

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082109.D
 Acq On : 13 May 2024 20:20
 Operator : JC\MD
 Sample : P2460-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240501002-03-TRIP-BLANK

Quant Time: May 14 03:37:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 2024
 Response via : Initial Calibration

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

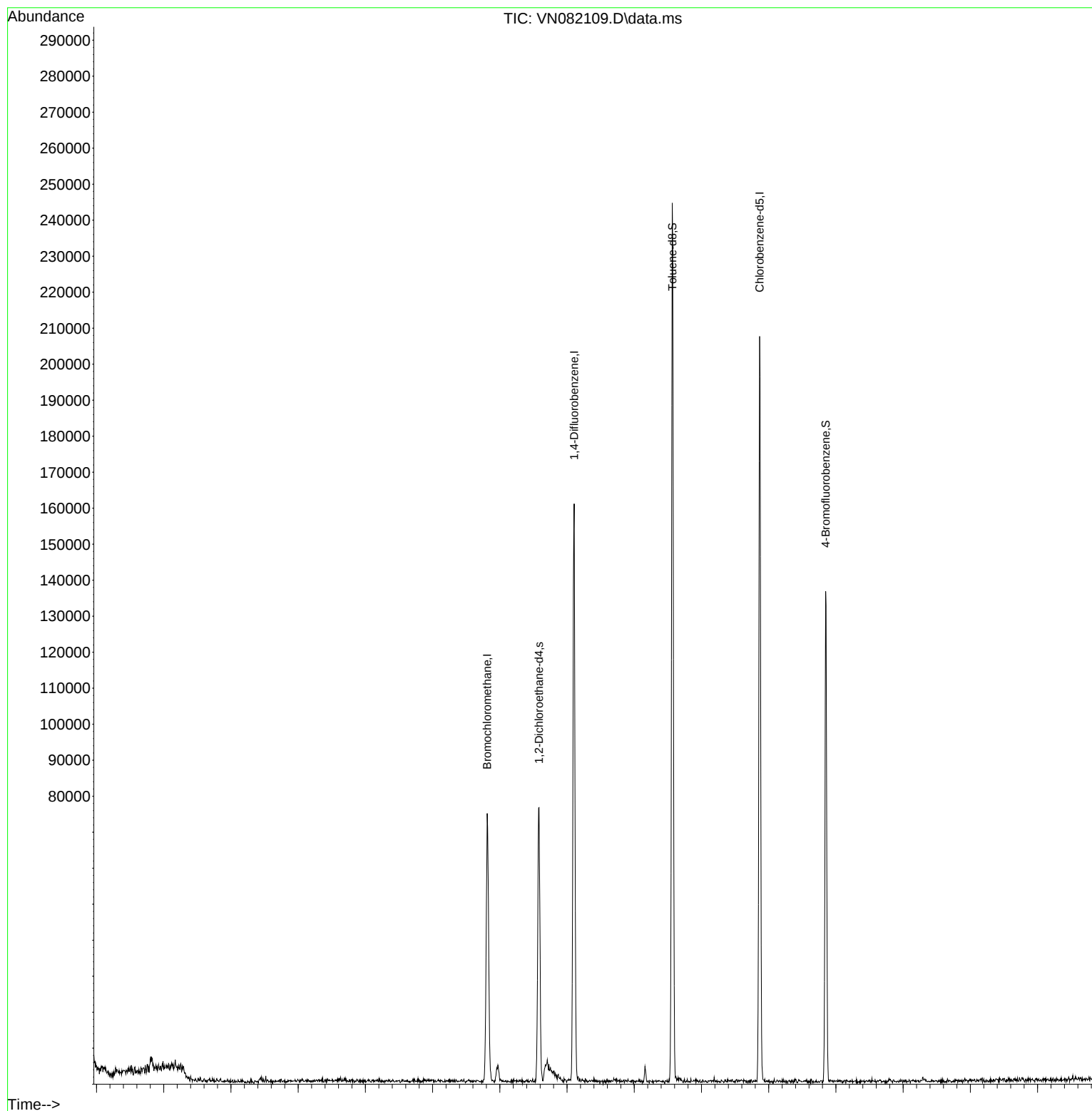
Internal Standards						
1) Bromochloromethane	7.812	128	22453	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	127906	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	107654	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	62300	33.141	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	110.467%#
60) 4-Bromofluorobenzene	12.847	95	48401	27.016	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	90.067%
63) Toluene-d8	10.565	98	160224	31.340	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.467%
Target Compounds						
25) Chloroform	7.971	83	4520	1.667	ug/l	Qvalue 98

