

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068803.D
 Acq On : 5 Oct 2021 14:47
 Operator : JC/MD
 Sample : M4054-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-033-IDWGW-20211001

Quant Time: Oct 05 15:53:32 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)

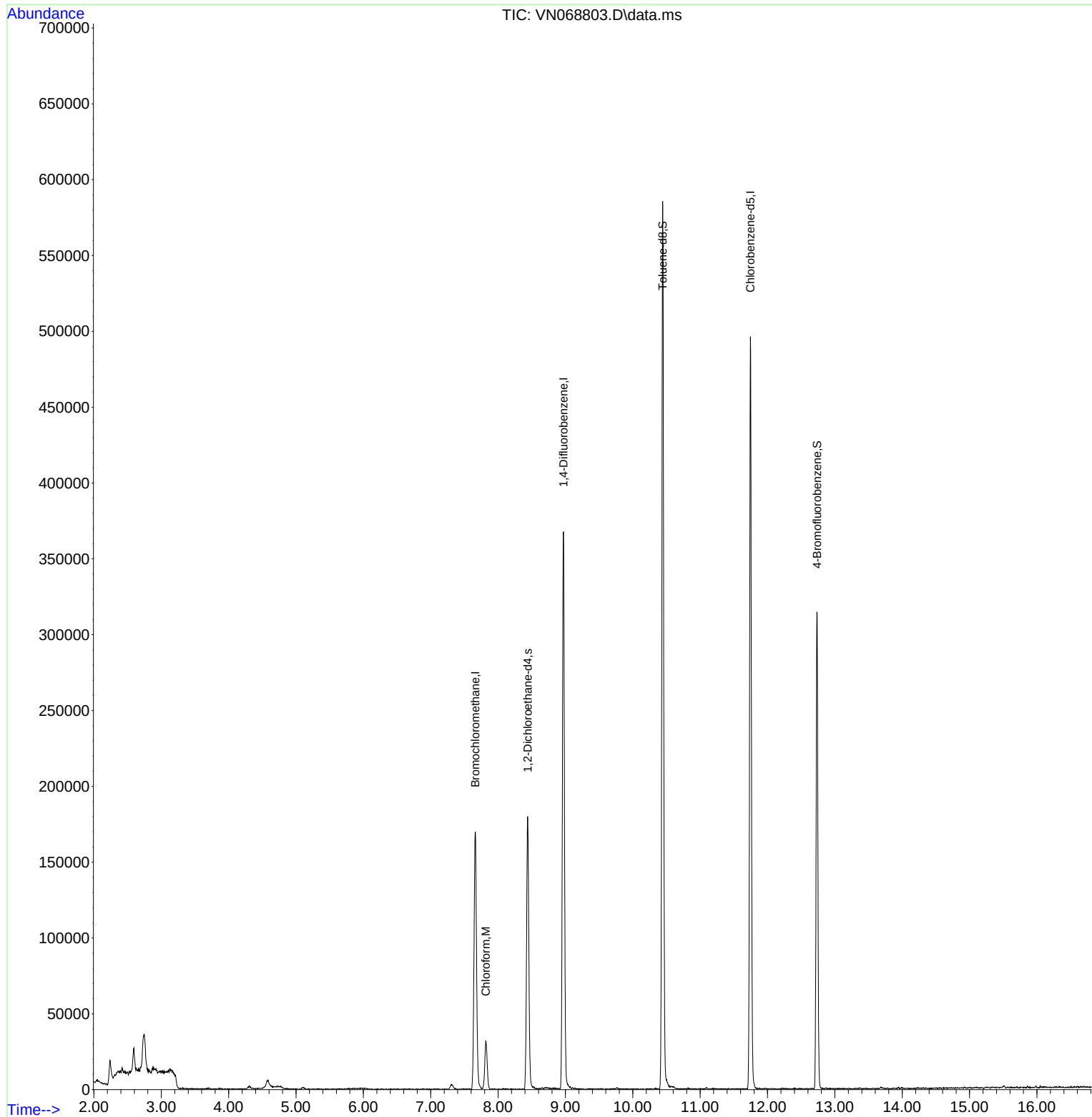
Internal Standards						
1) Bromochloromethane	7.662	128	60309	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	319860	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	276021	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	148908	32.03	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.77%
60) 4-Bromofluorobenzene	12.736	95	100197	23.24	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	77.47%
63) Toluene-d8	10.443	98	401629	32.19	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	107.30%
Target Compounds						
25) Chloroform	7.817	83	29837	3.97	ug/l	Qvalue 93

