

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068410.D
 Acq On : 3 Sep 2021 16:23
 Operator : JC/MD
 Sample : M3644-04
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 191-0902-DUP

Quant Time: Sep 04 03:12:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

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

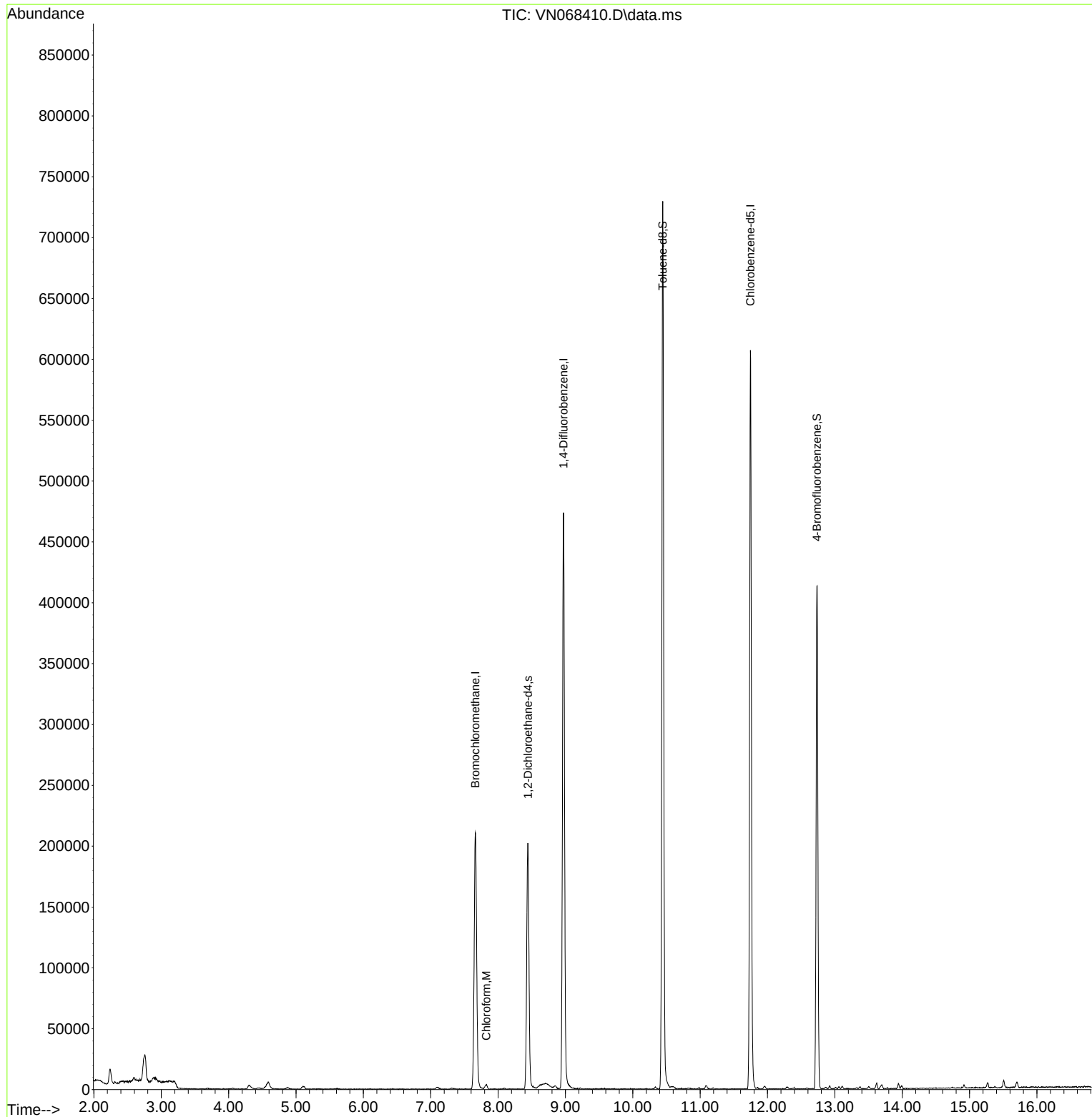
Internal Standards						
1) Bromochloromethane	7.662	128	86921	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	460161	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.746	117	392265	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	171576	33.295	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	111.000%#
60) 4-Bromofluorobenzene	12.733	95	145871	26.259	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.533%
63) Toluene-d8	10.443	98	541750	31.013	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.367%
Target Compounds						
25) Chloroform	7.825	83	3815	0.423	ug/l	Qvalue 95