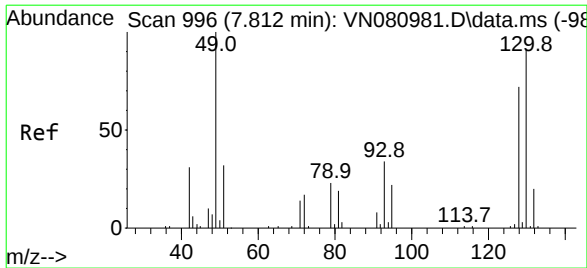
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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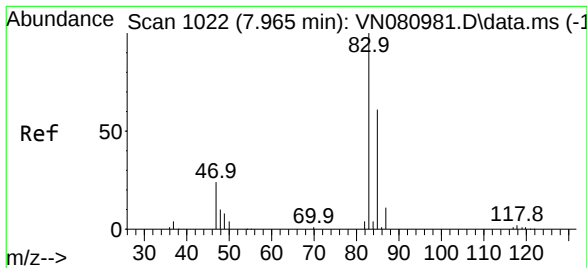
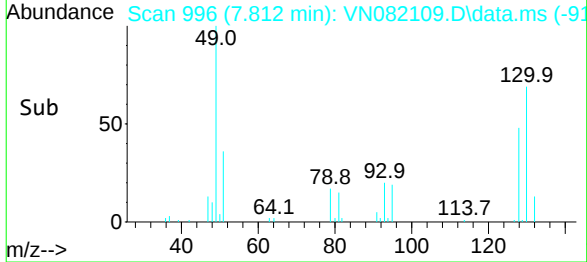
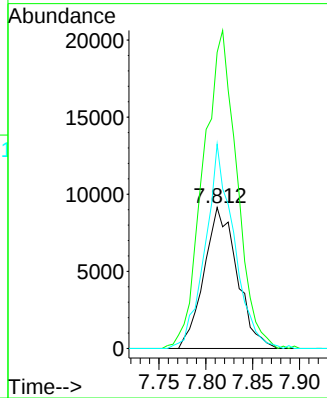
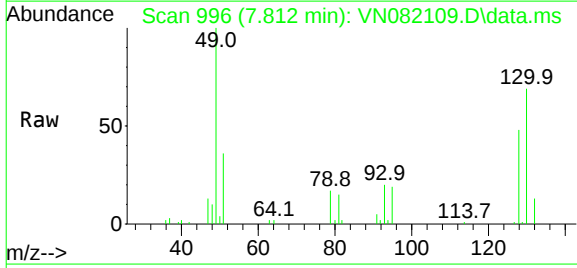




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082109.D
Acq: 13 May 2024 20:20

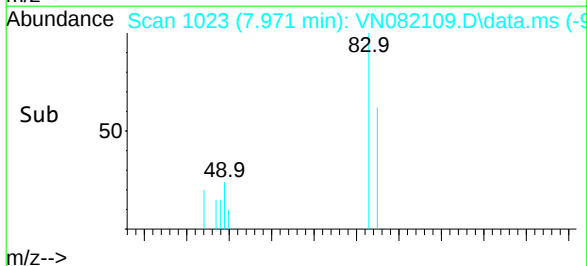
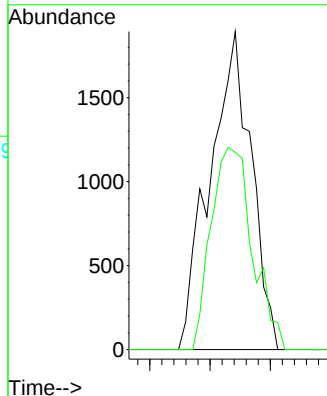
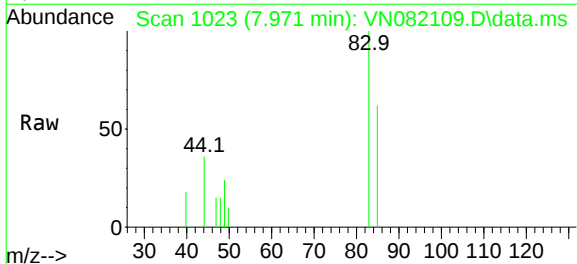
Instrument :
MSVOA_N
ClientSampleId :
240501002-03-TRIP-BLANK

