

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN080007.D
 Acq On : 08 Nov 2023 21:55
 Operator : JC\MD
 Sample : 05231-04 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Quant Time: Nov 09 04:30:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 Response via : Initial Calibration

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

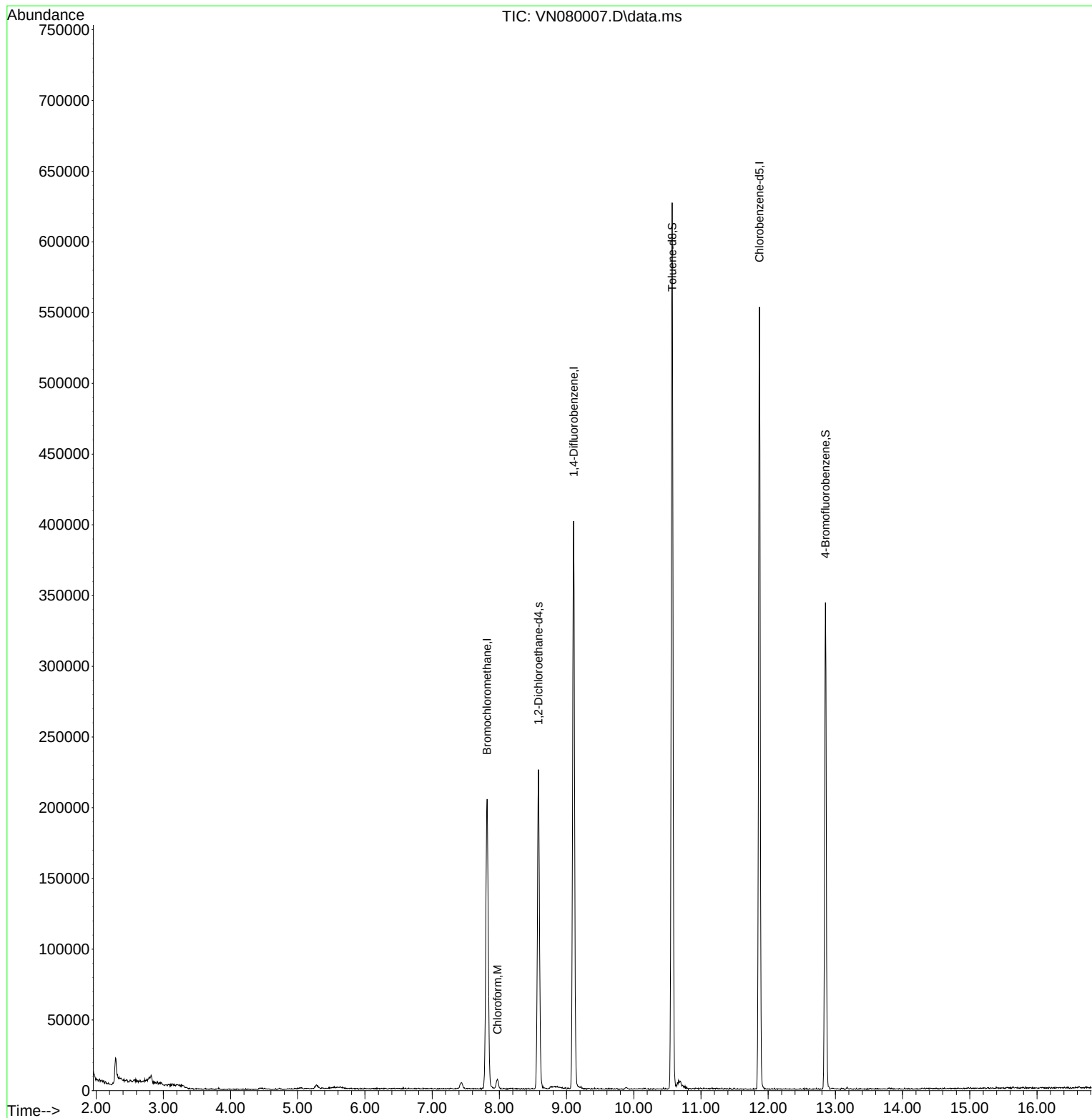
Internal Standards						
1) Bromochloromethane	7.818	128	70929	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	326968	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	307610	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	179640	30.171	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	100.567%
60) 4-Bromofluorobenzene	12.853	95	120012	24.397	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	81.333%
63) Toluene-d8	10.571	98	420637	28.860	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.200%
Target Compounds						
25) Chloroform	7.971	83	6745	0.734	ug/l	Qvalue 99