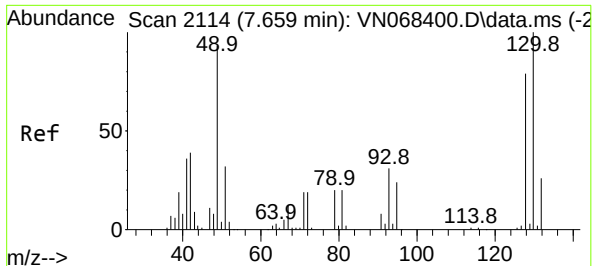
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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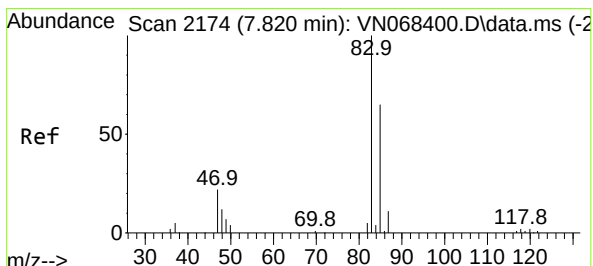
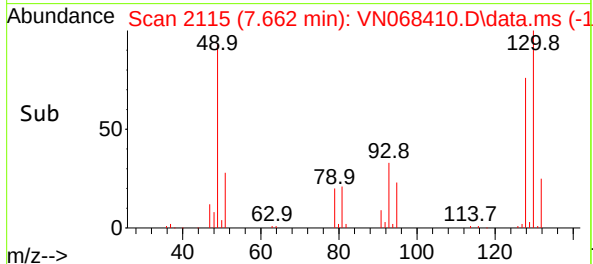
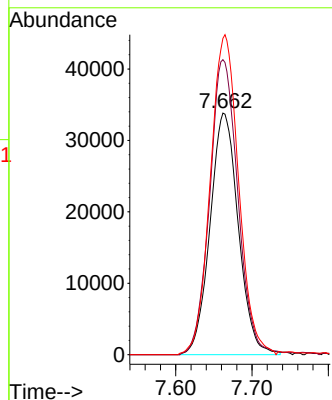
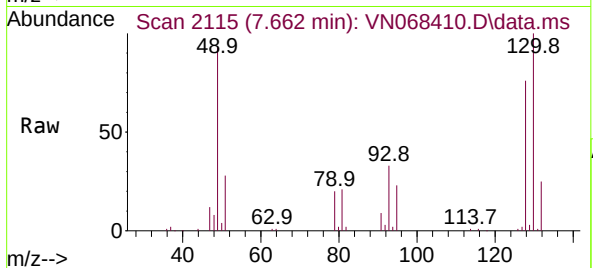




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.662 min Scan# 2115
Delta R.T. 0.003 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