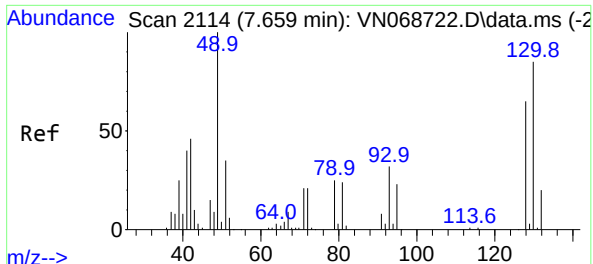
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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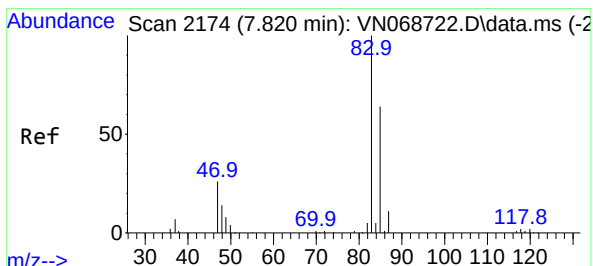
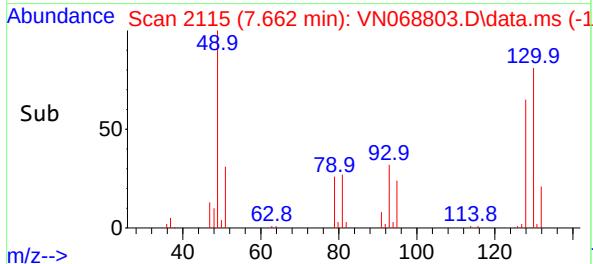
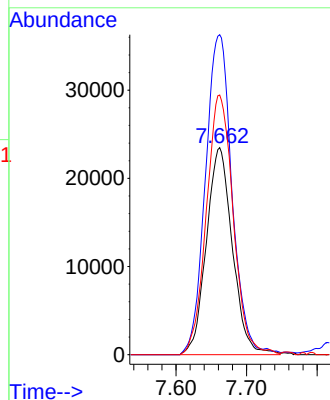
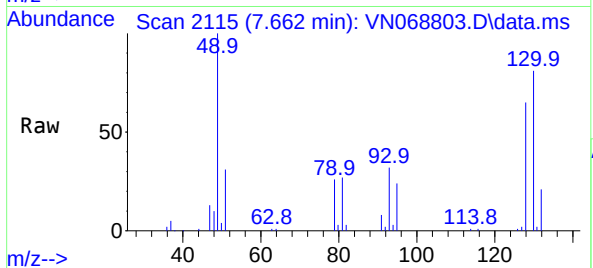


