

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100521\
 Data File : VN068804.D
 Acq On : 5 Oct 2021 15:13
 Operator : JC/MD
 Sample : M4054-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Oct 05 15:53:50 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)

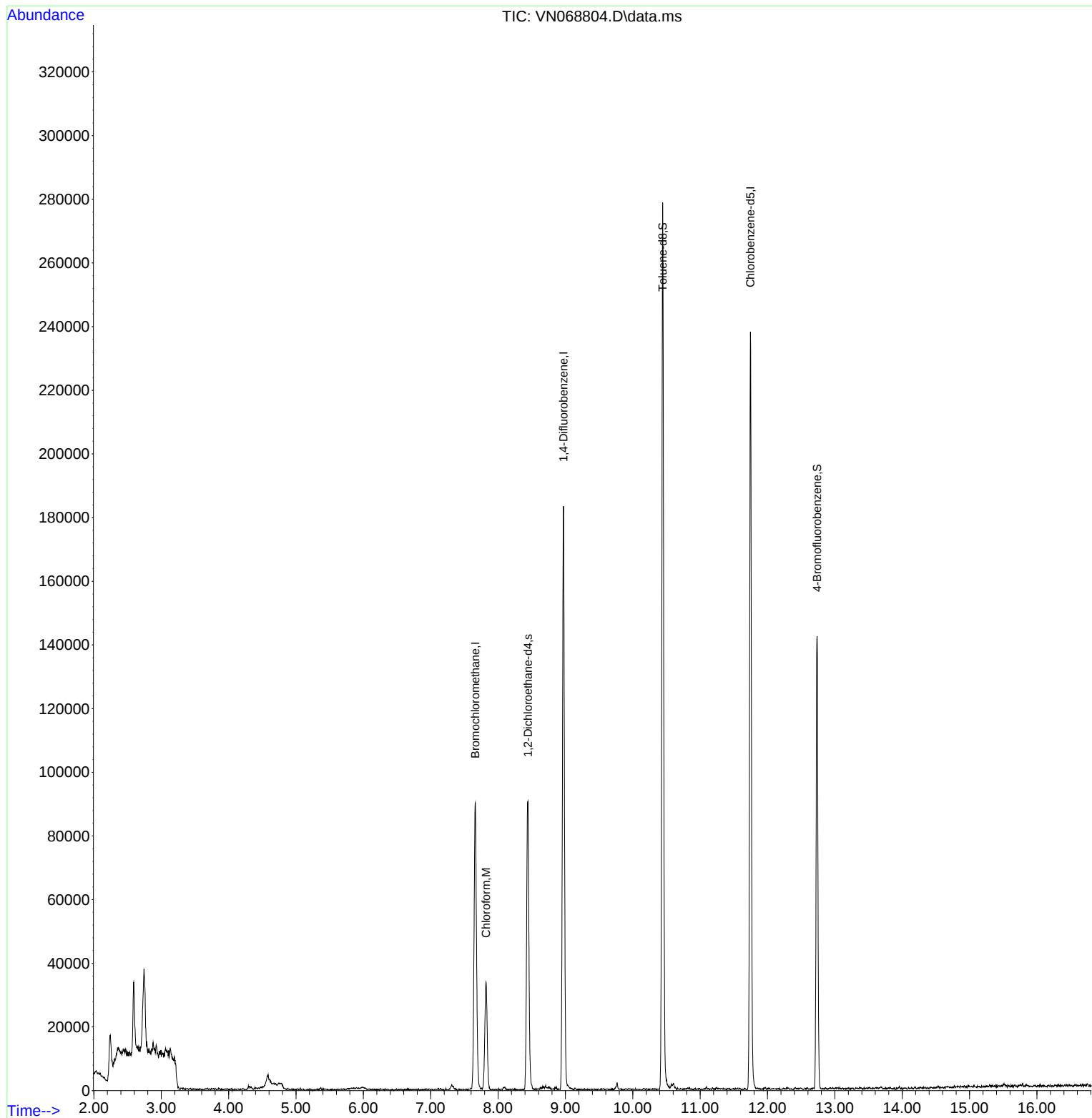
Internal Standards						
1) Bromochloromethane	7.662	128	31636	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	154007	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.747	117	136454	30.00	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	76421	31.34	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.47%
60) 4-Bromofluorobenzene	12.736	95	44950	21.09	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	70.30%
63) Toluene-d8	10.443	98	192675	31.24	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.13%
Target Compounds						
25) Chloroform	7.820	83	30667	7.77	ug/l	Qvalue 100