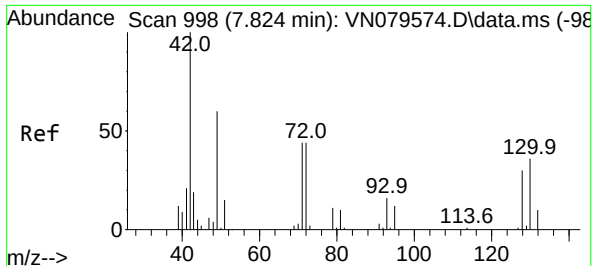
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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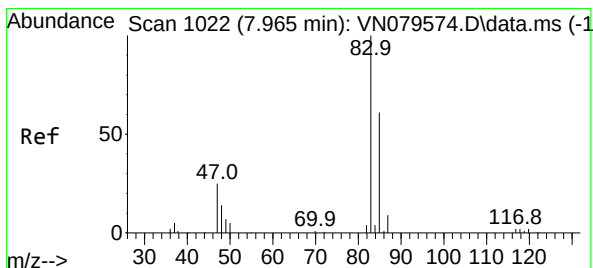
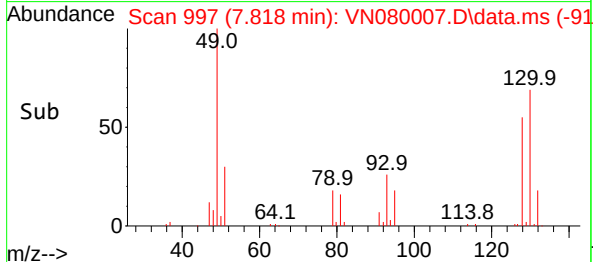
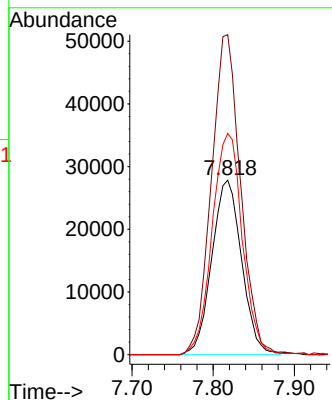
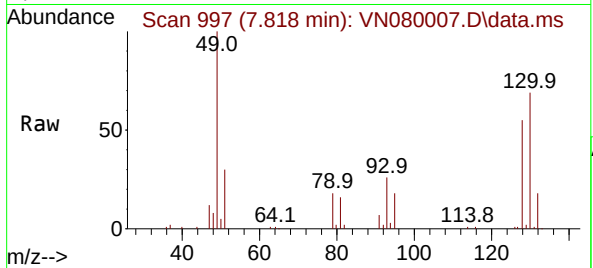




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN080007.D
Acq: 08 Nov 2023 21:55