#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

Instrument :
MSVOA_N
ClientSampleId :
TT-033-IDWGW-20211001

Tgt Ion:128 Resp: 60309

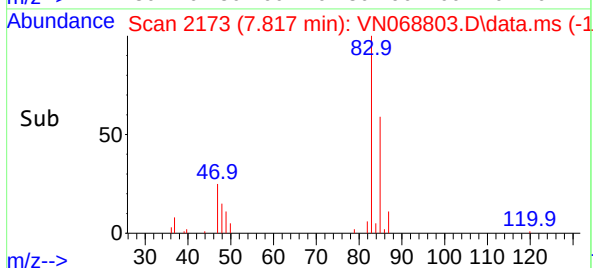
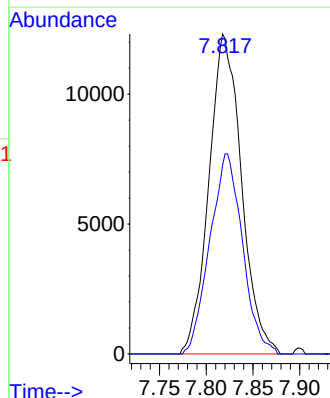
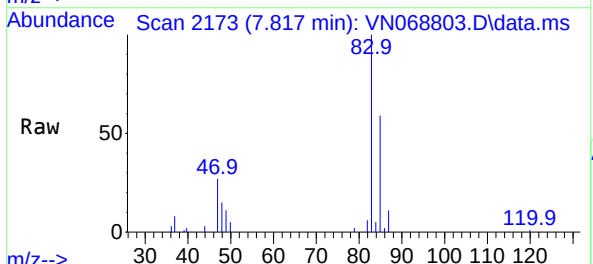
Ion	Ratio	Lower	Upper
128	100		
49	156.6	0.0	392.3
130	128.6	0.0	320.2

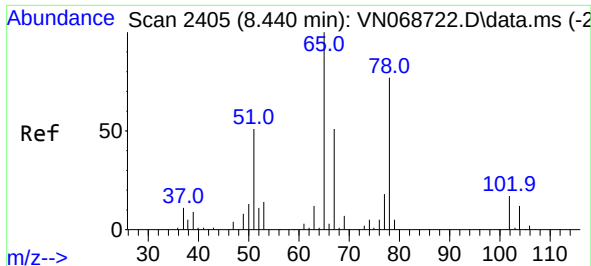


#25
Chloroform
Concen: 3.97 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.003 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

Tgt Ion: 83 Resp: 29837

Ion	Ratio	Lower	Upper
83	100		
85	59.0	51.3	76.9

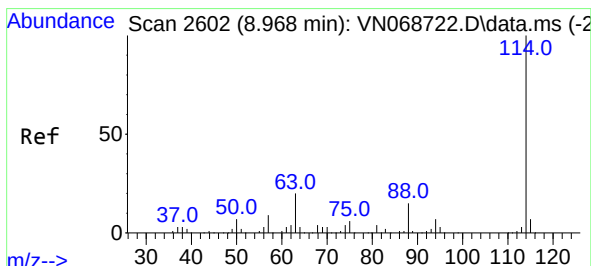
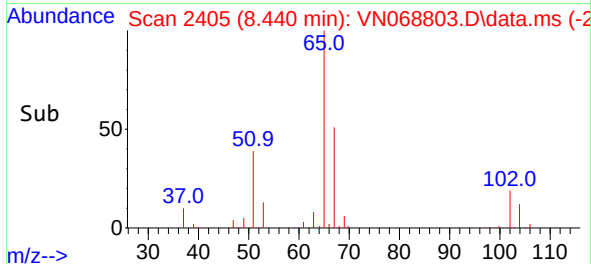
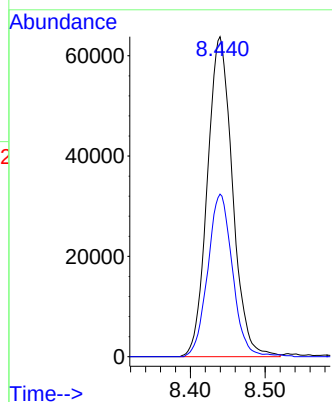
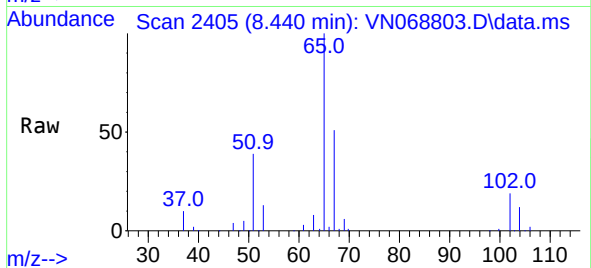




#27
1,2-Dichloroethane-d4
Concen: 32.03 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

