

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068806.D
 Acq On : 5 Oct 2021 16:03
 Operator : JC/MD
 Sample : M4054-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-034-IDWGW-20211001

Quant Time: Oct 05 16:26:08 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)

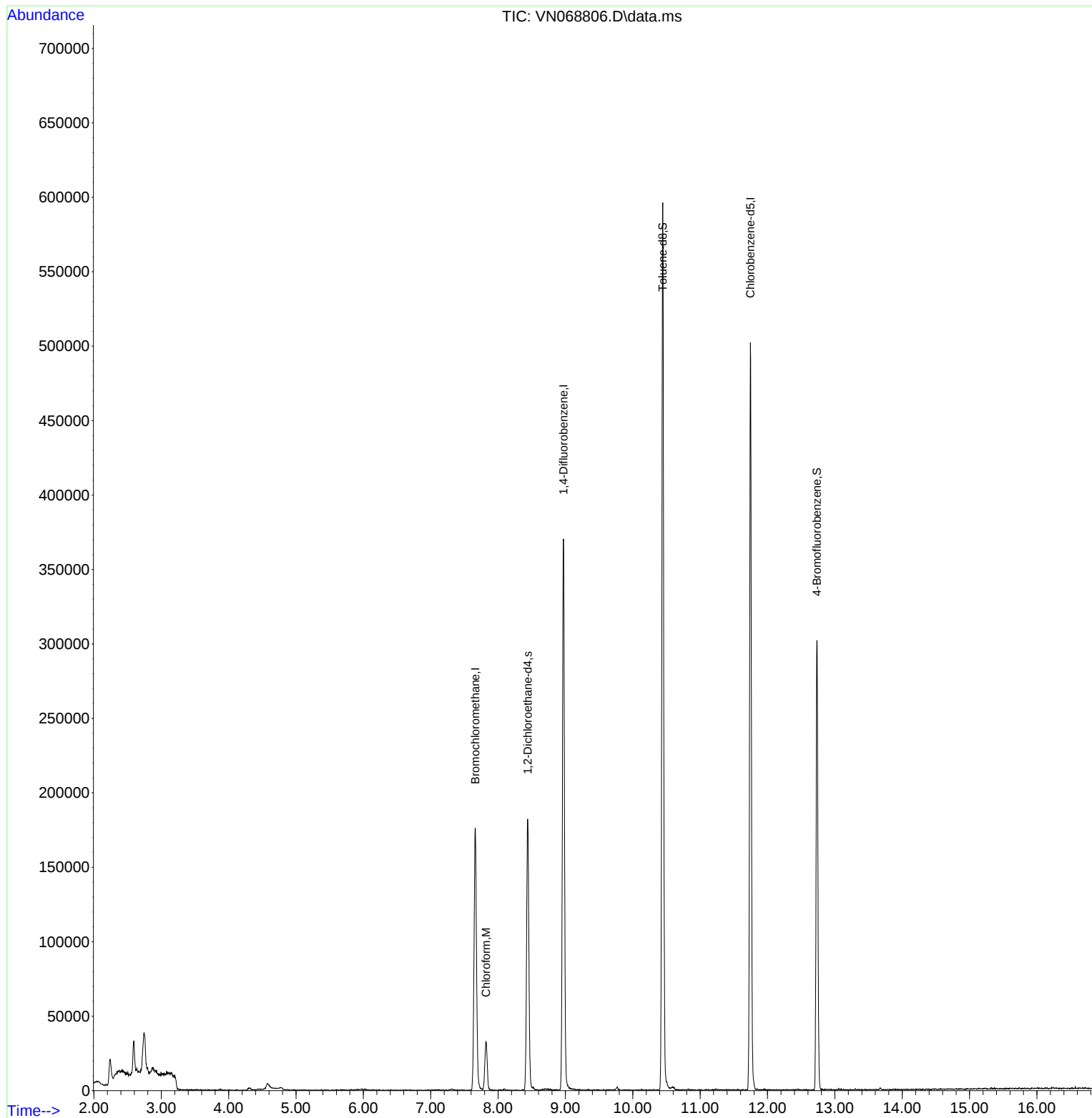
Internal Standards						
1) Bromochloromethane	7.662	128	61602	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	320672	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.746	117	282595	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.440	65	149965	31.58	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.27%
60) 4-Bromofluorobenzene	12.733	95	99649	22.57	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	75.23%
63) Toluene-d8	10.443	98	408188	31.96	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	106.53%
Target Compounds						
25) Chloroform	7.820	83	31467	4.10	ug/l	Qvalue 92

