

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072684.D
 Acq On : 07 Jun 2022 13:41
 Operator : JC\MD
 Sample : N3172-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-2

Quant Time: Jun 08 09:51:39 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)

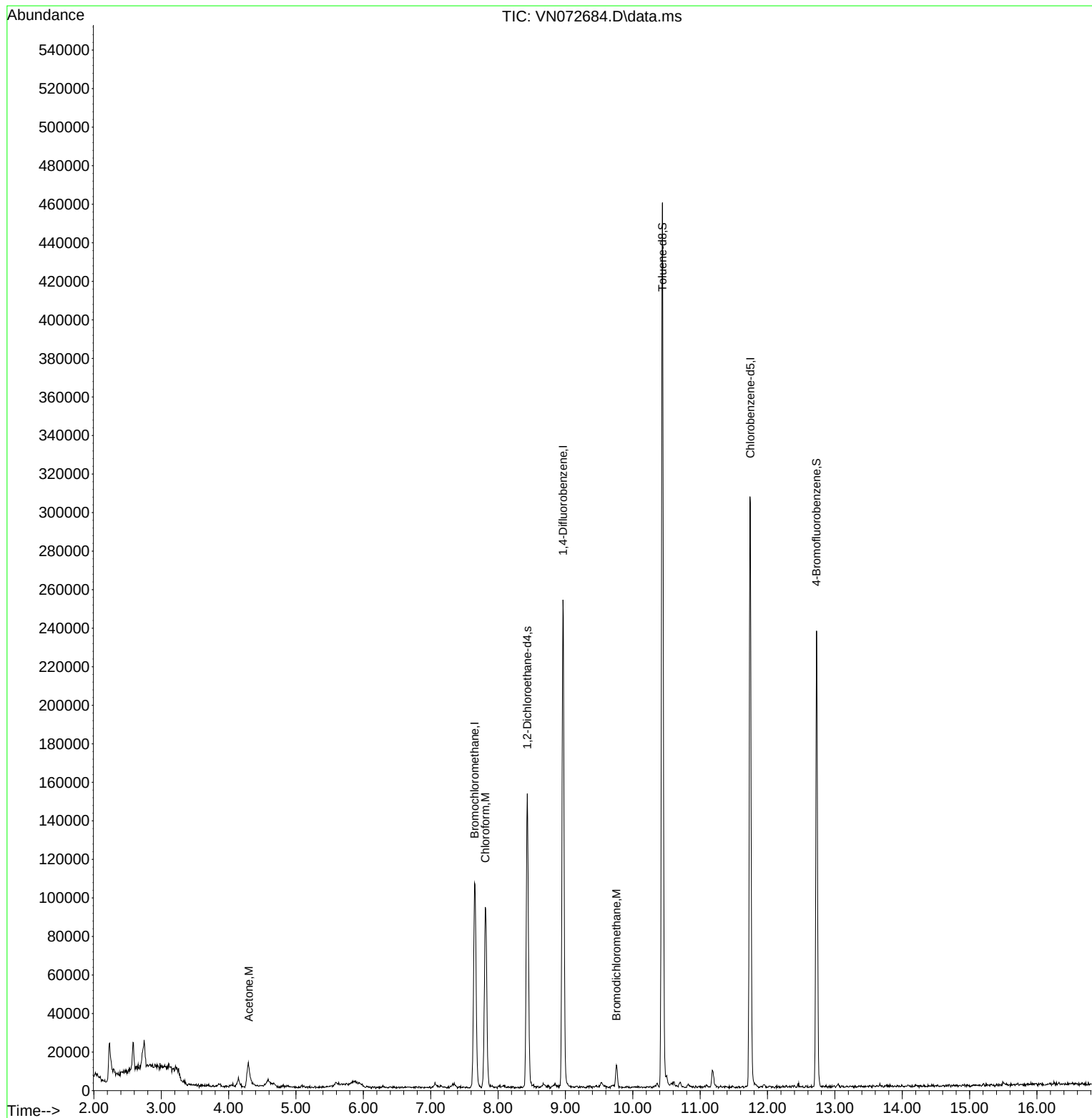
Internal Standards						
1) Bromochloromethane	7.651	128	35126	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	207554	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.745	117	166608	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	124955	31.192	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	103.967%
60) 4-Bromofluorobenzene	12.727	95	82107	23.961	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	79.867%
63) Toluene-d8	10.439	98	307157	33.281	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	110.933%
Target Compounds						
					Qvalue	
15) Acetone	4.298	58	6283	11.889	ug/l	91
25) Chloroform	7.810	83	87871	15.507	ug/l	97
41) Bromodichloromethane	9.757	83	8283	1.754	ug/l	92