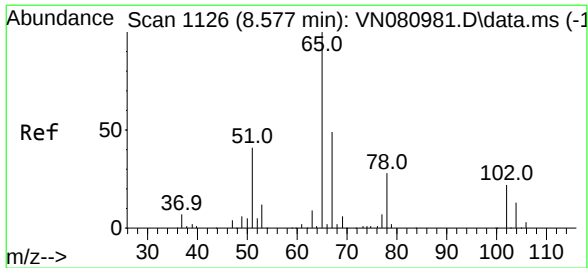
Tgt Ion:	128	Resp:	22453
Ion	Ratio	Lower	Upper
128	100		
49	228.8	0.0	403.7
130	125.7	0.0	323.3



#25
Chloroform
Concen: 1.667 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VN082109.D
Acq: 13 May 2024 20:20

Tgt Ion:	83	Resp:	4520
Ion	Ratio	Lower	Upper
83	100		
85	62.0	50.9	76.3

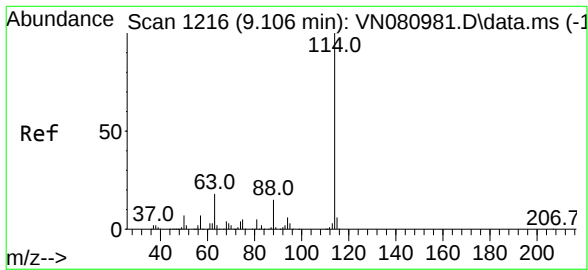
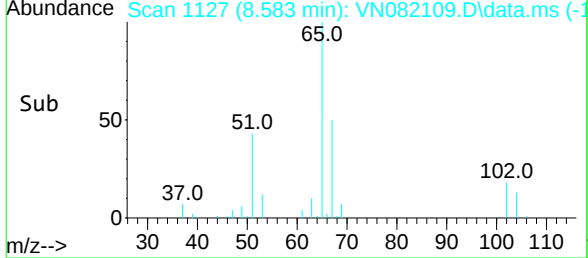
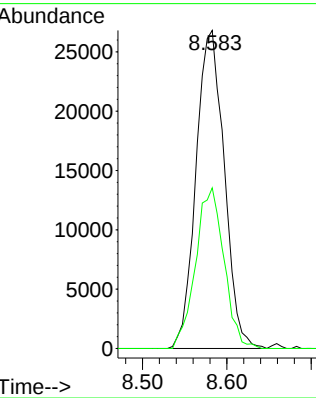
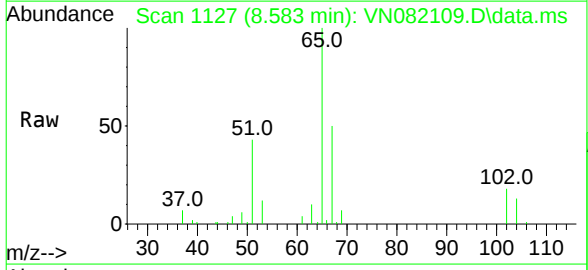




#27
 1,2-Dichloroethane-d4
 Concen: 33.141 ug/l
 RT: 8.583 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN082109.D
 Acq: 13 May 2024 20:20

