

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100821\
 Data File : VN068852.D
 Acq On : 8 Oct 2021 16:54
 Operator : JC/MD
 Sample : M4104-01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 55TH-ST-33

Quant Time: Oct 11 04:53:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092821W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 29 08:56:32 2021
 Response via : Initial Calibration

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

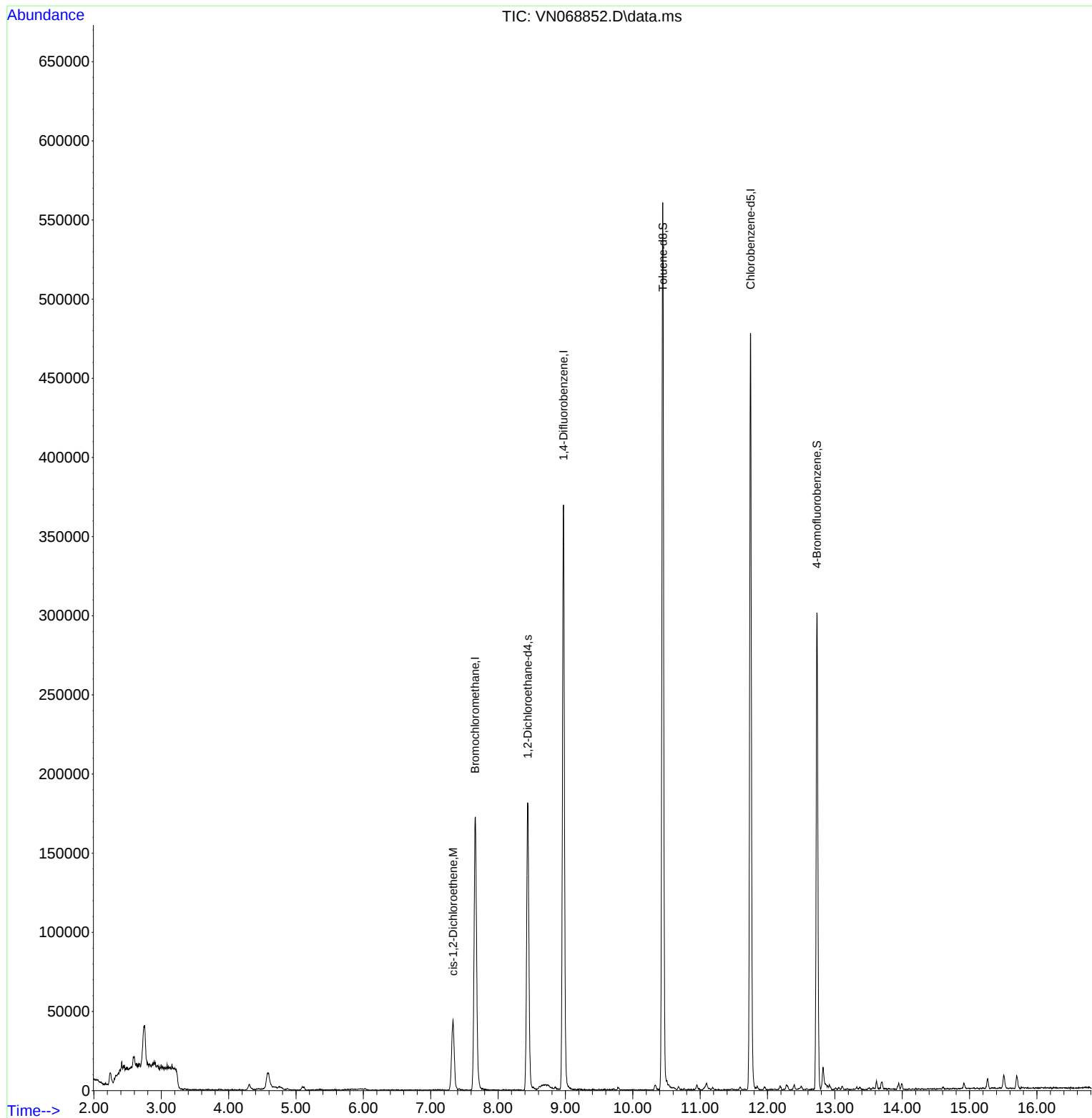
Internal Standards						
1) Bromochloromethane	7.659	128	60767	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	316371	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.749	117	272009	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	151713	32.39	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.97%
60) 4-Bromofluorobenzene	12.733	95	96506	22.71	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.70%
63) Toluene-d8	10.446	98	389615	31.69	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	105.63%
Target Compounds						
22) cis-1,2-Dichloroethene	7.332	96	24652	5.72	ug/l	Qvalue 84