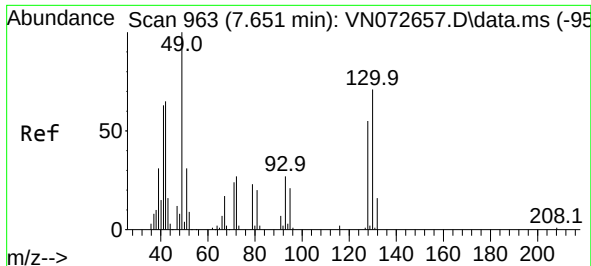
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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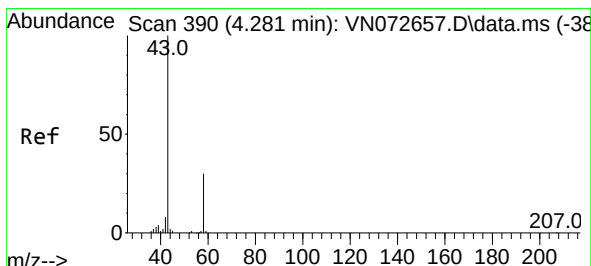
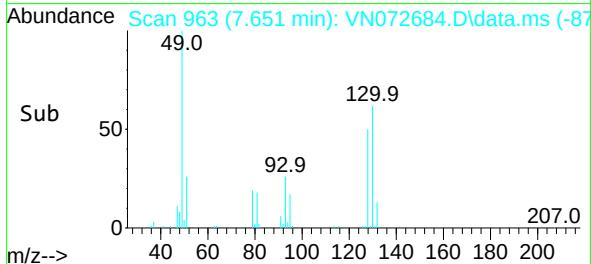
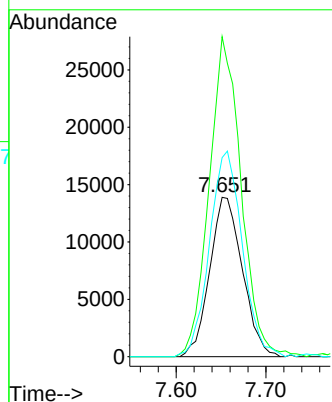
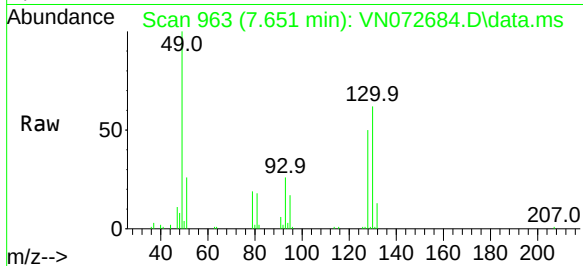




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072684.D
Acq: 07 Jun 2022 13:41

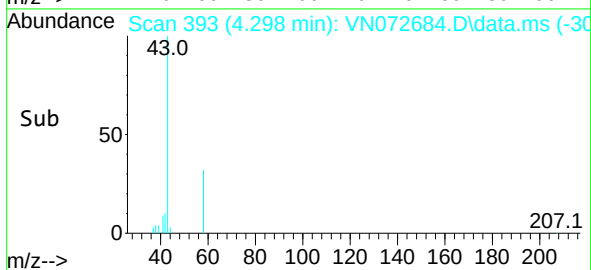
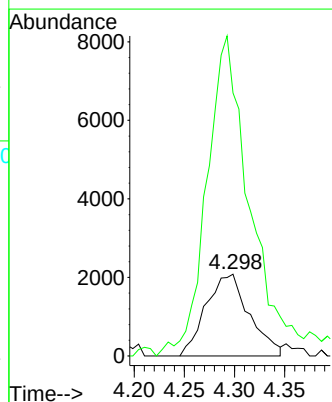
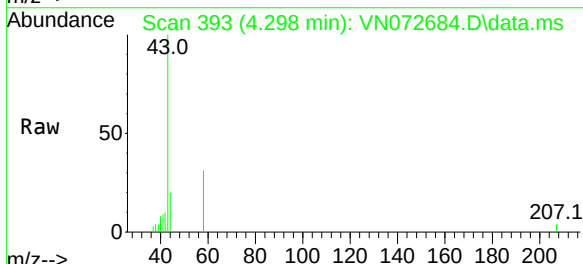
Instrument :
MSVOA_N
ClientSampleId :
14B-2

