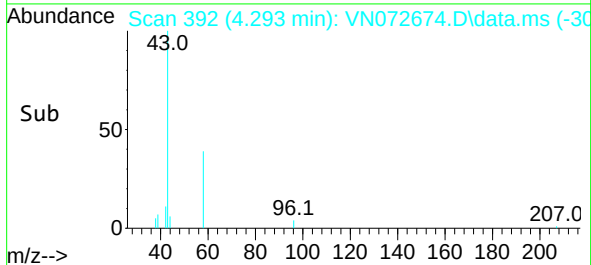
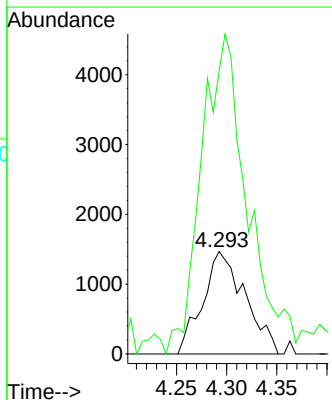
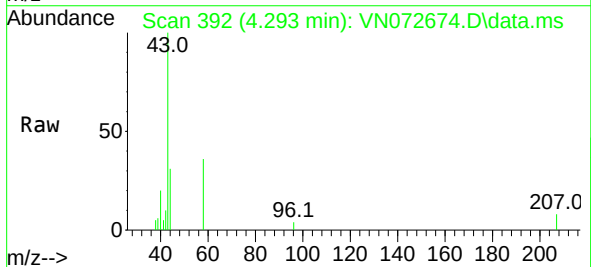
Instrument :
MSVOA_N
ClientSampleId :
14B-1

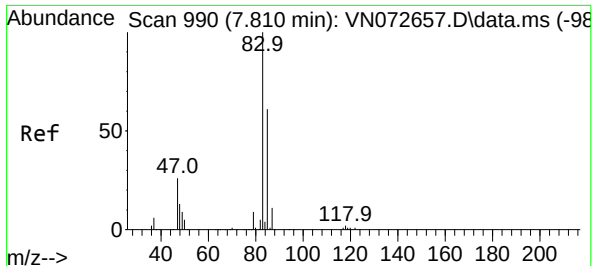
Tgt Ion:128 Resp: 40011
Ion Ratio Lower Upper
128 100
49 195.6 0.0 392.3
130 130.0 0.0 320.2



#15
Acetone
Concen: 7.177 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072674.D
Acq: 06 Jun 2022 19:54

Tgt Ion: 58 Resp: 4320
Ion Ratio Lower Upper
58 100
43 251.8 256.6 384.8#

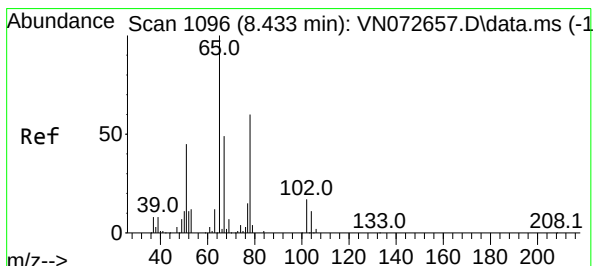
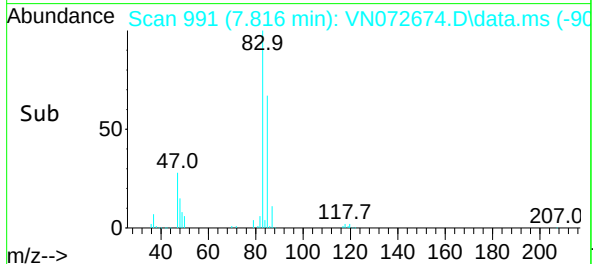
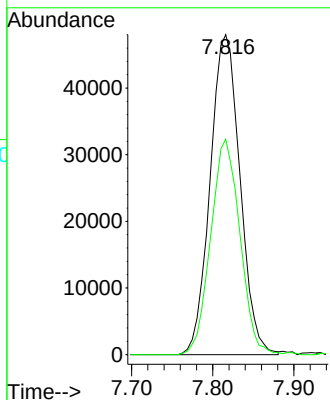
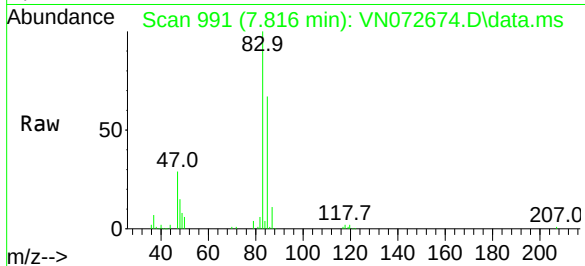