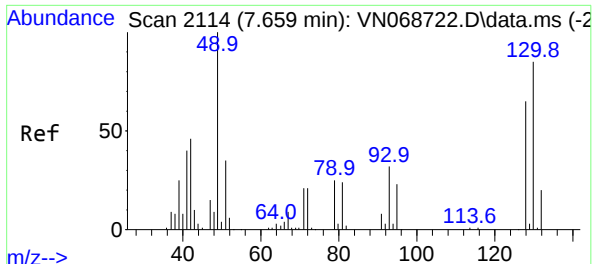
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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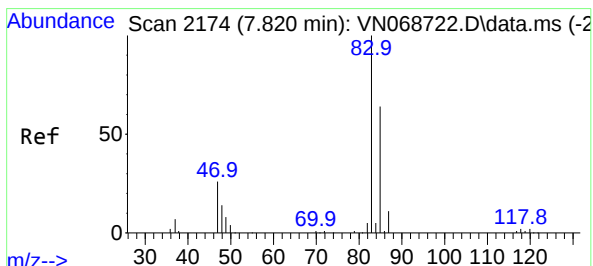
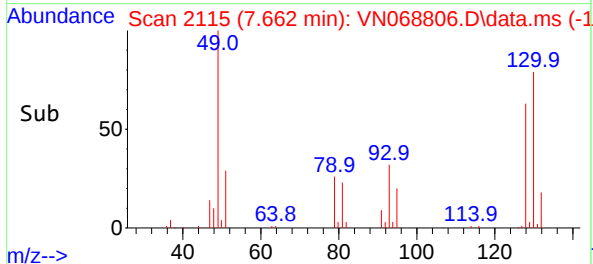
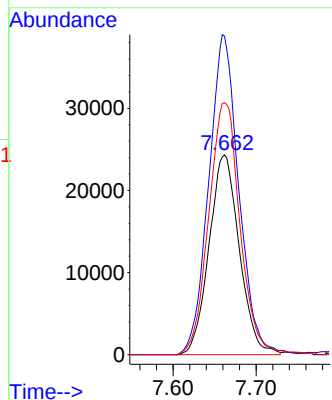
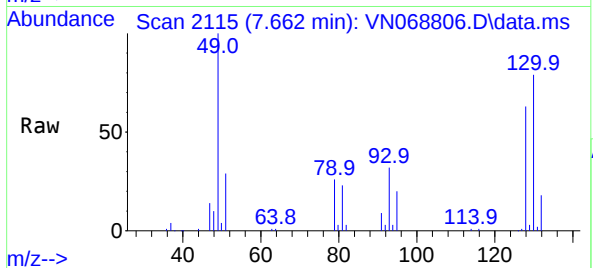