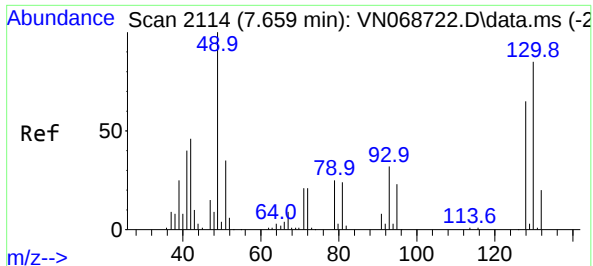
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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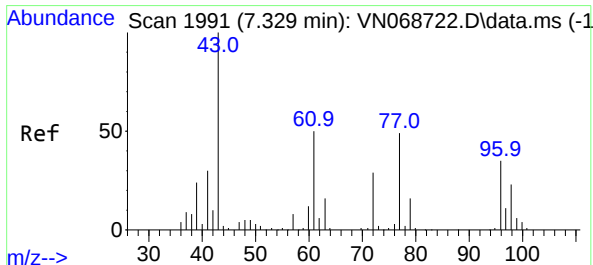
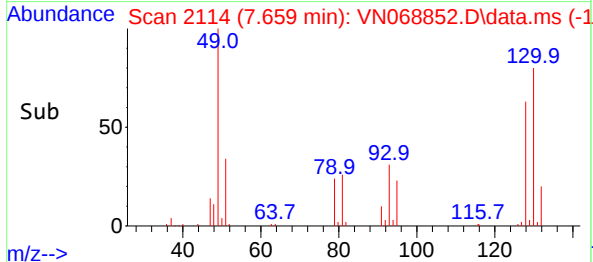
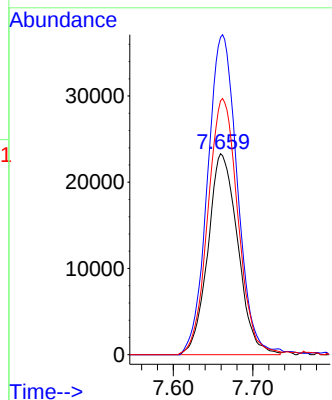
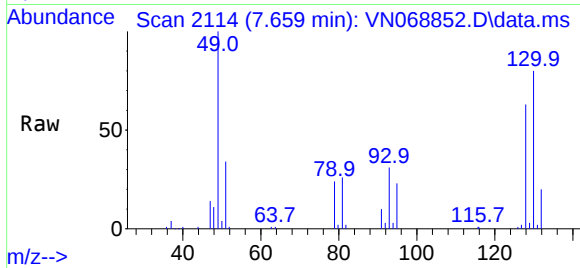




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.000 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