#25
Chloroform
Concen: 19.017 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072674.D
Acq: 06 Jun 2022 19:54

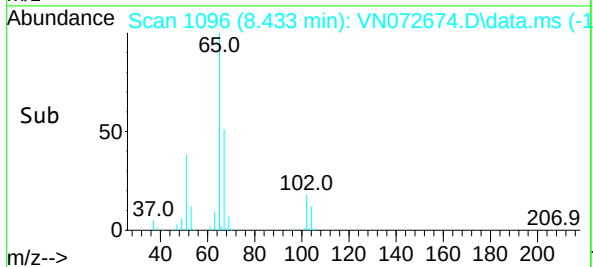
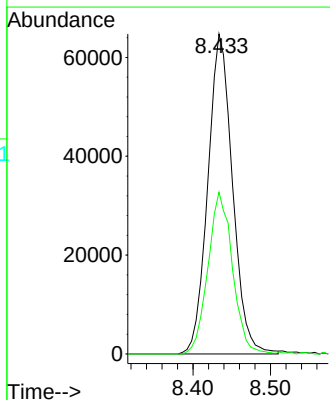
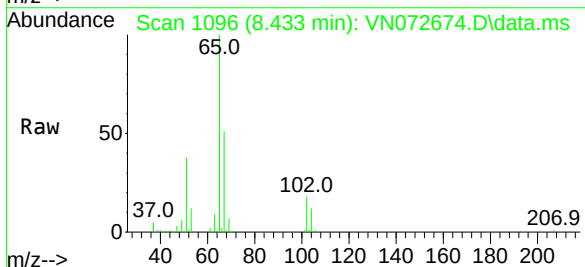
Instrument :
MSVOA_N
ClientSampleId :
14B-1

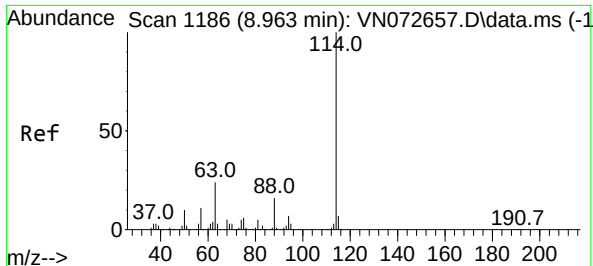
Tgt Ion: 83 Resp: 122749
Ion Ratio Lower Upper
83 100
85 67.4 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 31.401 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072674.D
Acq: 06 Jun 2022 19:54

Tgt Ion: 65 Resp: 143287
Ion Ratio Lower Upper
65 100
67 50.1 40.2 60.2





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072674.D

Acq: 06 Jun 2022 19:54

Instrument :

MSVOA_N

ClientSampleId :

14B-1

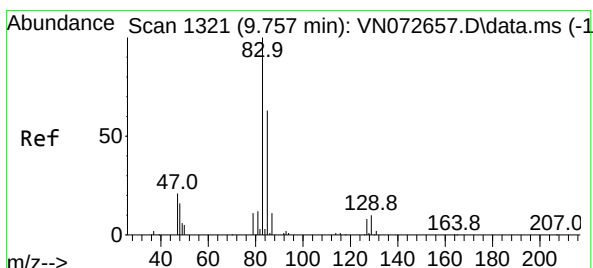
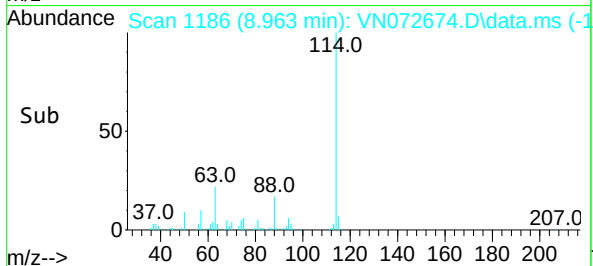
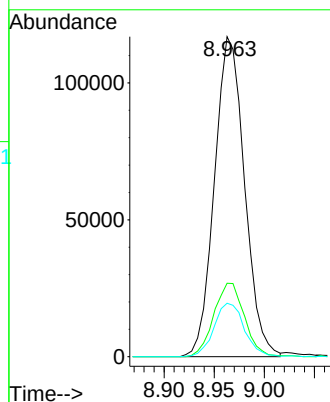
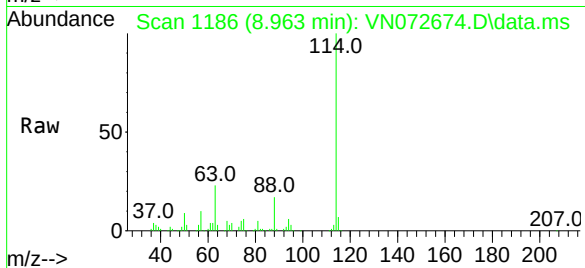
Tgt Ion:114 Resp: 243621