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

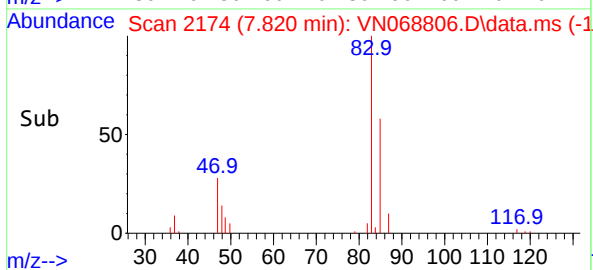
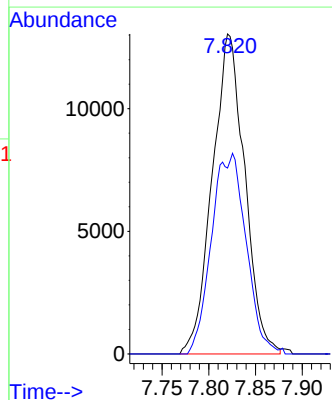
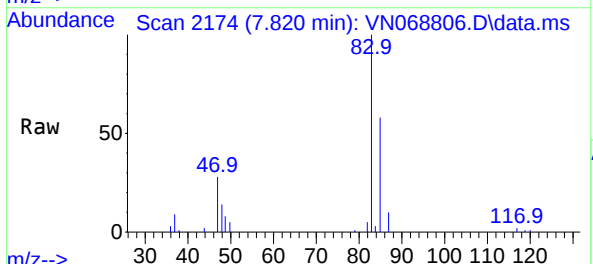
Instrument :
MSVOA_N
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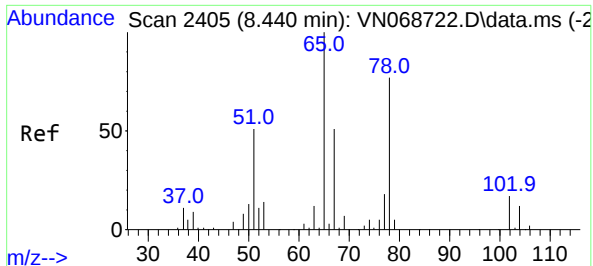
Tgt Ion:128 Resp: 61602
Ion Ratio Lower Upper
128 100
49 158.3 0.0 392.3
130 129.7 0.0 320.2



#25
Chloroform
Concen: 4.10 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

Tgt Ion: 83 Resp: 31467
Ion Ratio Lower Upper
83 100
85 58.1 51.3 76.9

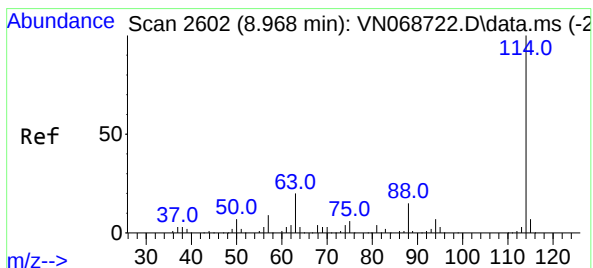
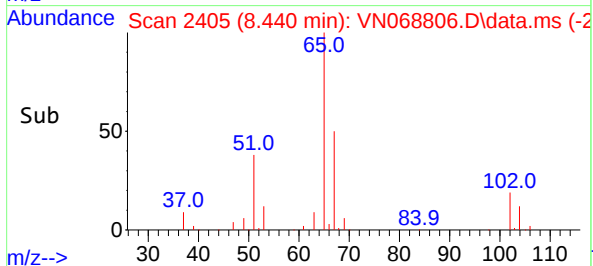
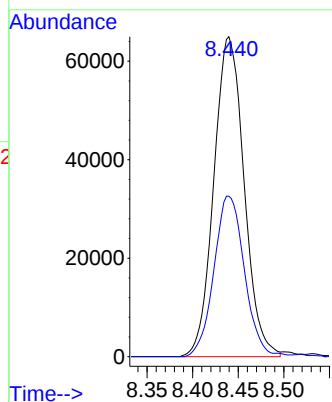
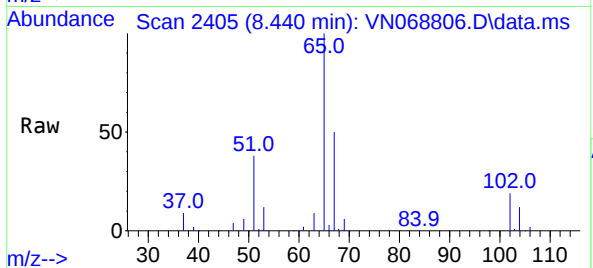




#27
1,2-Dichloroethane-d4
Concen: 31.58 ug/l
RT: 8.440 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