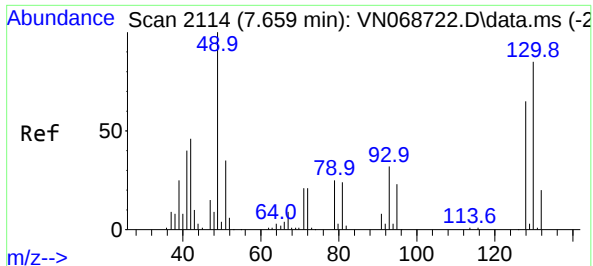
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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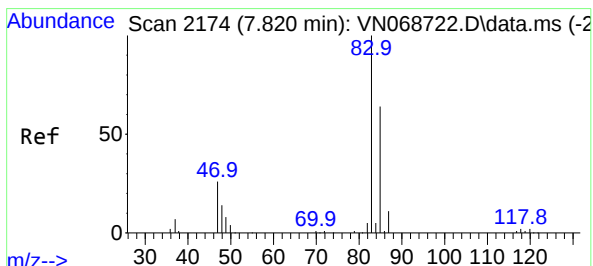
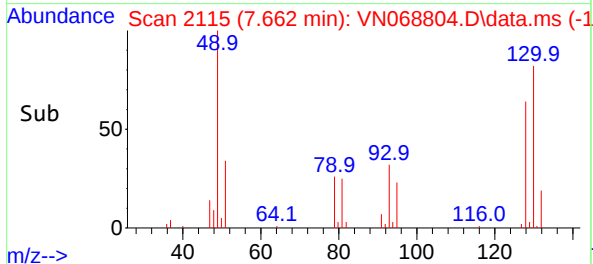
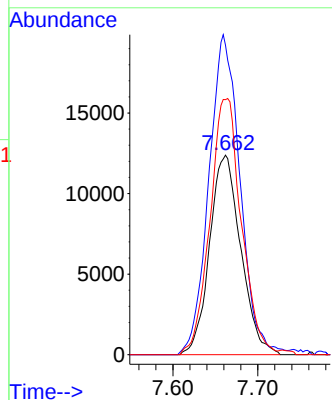
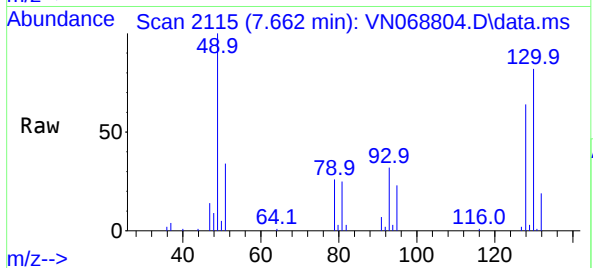




#1
Bromochloromethane
Concen: 30.00 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