Ion Ratio Lower Upper

114 100

63 23.4 15.8 23.6

88 16.9 11.6 17.4



#41

Bromodichloromethane

Concen: 1.938 ug/l

RT: 9.757 min Scan# 1321

Delta R.T. 0.000 min

Lab File: VN072674.D

Acq: 06 Jun 2022 19:54

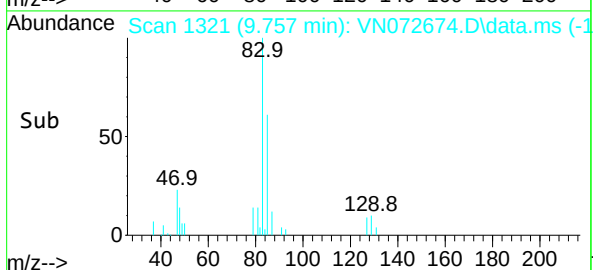
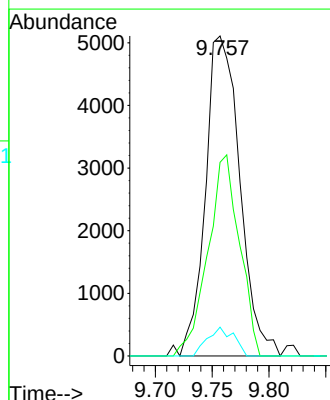
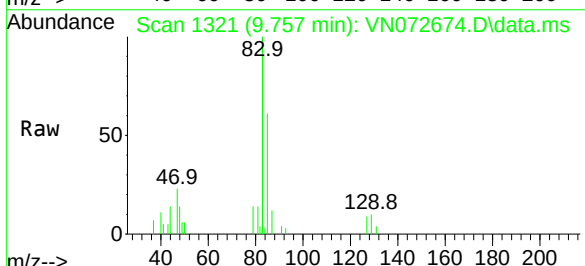
Tgt Ion: 83 Resp: 10741

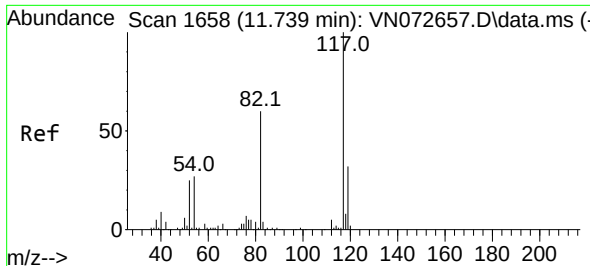
Ion Ratio Lower Upper

83 100

85 60.5 54.1 81.1

127 9.0 7.6 11.4

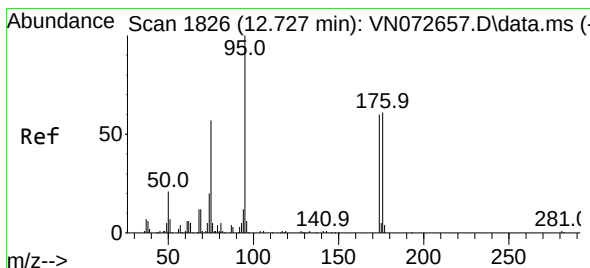
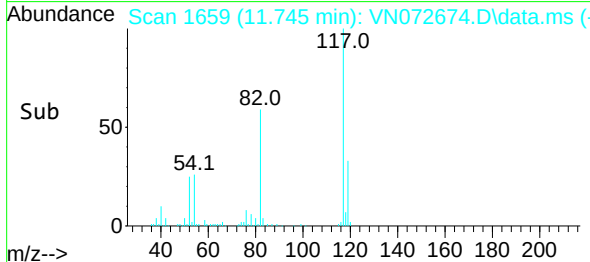
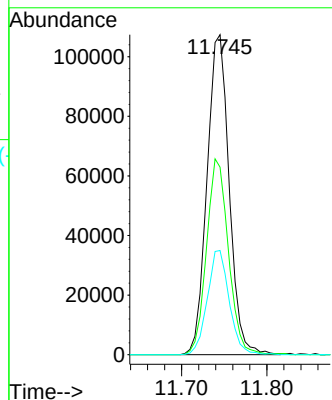
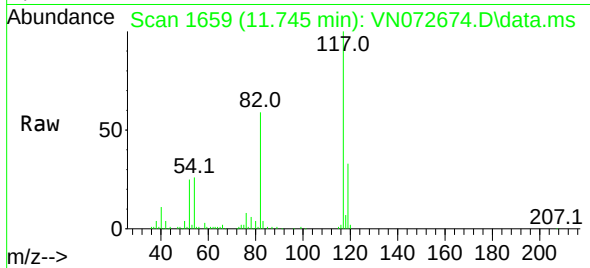