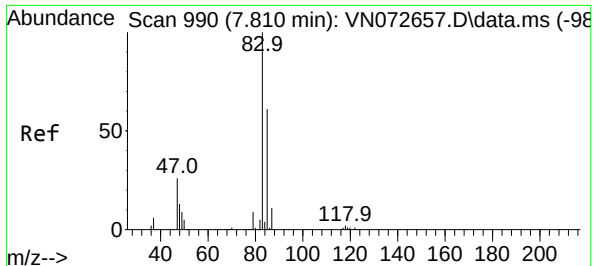
Tgt Ion:128 Resp: 35126
Ion Ratio Lower Upper
128 100
49 195.4 0.0 392.3
130 129.8 0.0 320.2



#15
Acetone
Concen: 11.889 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.018 min
Lab File: VN072684.D
Acq: 07 Jun 2022 13:41

Tgt Ion: 58 Resp: 6283
Ion Ratio Lower Upper
58 100
43 303.1 256.6 384.8

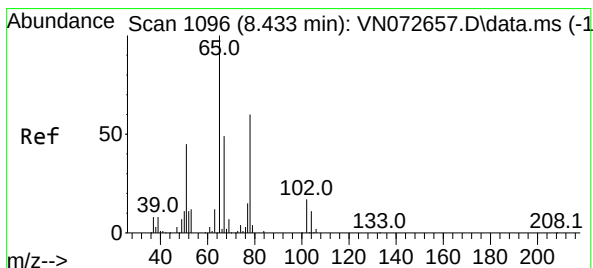
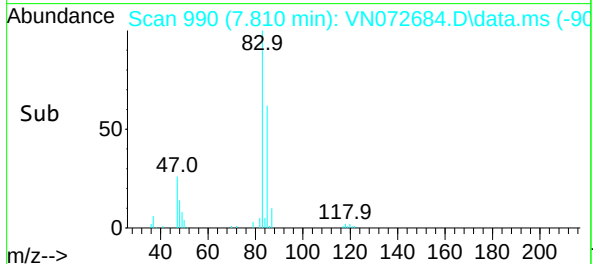
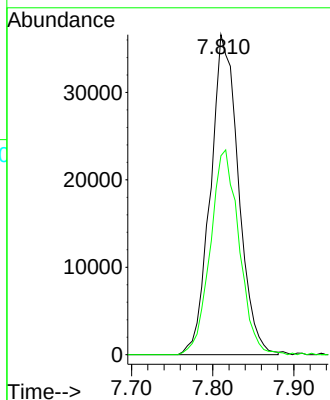
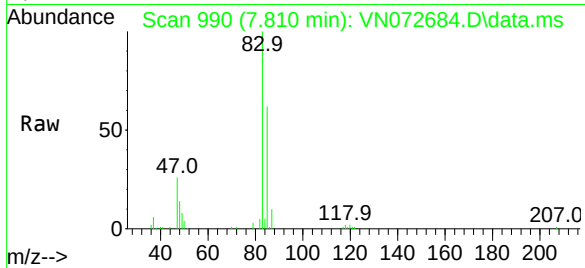




#25
Chloroform
Concen: 15.507 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072684.D
Acq: 07 Jun 2022 13:41