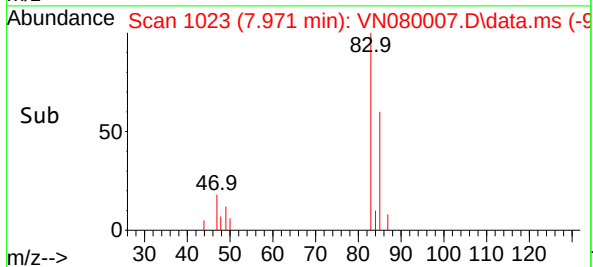
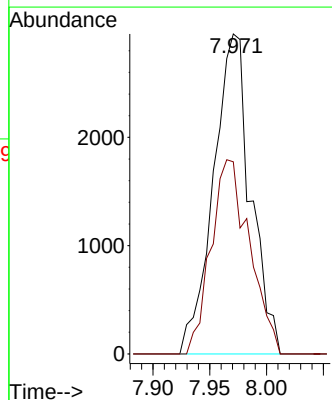
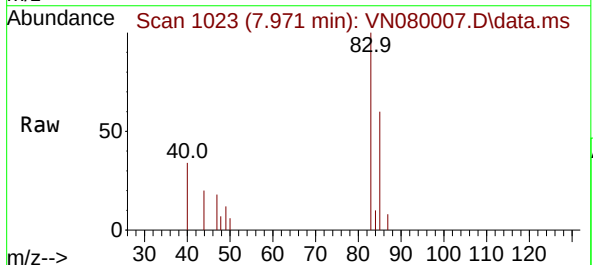
Instrument :
MSVOA_N
ClientSampleId :
14B-4

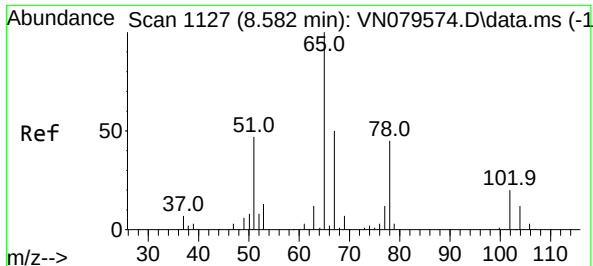
Tgt Ion:128 Resp: 70929
Ion Ratio Lower Upper
128 100
49 178.7 0.0 468.5
130 129.0 0.0 320.7



#25
Chloroform
Concen: 0.734 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN080007.D
Acq: 08 Nov 2023 21:55

Tgt Ion: 83 Resp: 6745
Ion Ratio Lower Upper
83 100
85 60.1 47.4 71.2

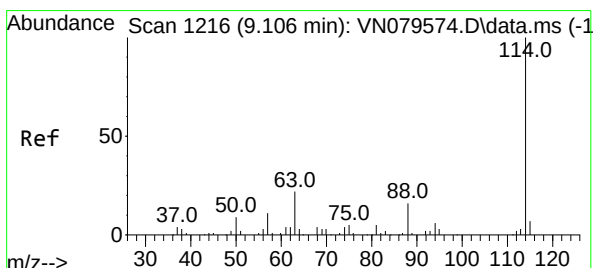
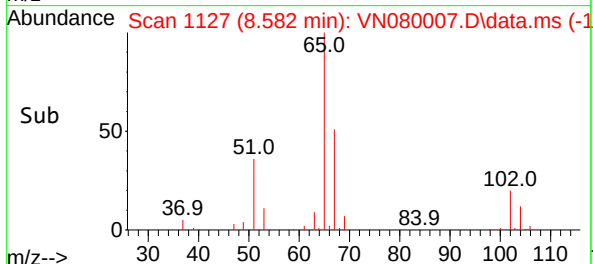
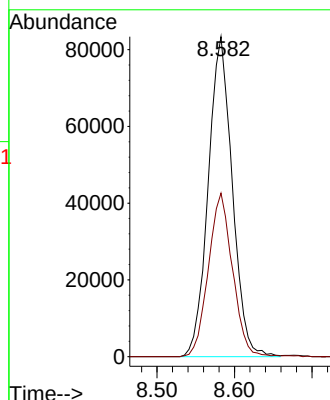
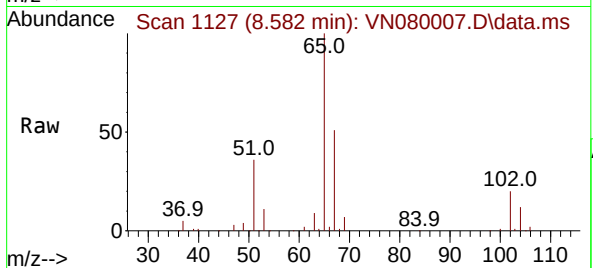




