

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051324\
 Data File : VN082098.D
 Acq On : 13 May 2024 15:58
 Operator : JC\MD
 Sample : P2459-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430037-01-TRIP-BLANK

Quant Time: May 14 03:33:44 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)

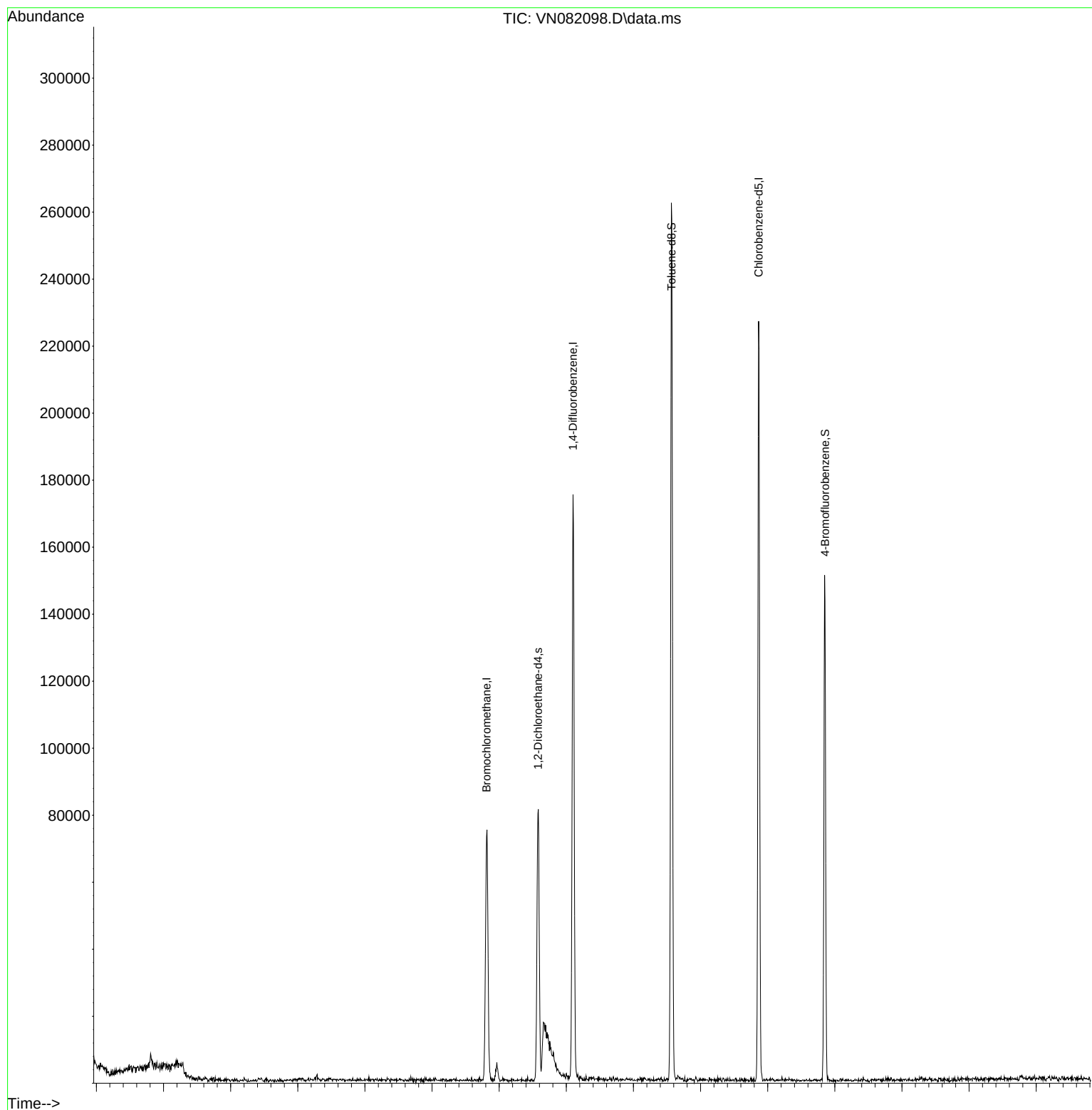
Internal Standards						
1) Bromochloromethane	7.812	128	22889	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	143189	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	116790	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	65362	34.107	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	113.700%#
60) 4-Bromofluorobenzene	12.853	95	51082	26.282	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.600%
63) Toluene-d8	10.565	98	174490	31.460	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	104.867%
Target Compounds						
25) Chloroform	7.965	83	4458	1.613	ug/l	Qvalue 85