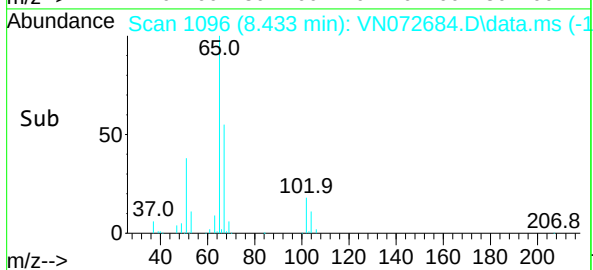
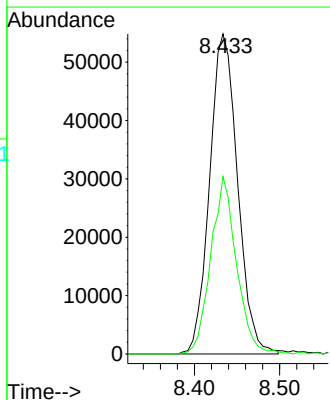
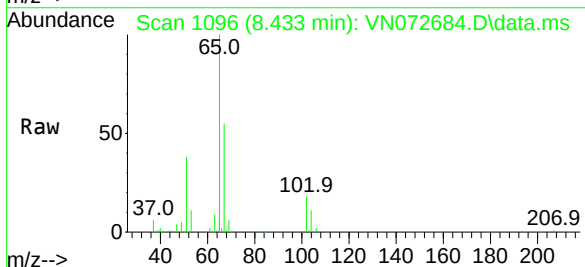
Instrument :
MSVOA_N
ClientSampleId :
14B-2

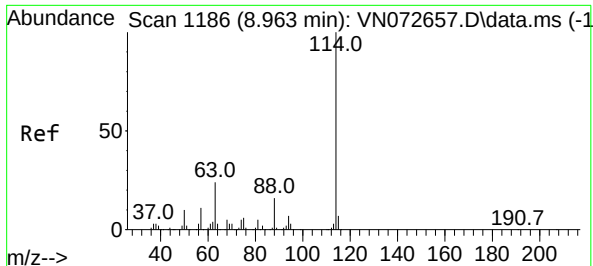
Tgt Ion: 83 Resp: 87871
Ion Ratio Lower Upper
83 100
85 62.1 51.3 76.9



#27
1,2-Dichloroethane-d4
Concen: 31.192 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072684.D
Acq: 07 Jun 2022 13:41

Tgt Ion: 65 Resp: 124955
Ion Ratio Lower Upper
65 100
67 51.0 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: VN072684.D

Acq: 07 Jun 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

14B-2

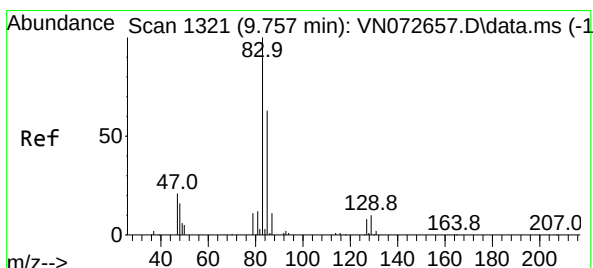
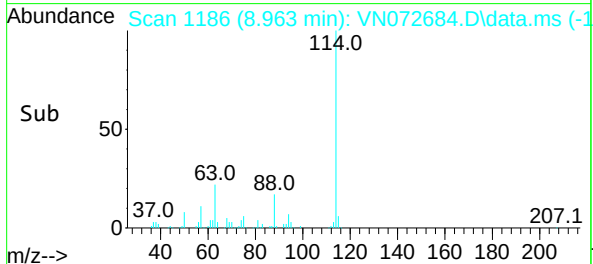
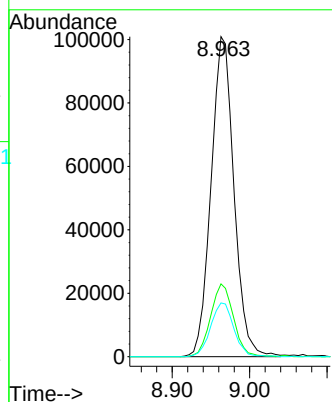
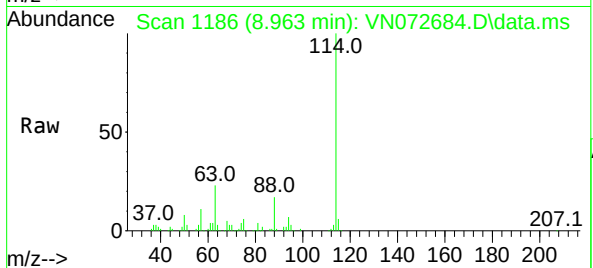
Tgt Ion:114 Resp: 207554