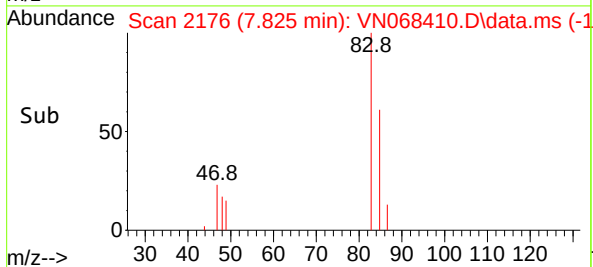
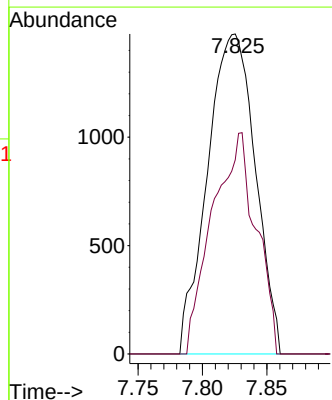
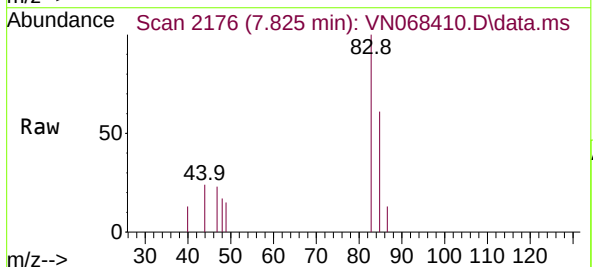
Instrument :
MSVOA_N
ClientSampleId :
191-0902-DUP

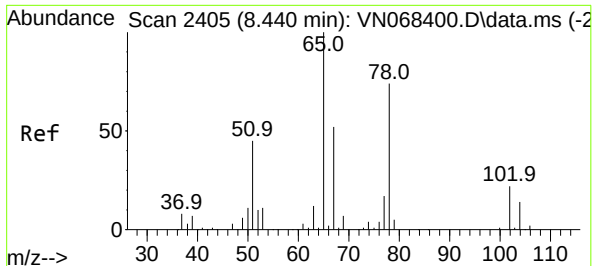
Tgt Ion:128 Resp: 86921
Ion Ratio Lower Upper
128 100
49 122.4 0.0 517.5
130 132.6 0.0 325.8



#25
Chloroform
Concen: 0.423 ug/l
RT: 7.825 min Scan# 2176
Delta R.T. 0.005 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

Tgt Ion: 83 Resp: 3815
Ion Ratio Lower Upper
83 100
85 60.6 51.5 77.3



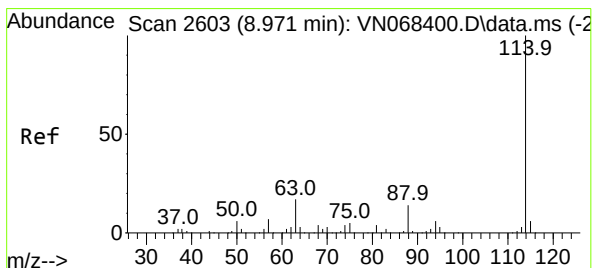
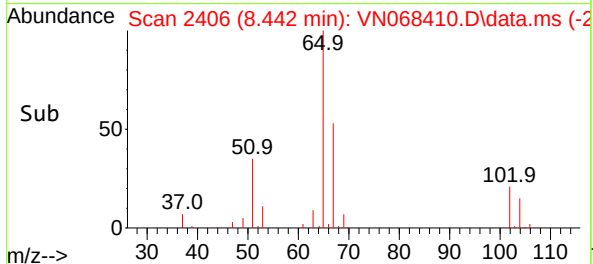
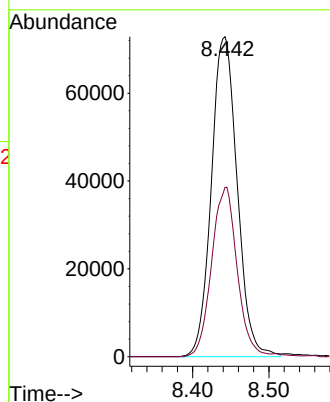
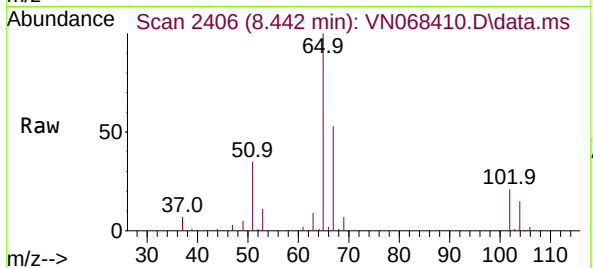