#27
 1,2-Dichloroethane-d4
 Concen: 30.171 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VN080007.D
 Acq: 08 Nov 2023 21:55

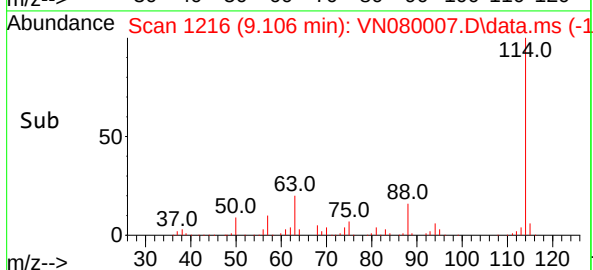
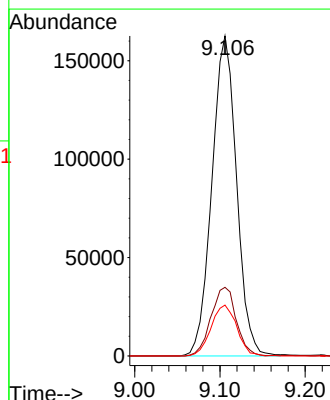
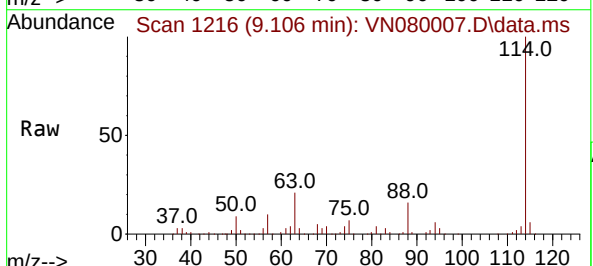
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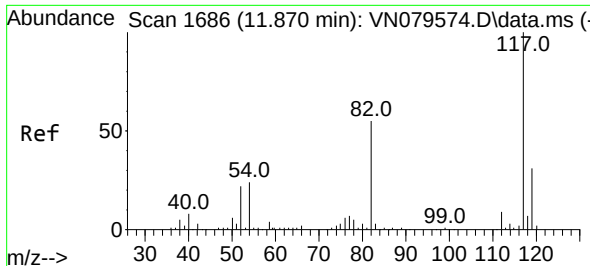
Tgt Ion: 65 Resp: 179640
 Ion Ratio Lower Upper
 65 100
 67 51.1 42.1 63.1



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. -0.000 min
 Lab File: VN080007.D
 Acq: 08 Nov 2023 21:55

Tgt Ion: 114 Resp: 326968
 Ion Ratio Lower Upper
 114 100
 63 22.0 18.1 27.1
 88 16.5 12.2 18.2

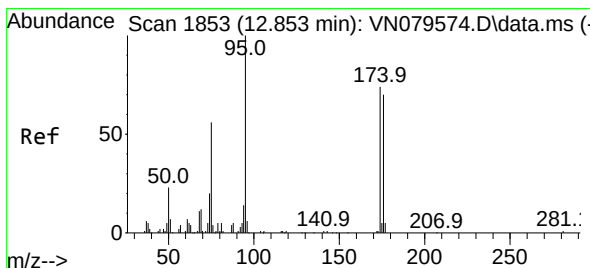
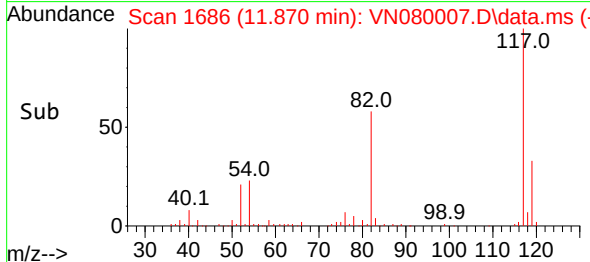
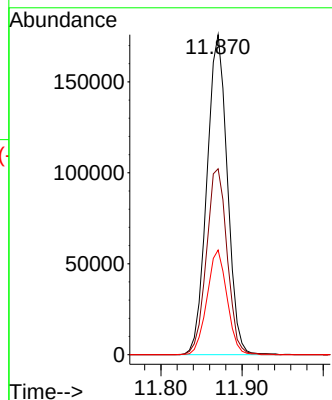
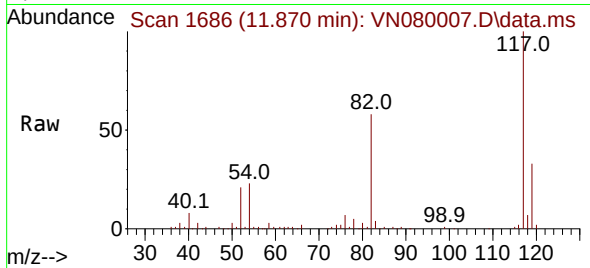