Ion Ratio Lower Upper

114 100

63 22.7 15.8 23.6

88 17.1 11.6 17.4



#41

Bromodichloromethane

Concen: 1.754 ug/l

RT: 9.757 min Scan# 1321

Delta R.T. 0.000 min

Lab File: VN072684.D

Acq: 07 Jun 2022 13:41

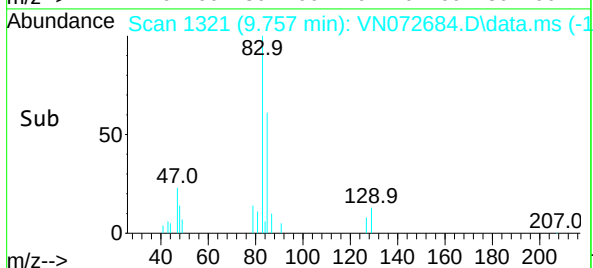
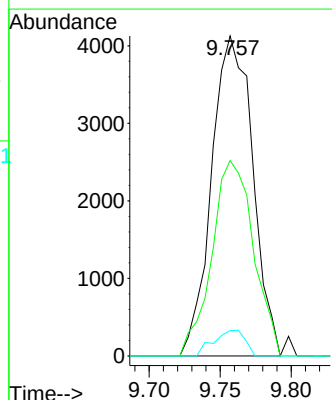
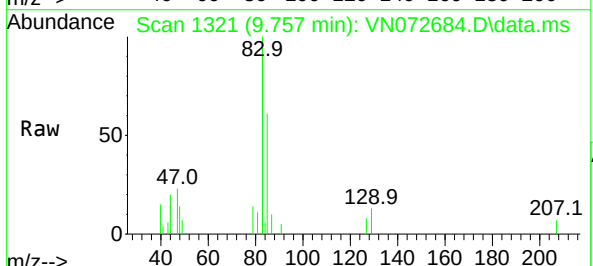
Tgt Ion: 83 Resp: 8283

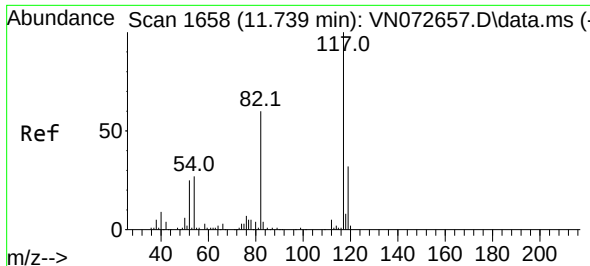
Ion Ratio Lower Upper

83 100

85 61.0 54.1 81.1

127 7.9 7.6 11.4

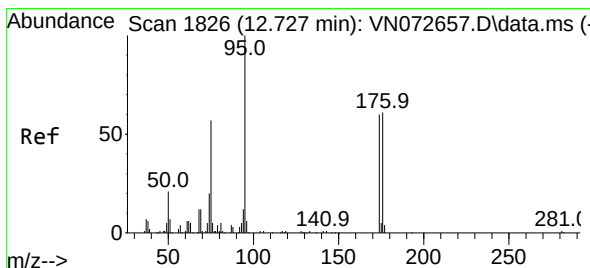
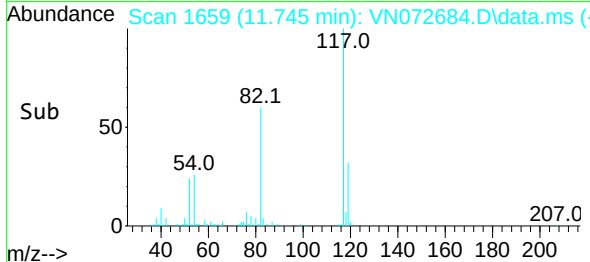
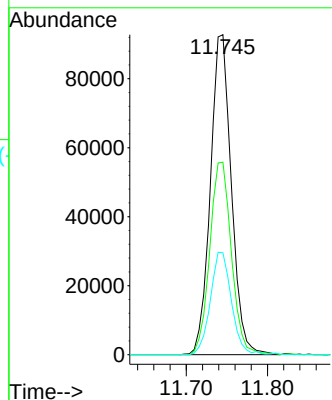
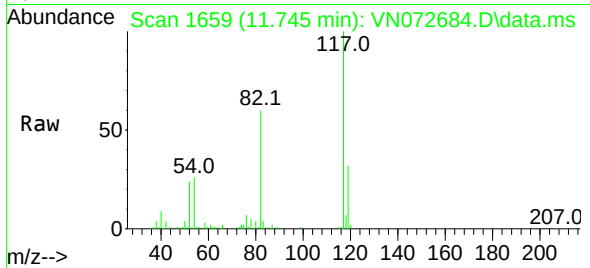