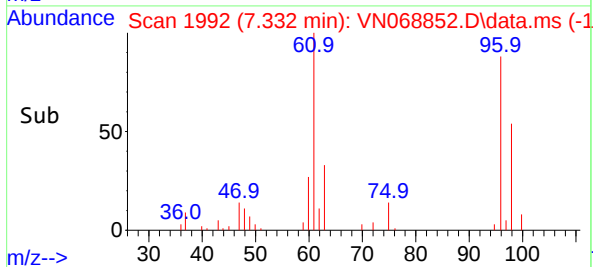
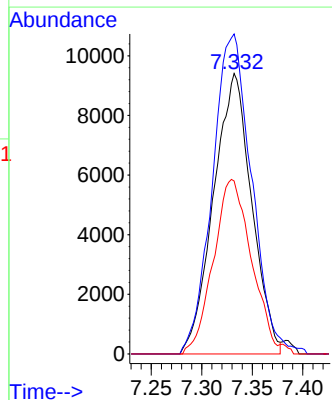
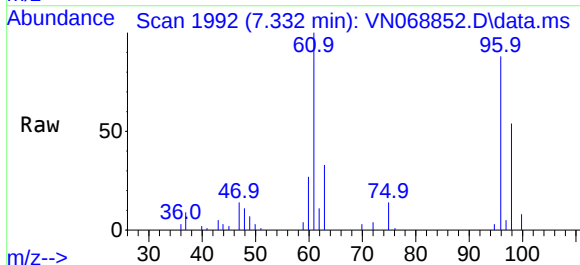
Instrument :
MSVOA_N
ClientSampled :
55TH-ST-33

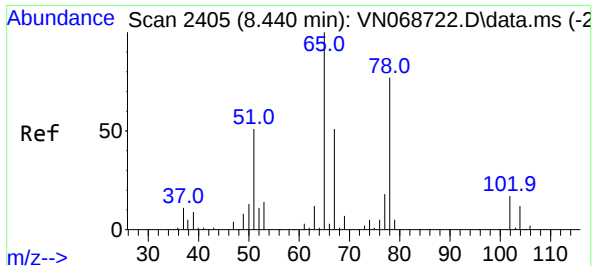
Tgt Ion:128 Resp: 60767
Ion Ratio Lower Upper
128 100
49 158.2 0.0 392.3
130 128.0 0.0 320.2



#22
cis-1,2-Dichloroethene
Concen: 5.72 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. 0.003 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

Tgt Ion: 96 Resp: 24652
Ion Ratio Lower Upper
96 100
61 117.3 115.7 173.5
98 61.9 51.6 77.4

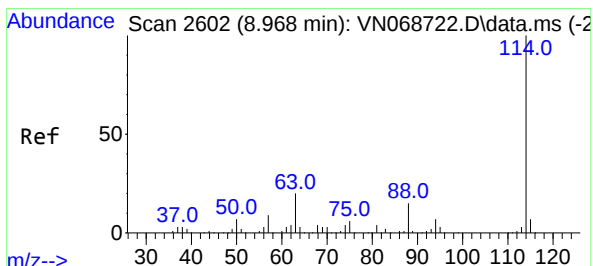
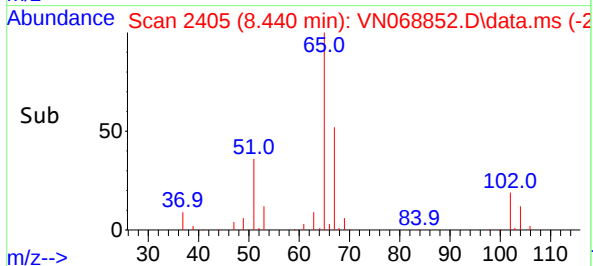
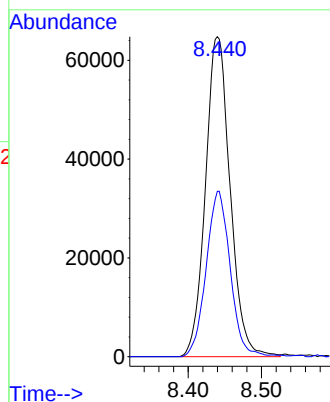
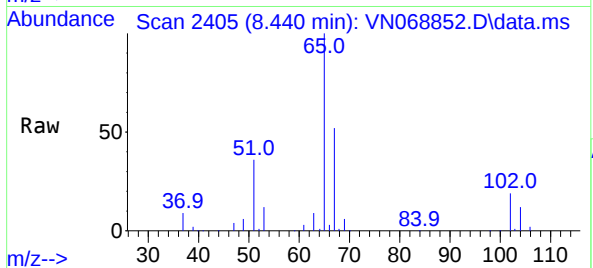




#27
1,2-Dichloroethane-d4
Concen: 32.39 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