#27

1,2-Dichloroethane-d4
Concen: 33.295 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

Instrument :
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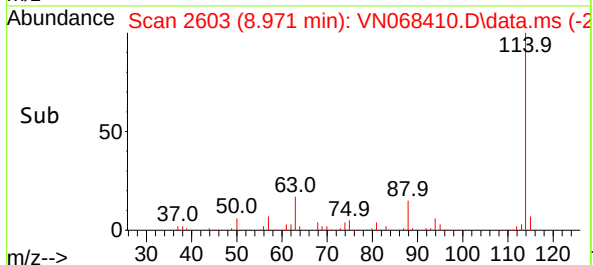
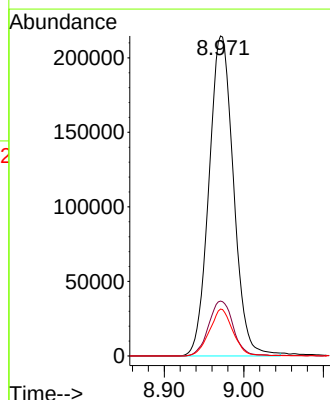
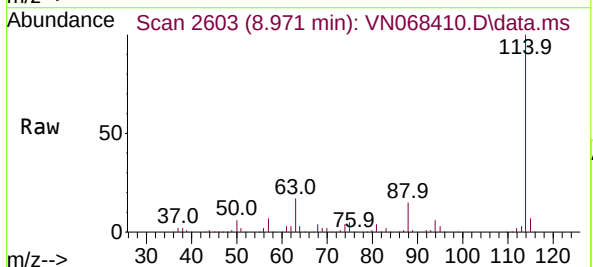
Tgt Ion: 65 Resp: 171576
Ion Ratio Lower Upper
65 100
67 52.0 39.8 59.8

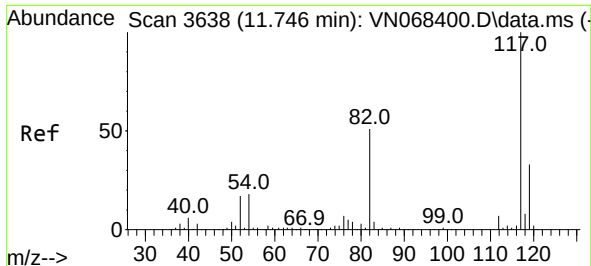


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

Tgt Ion: 114 Resp: 460161
Ion Ratio Lower Upper
114 100
63 17.2 20.3 30.5#
88 14.0 14.6 22.0#

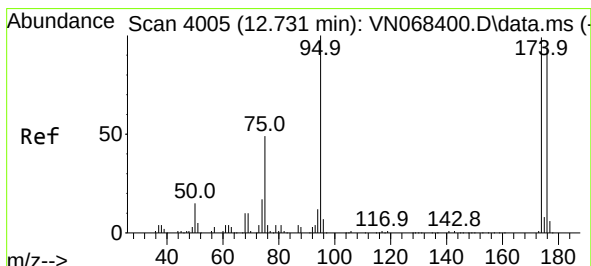
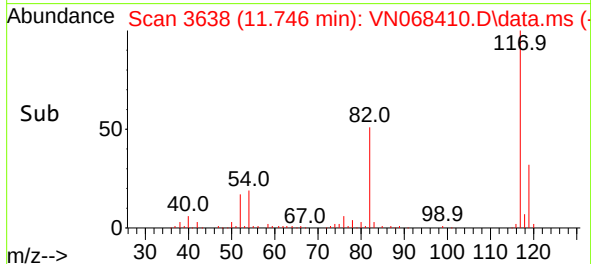
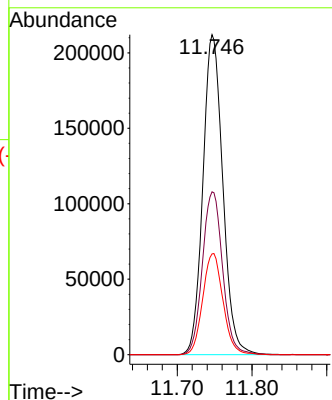
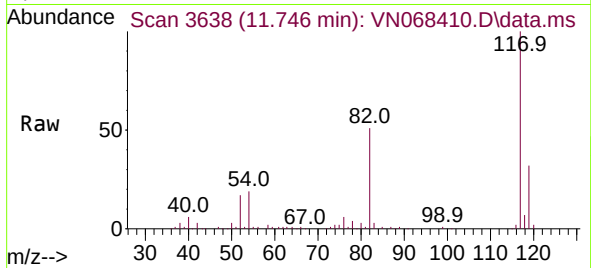