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VN072684.D
Acq: 07 Jun 2022 13:41

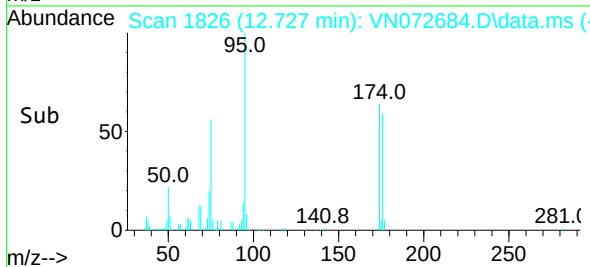
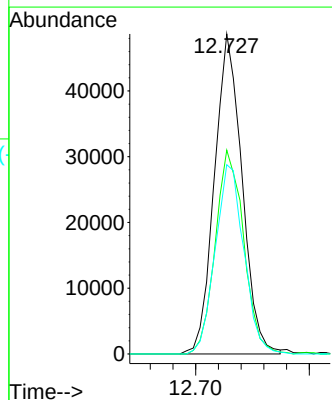
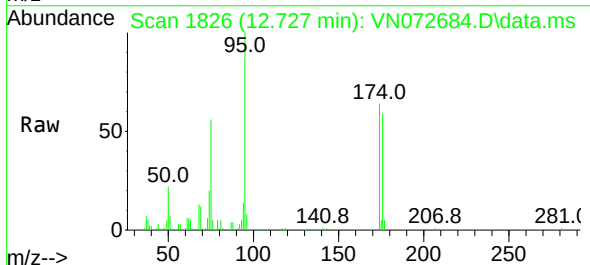
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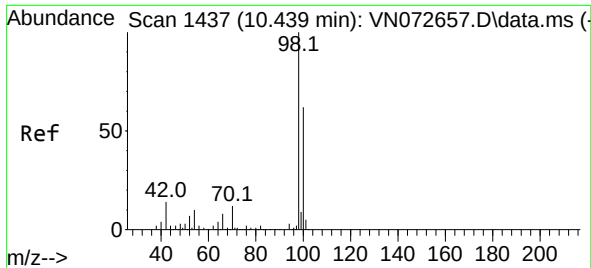
Tgt Ion:117 Resp: 166608
Ion Ratio Lower Upper
117 100
82 62.1 43.6 65.4
119 32.0 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 23.961 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072684.D
Acq: 07 Jun 2022 13:41

Tgt Ion: 95 Resp: 82107
Ion Ratio Lower Upper
95 100
174 65.6 62.9 94.3
176 61.5 61.0 91.4





#63

Toluene-d8

Concen: 33.281 ug/l

RT: 10.439 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN072684.D

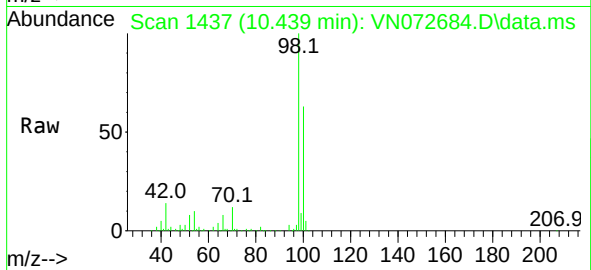
Acq: 07 Jun 2022 13:41

Instrument :

MSVOA_N

ClientSampleId :

14B-2



Tgt Ion: 98 Resp: 307157

Ion Ratio Lower Upper

98 100

100 65.3 50.6 76.0