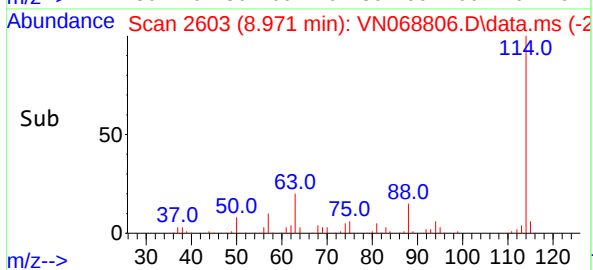
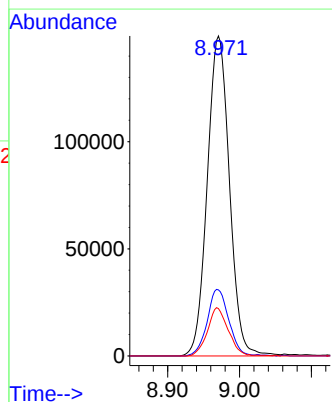
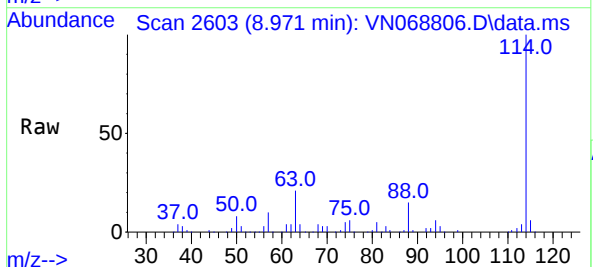
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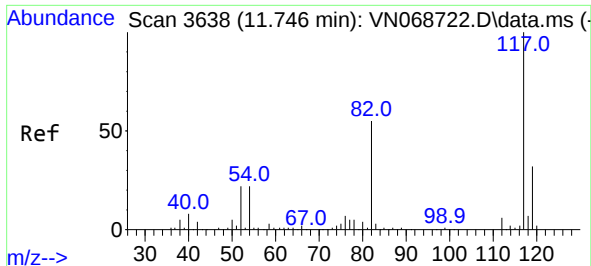
Tgt Ion: 65 Resp: 149965
Ion Ratio Lower Upper
65 100
67 50.2 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

Tgt Ion: 114 Resp: 320672
Ion Ratio Lower Upper
114 100
63 20.2 15.8 23.6
88 14.0 11.6 17.4

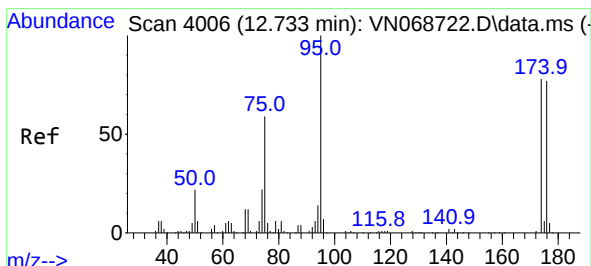
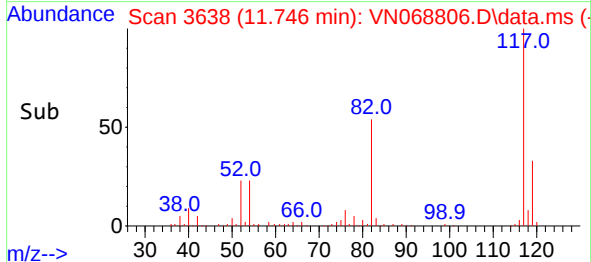
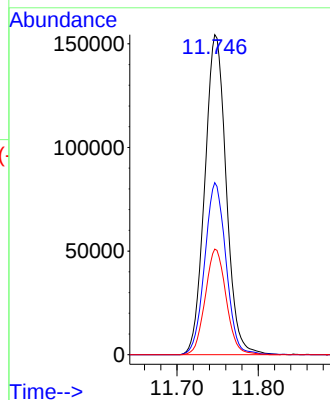
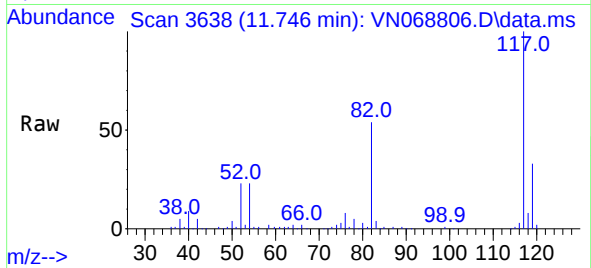