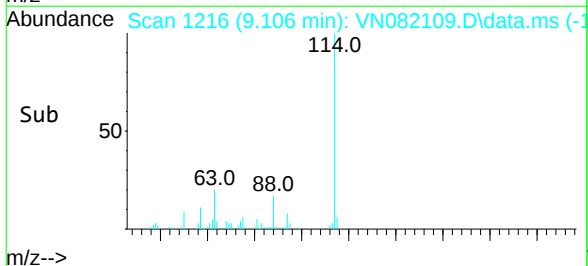
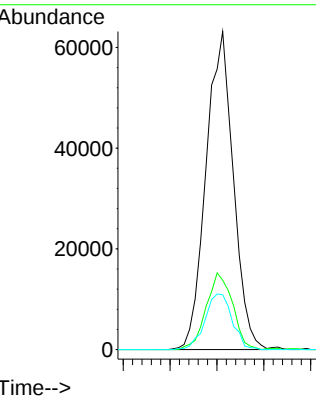
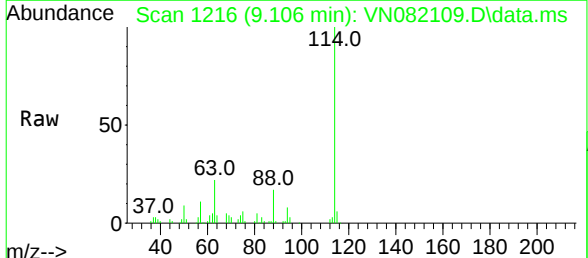
Instrument :
 MSVOA_N
 ClientSampleId :
 240501002-03-TRIP-BLANK

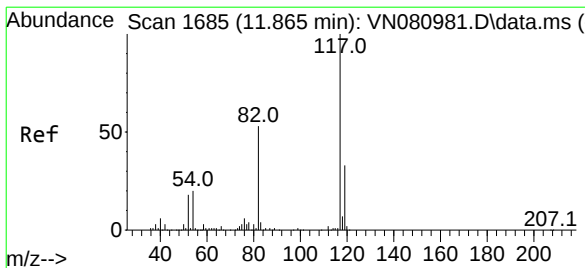
Tgt Ion:	65	Resp:	62300
Ion	Ratio	Lower	Upper
65	100		
67	50.4	43.2	64.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.006 min
 Lab File: VN082109.D
 Acq: 13 May 2024 20:20

Tgt Ion:	114	Resp:	127906
Ion	Ratio	Lower	Upper
114	100		
63	23.2	15.9	23.9
88	17.3	12.7	19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.000 min

Lab File: VN082109.D

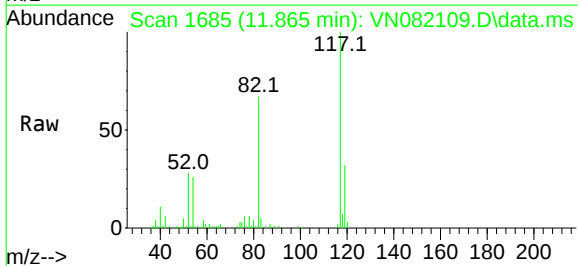
Acq: 13 May 2024 20:20

Instrument :

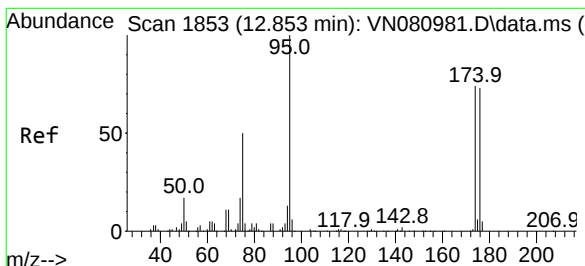
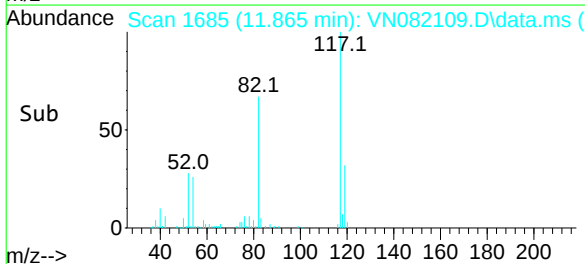
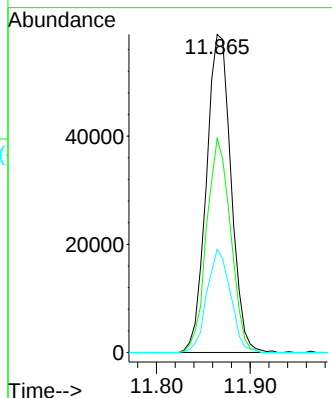
MSVOA_N