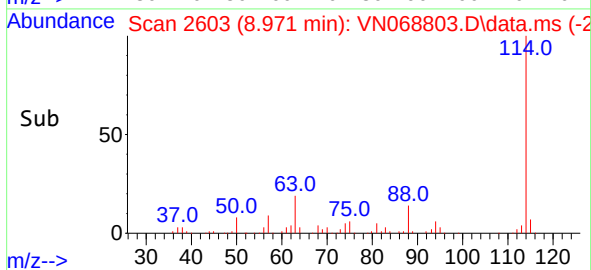
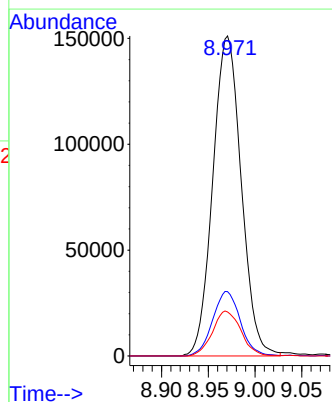
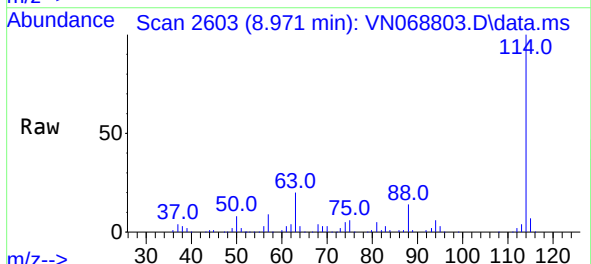
Instrument :
MSVOA_N
ClientSampleId :
TT-033-IDWGW-20211001

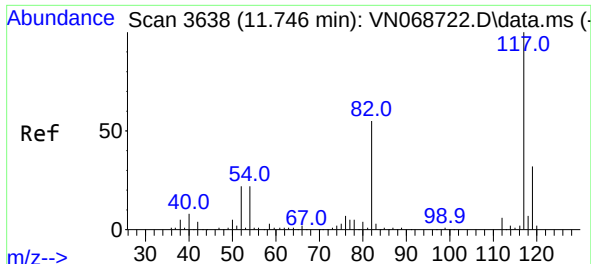
Tgt Ion: 65 Resp: 148908
Ion Ratio Lower Upper
65 100
67 49.6 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

Tgt Ion: 114 Resp: 319860
Ion Ratio Lower Upper
114 100
63 19.7 15.8 23.6
88 14.0 11.6 17.4



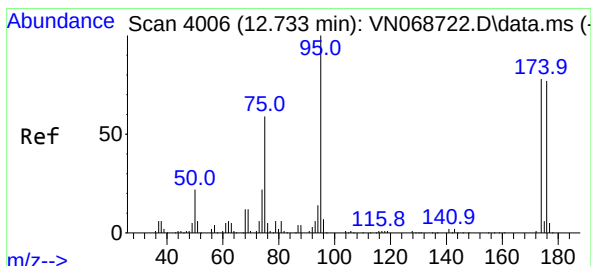
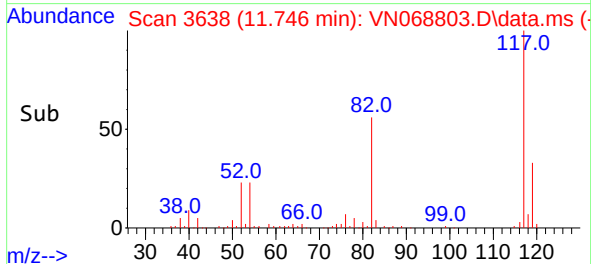
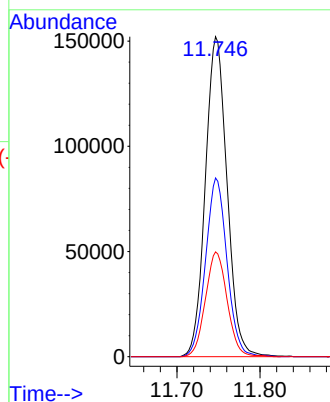
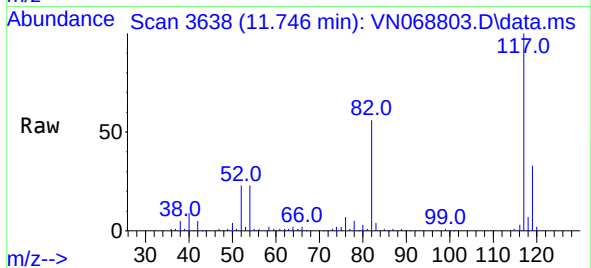