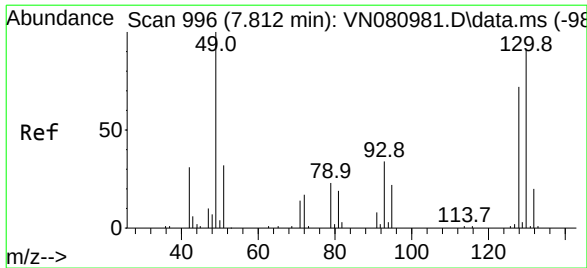
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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Quant Time: May 14 03:33:44 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
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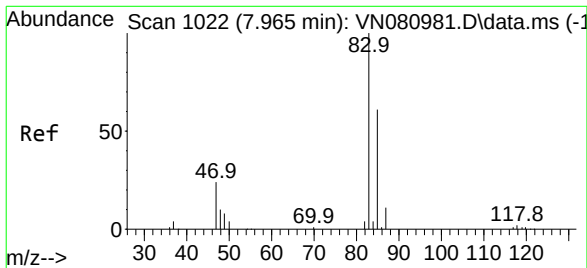
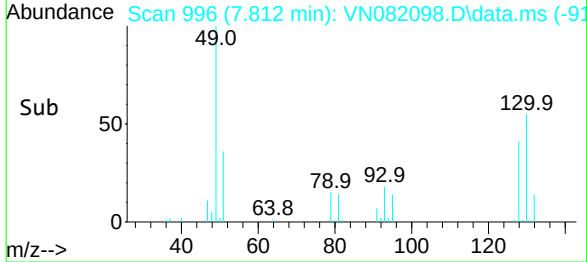
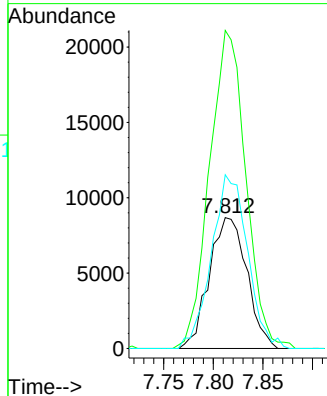
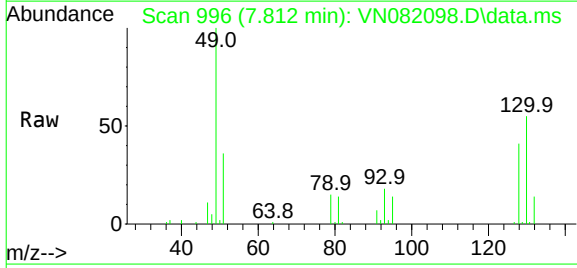




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN082098.D
Acq: 13 May 2024 15:58

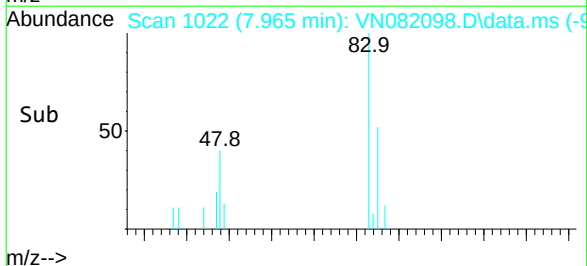
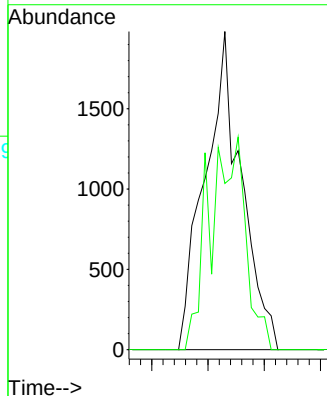
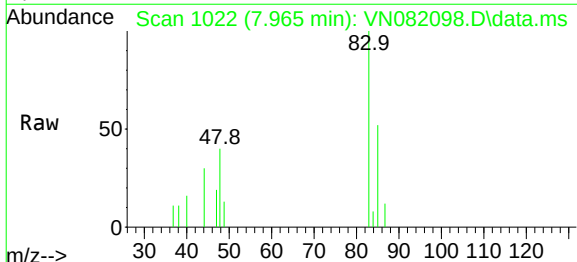
Instrument :
MSVOA_N
ClientSampleId :
240430037-01-TRIP-BLANK