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

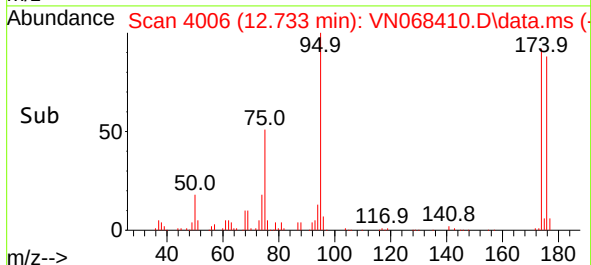
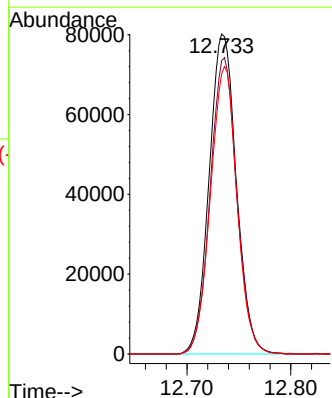
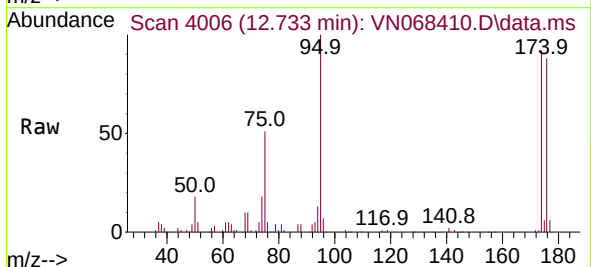
Instrument :
MSVOA_N
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191-0902-DUP

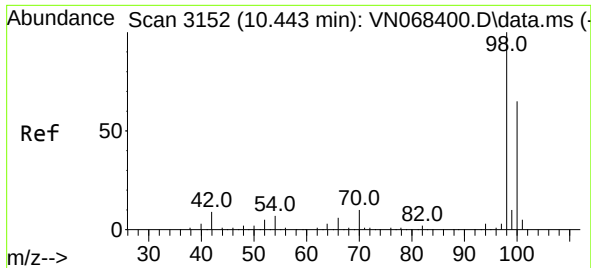
Tgt Ion:117 Resp: 392265
Ion Ratio Lower Upper
117 100
82 51.8 52.5 78.7#
119 32.3 25.8 38.8



#60
4-Bromofluorobenzene
Concen: 26.259 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

Tgt Ion: 95 Resp: 145871
Ion Ratio Lower Upper
95 100
174 90.9 47.7 71.5#
176 87.8 45.7 68.5#





#63
Toluene-d8
Concen: 31.013 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN068410.D
Acq: 3 Sep 2021 16:23

Instrument :
MSVOA_N
ClientSampleId :
191-0902-DUP

Tgt Ion: 98 Resp: 541750
Ion Ratio Lower Upper
98 100
100 64.2 51.2 76.8