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072674.D
Acq: 06 Jun 2022 19:54

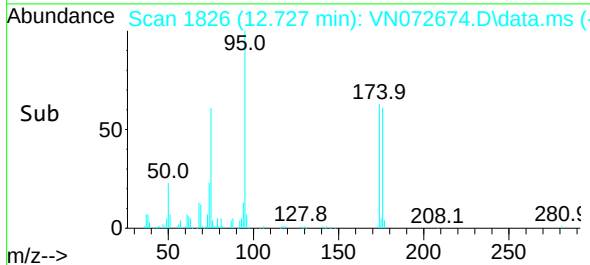
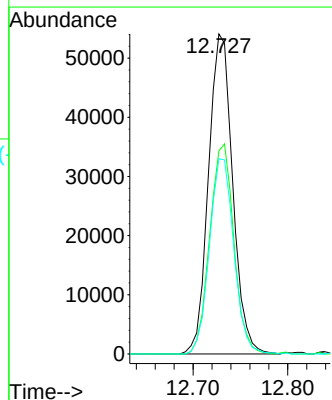
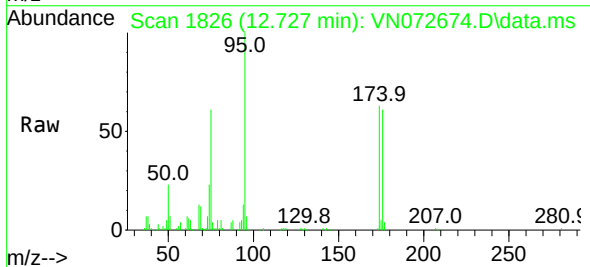
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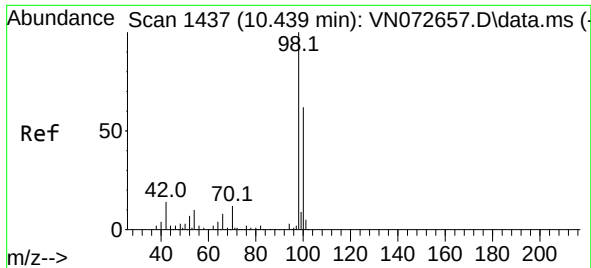
Tgt Ion:117 Resp: 194168
Ion Ratio Lower Upper
117 100
82 60.4 43.6 65.4
119 32.2 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 24.052 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072674.D
Acq: 06 Jun 2022 19:54

Tgt Ion: 95 Resp: 96052
Ion Ratio Lower Upper
95 100
174 65.4 62.9 94.3
176 61.7 61.0 91.4





#63

Toluene-d8

Concen: 32.623 ug/l

RT: 10.439 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN072674.D

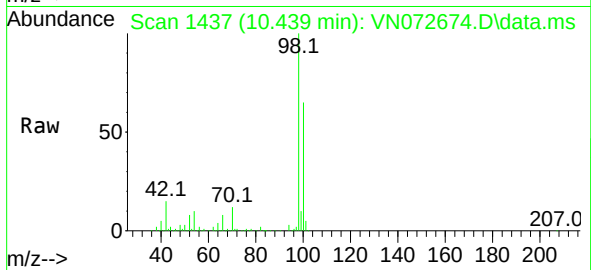
Acq: 06 Jun 2022 19:54

Instrument :

MSVOA_N

ClientSampleId :

14B-1



Tgt Ion: 98 Resp: 350889

Ion Ratio Lower Upper

98 100

100 65.0 50.6 76.0