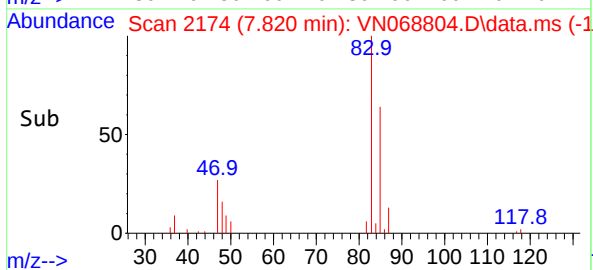
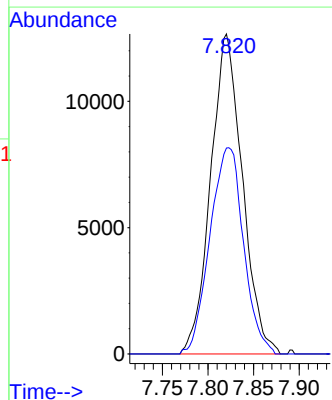
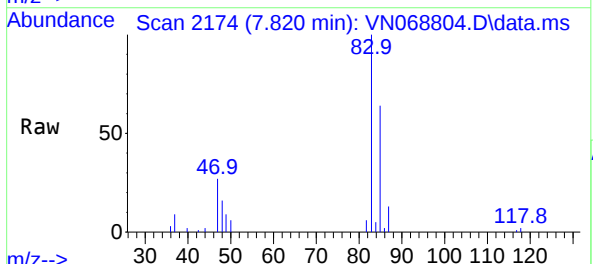
Instrument :
MSVOA_N
ClientSampleId :
TT-034-IDWGW-20211001

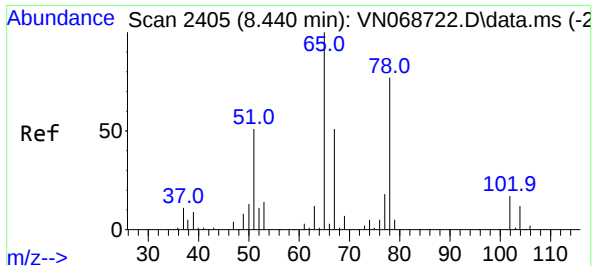
Tgt Ion:128 Resp: 31636
Ion Ratio Lower Upper
128 100
49 158.9 0.0 392.3
130 129.2 0.0 320.2



#25
Chloroform
Concen: 7.77 ug/l
RT: 7.820 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

Tgt Ion: 83 Resp: 30667
Ion Ratio Lower Upper
83 100
85 64.3 51.3 76.9

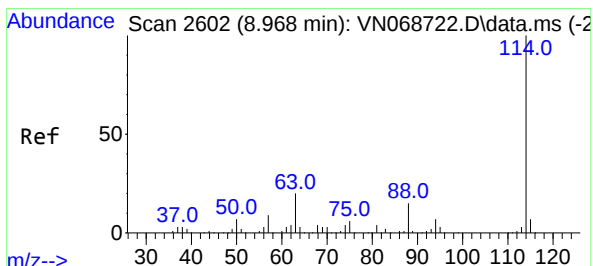
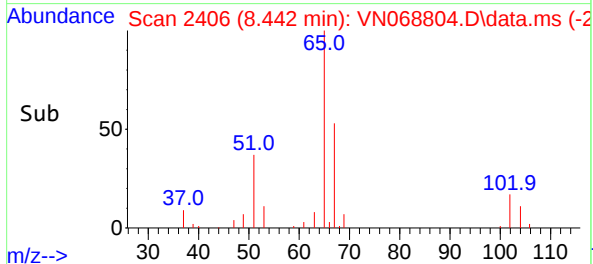
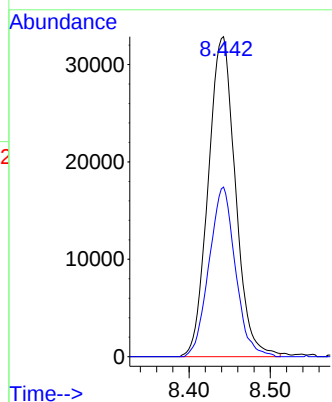
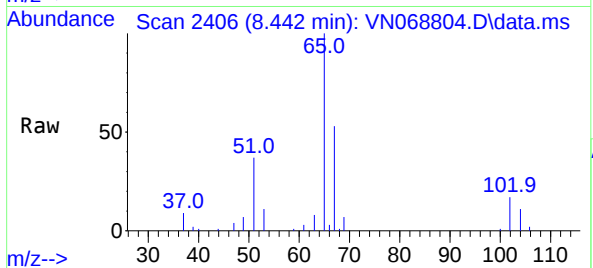