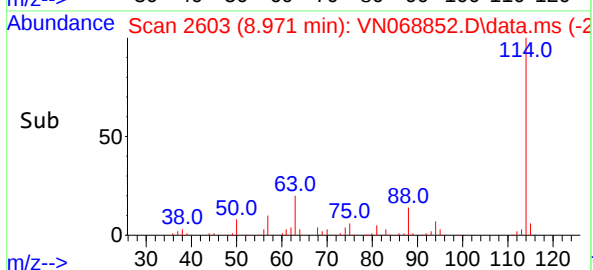
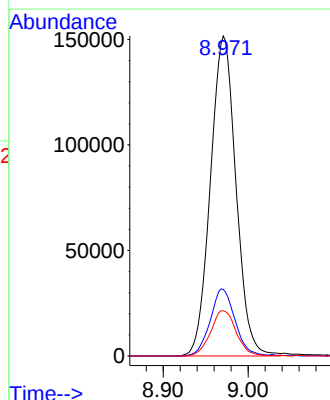
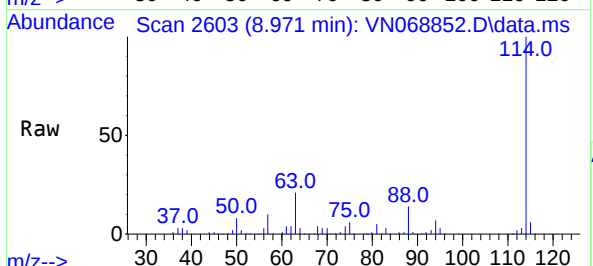
Instrument :
MSVOA_N
ClientSampleId :
55TH-ST-33

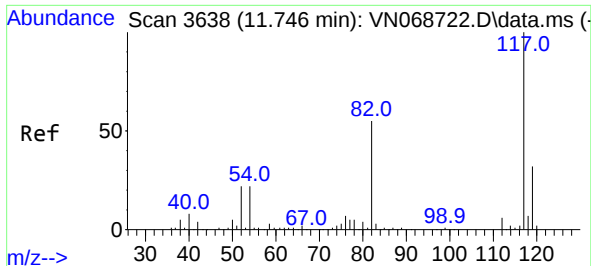
Tgt Ion: 65 Resp: 151713
Ion Ratio Lower Upper
65 100
67 50.2 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

Tgt Ion: 114 Resp: 316371
Ion Ratio Lower Upper
114 100
63 20.4 15.8 23.6
88 14.1 11.6 17.4

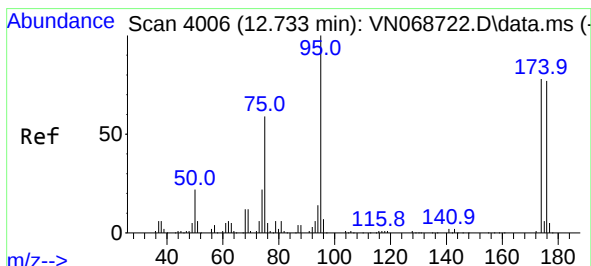
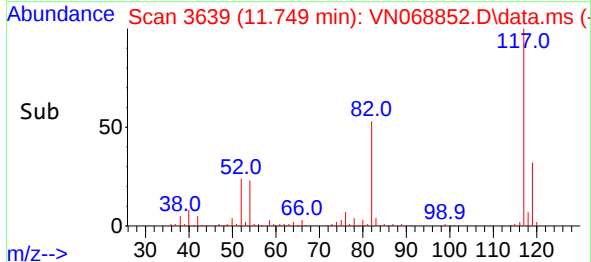
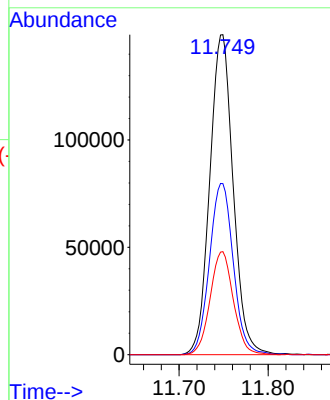
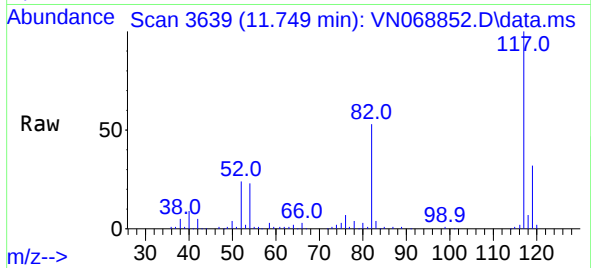