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN080007.D
Acq: 08 Nov 2023 21:55

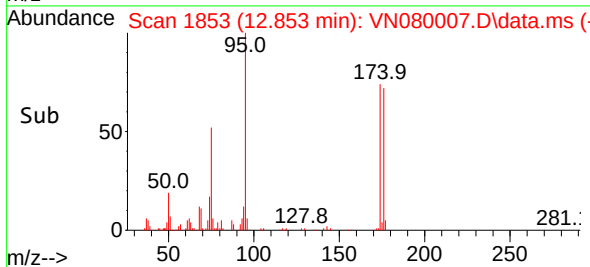
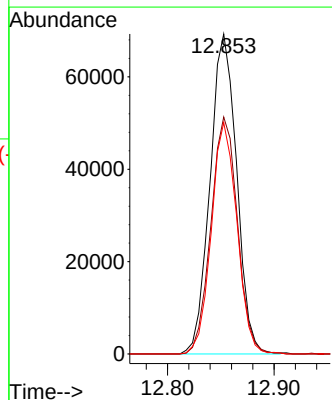
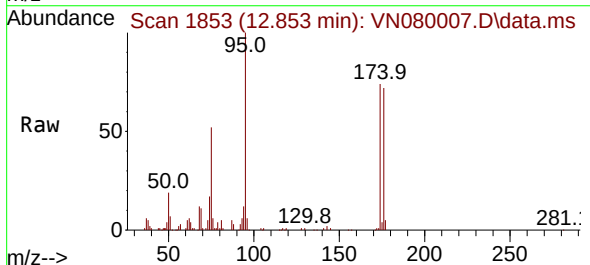
Instrument :
MSVOA_N
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14B-4

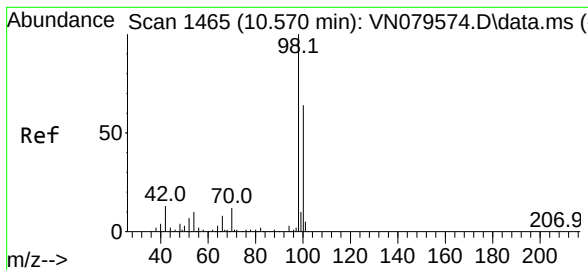
Tgt Ion:117 Resp: 307610
Ion Ratio Lower Upper
117 100
82 59.0 46.2 69.2
119 32.0 25.2 37.8



#60
4-Bromofluorobenzene
Concen: 24.397 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN080007.D
Acq: 08 Nov 2023 21:55

Tgt Ion: 95 Resp: 120012
Ion Ratio Lower Upper
95 100
174 73.9 60.5 90.7
176 69.4 57.2 85.8





#63
 Toluene-d8
 Concen: 28.860 ug/l
 RT: 10.571 min Scan# 1465
 Delta R.T. 0.001 min
 Lab File: VN080007.D
 Acq: 08 Nov 2023 21:55

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-4

Tgt Ion: 98 Resp: 420637
 Ion Ratio Lower Upper
 98 100
 100 64.3 51.6 77.4