ClientSampleId :

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Tgt Ion:	117	Resp:	107654
Ion	Ratio	Lower	Upper
117	100		
82	65.6	46.6	69.8
119	31.1	25.4	38.2



#60

4-Bromofluorobenzene

Concen: 27.016 ug/l

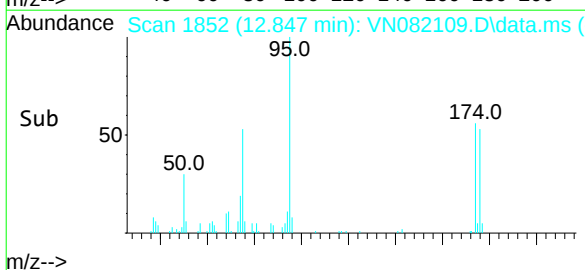
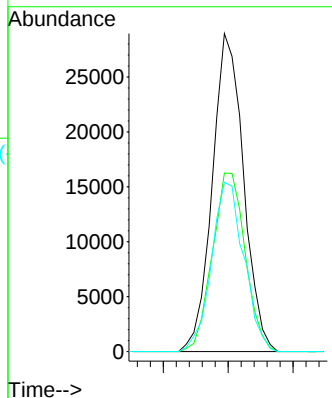
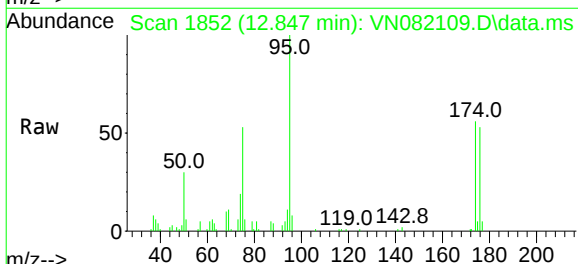
RT: 12.847 min Scan# 1852

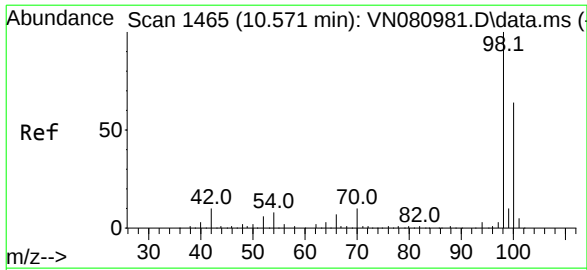
Delta R.T. 0.000 min

Lab File: VN082109.D

Acq: 13 May 2024 20:20

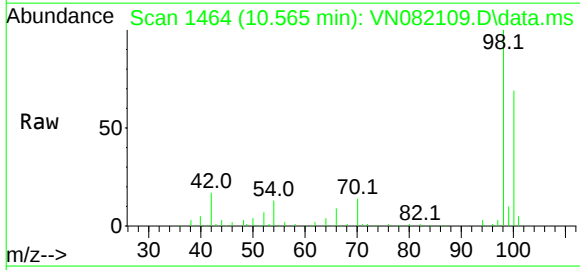
Tgt Ion:	95	Resp:	48401
Ion	Ratio	Lower	Upper
95	100		
174	59.1	60.5	90.7#
176	55.4	57.8	86.6#





#63
Toluene-d8
Concen: 31.340 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN082109.D
Acq: 13 May 2024 20:20

Instrument :
MSVOA_N
ClientSampleId :
240501002-03-TRIP-BLANK



Tgt Ion: 98 Resp: 160224
Ion Ratio Lower Upper
98 100
100 64.8 52.7 79.1