#27
1,2-Dichloroethane-d4
Concen: 31.34 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.002 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

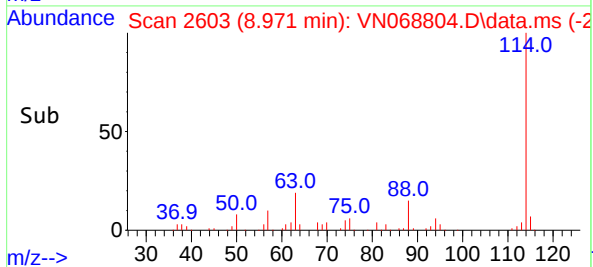
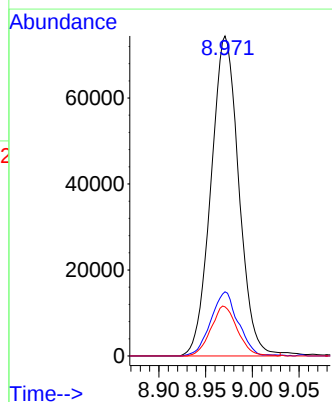
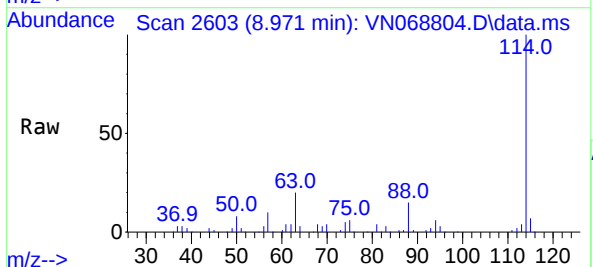
Instrument :
MSVOA_N
ClientSampleId :
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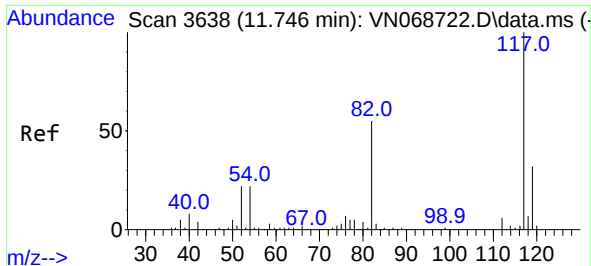
Tgt Ion: 65 Resp: 76421
Ion Ratio Lower Upper
65 100
67 51.3 40.2 60.2



#28
1,4-Difluorobenzene
Concen: 30.00 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.003 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

Tgt Ion: 114 Resp: 154007
Ion Ratio Lower Upper
114 100
63 19.6 15.8 23.6
88 14.8 11.6 17.4