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

Instrument :
MSVOA_N
ClientSampleId :
TT-033-IDWGW-20211001

Tgt Ion:117 Resp: 276021

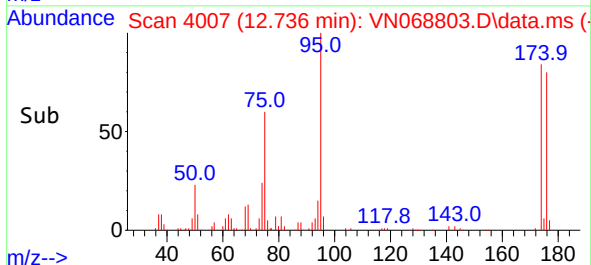
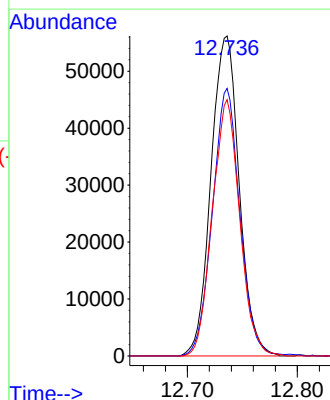
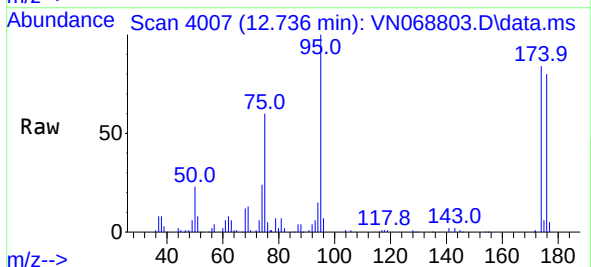
Ion	Ratio	Lower	Upper
117	100		
82	55.2	43.6	65.4
119	32.7	25.8	38.6

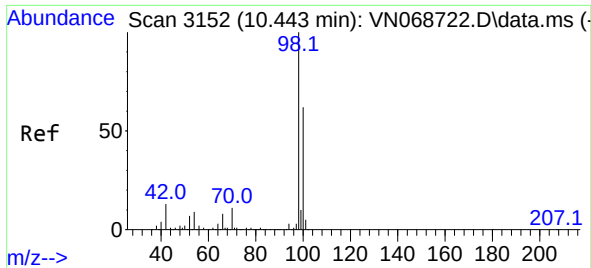


#60
4-Bromofluorobenzene
Concen: 23.24 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

Tgt Ion: 95 Resp: 100197

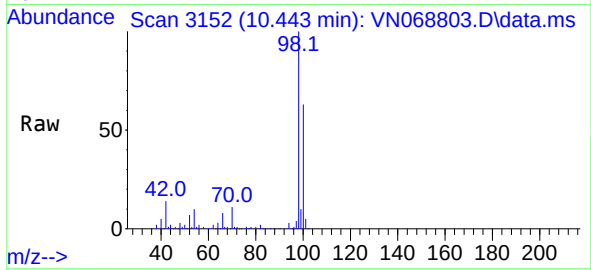
Ion	Ratio	Lower	Upper
95	100		
174	81.2	62.9	94.3
176	77.7	61.0	91.4





#63
Toluene-d8
Concen: 32.19 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068803.D
Acq: 5 Oct 2021 14:47

Instrument :
MSVOA_N
ClientSampleId :
TT-033-IDWGW-20211001



Tgt Ion: 98 Resp: 401629
Ion Ratio Lower Upper
98 100
100 62.9 50.6 76.0