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

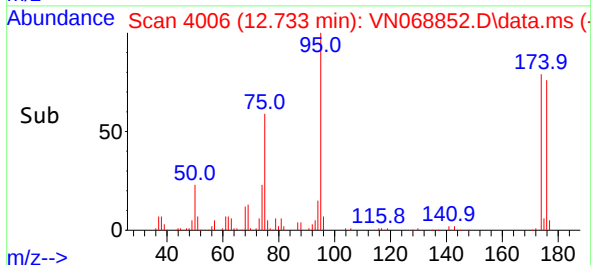
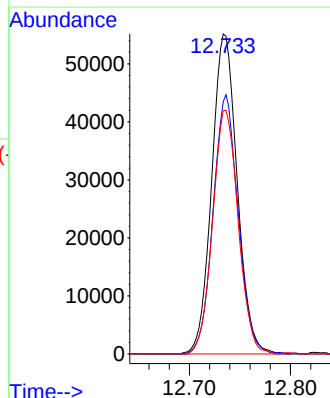
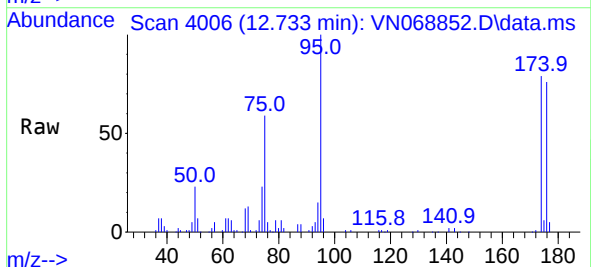
Instrument :
MSVOA_N
ClientSampled :
55TH-ST-33

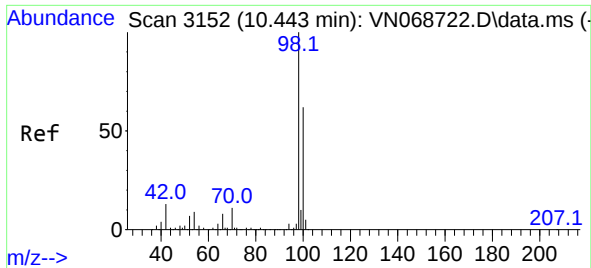
Tgt Ion:117 Resp: 272009
Ion Ratio Lower Upper
117 100
82 54.6 43.6 65.4
119 32.0 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 22.71 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

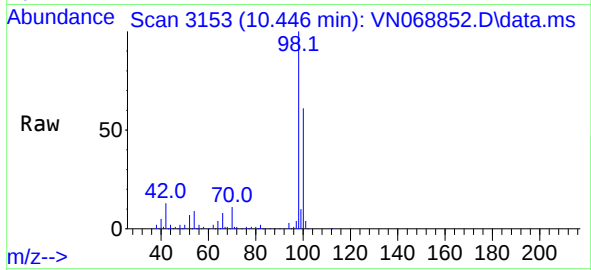
Tgt Ion: 95 Resp: 96506
Ion Ratio Lower Upper
95 100
174 79.7 62.9 94.3
176 76.2 61.0 91.4





#63
Toluene-d8
Concen: 31.69 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068852.D
Acq: 8 Oct 2021 16:54

Instrument :
MSVOA_N
ClientSampleId :
55TH-ST-33



Tgt Ion: 98 Resp: 389615
Ion Ratio Lower Upper
98 100
100 61.5 50.6 76.0