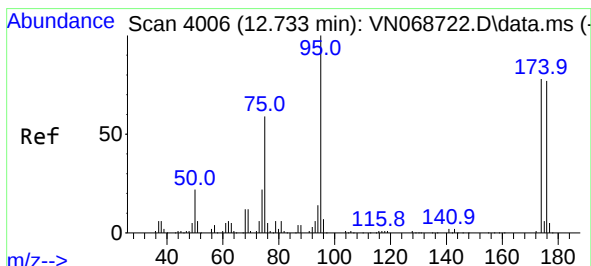
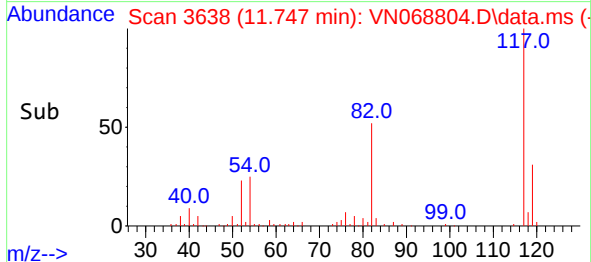
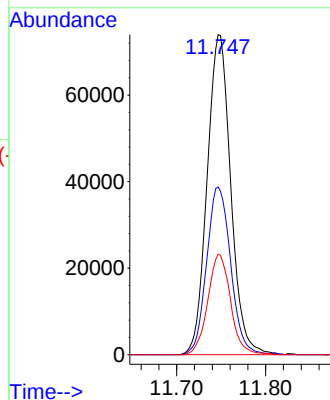
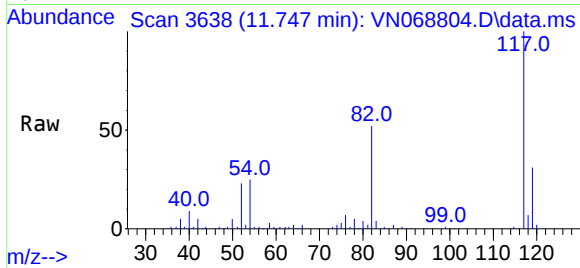


#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.001 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

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

Tgt Ion:117 Resp: 136454

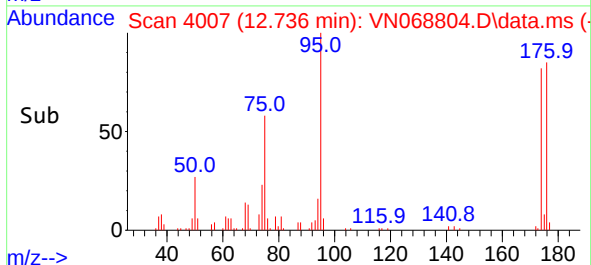
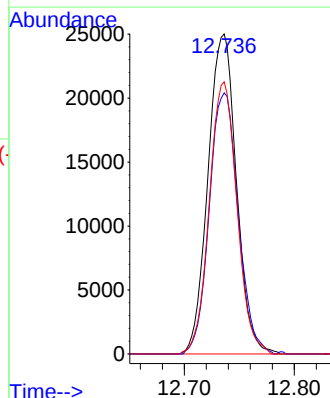
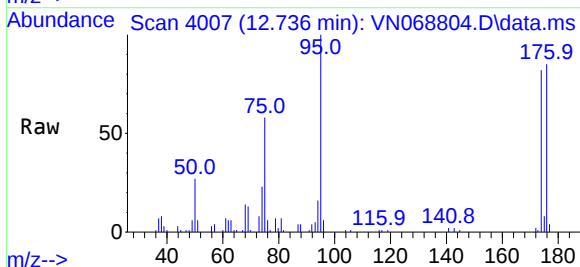
Ion	Ratio	Lower	Upper
117	100		
82	53.3	43.6	65.4
119	30.2	25.8	38.6

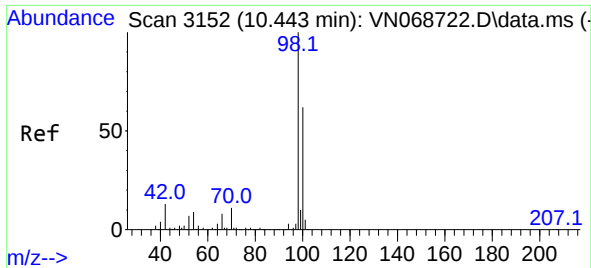


#60
4-Bromofluorobenzene
Concen: 21.09 ug/l
RT: 12.736 min Scan# 4007
Delta R.T. 0.003 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

Tgt Ion: 95 Resp: 44950

Ion	Ratio	Lower	Upper
95	100		
174	82.9	62.9	94.3
176	82.7	61.0	91.4





#63
Toluene-d8
Concen: 31.24 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068804.D
Acq: 5 Oct 2021 15:13

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

Tgt Ion: 98 Resp: 192675
Ion Ratio Lower Upper
98 100
100 61.8 50.6 76.0