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

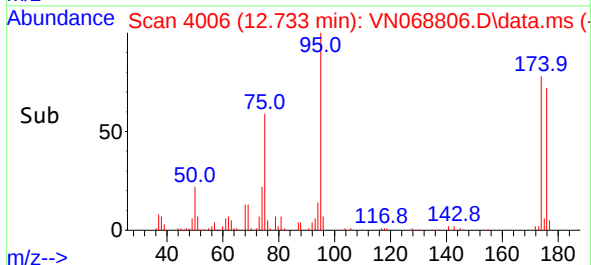
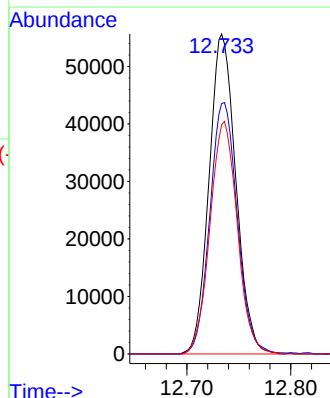
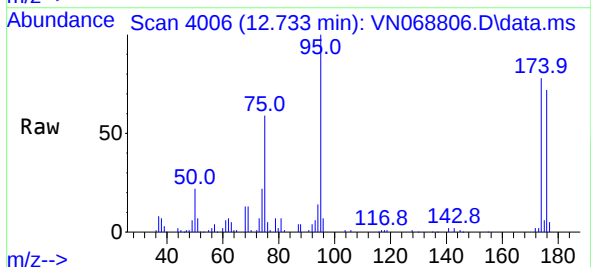
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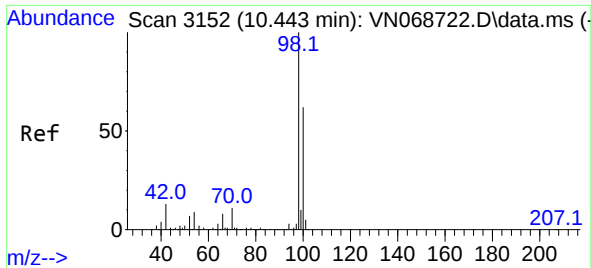
Tgt Ion:117 Resp: 282595
Ion Ratio Lower Upper
117 100
82 53.4 43.6 65.4
119 32.3 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 22.57 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.000 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

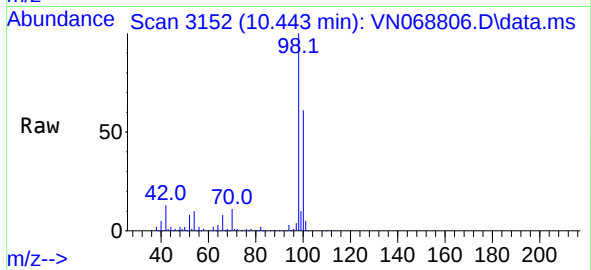
Tgt Ion: 95 Resp: 99649
Ion Ratio Lower Upper
95 100
174 80.8 62.9 94.3
176 74.2 61.0 91.4





#63
Toluene-d8
Concen: 31.96 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068806.D
Acq: 5 Oct 2021 16:03

Instrument :
MSVOA_N
ClientSampleId :
TT-034-IDWGW-20211001



Tgt Ion: 98 Resp: 408188
Ion Ratio Lower Upper
98 100
100 62.6 50.6 76.0