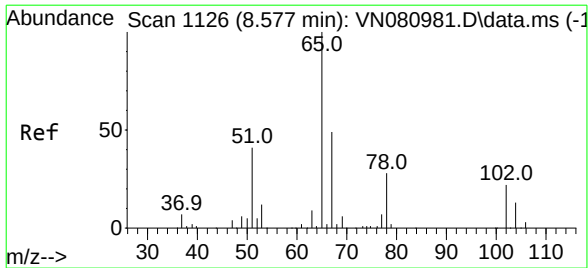
Tgt Ion:	128	Resp:	22889
Ion	Ratio	Lower	Upper
128	100		
49	233.7	0.0	403.7
130	127.6	0.0	323.3



#25
Chloroform
Concen: 1.613 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082098.D
Acq: 13 May 2024 15:58

Tgt Ion:	83	Resp:	4458
Ion	Ratio	Lower	Upper
83	100		
85	52.2	50.9	76.3

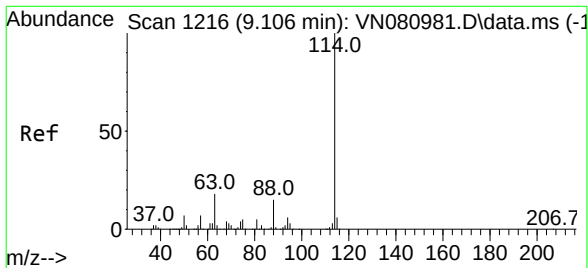
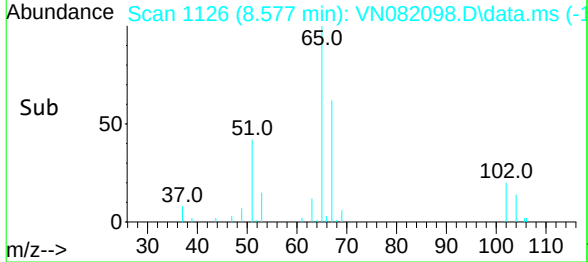
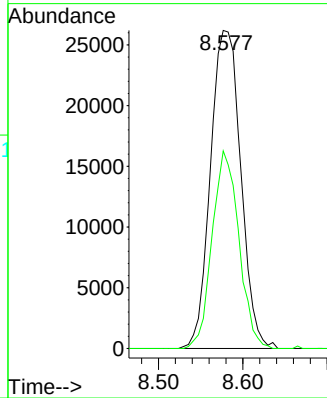
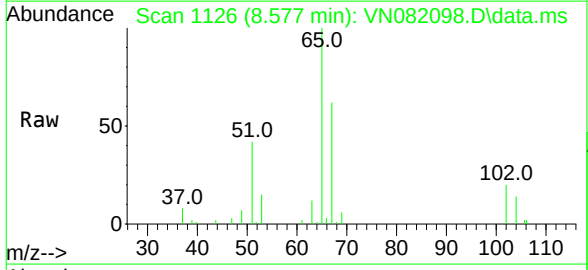




#27
1,2-Dichloroethane-d4
Concen: 34.107 ug/l
RT: 8.577 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN082098.D
Acq: 13 May 2024 15:58

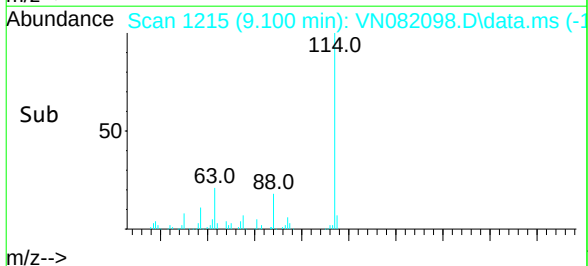
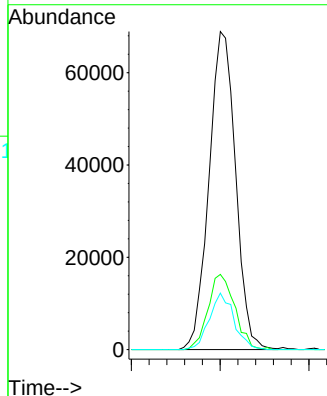
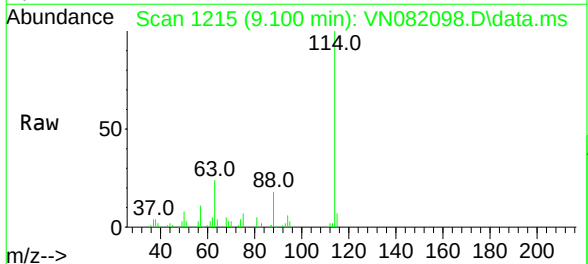
Instrument :
MSVOA_N
ClientSampleId :
240430037-01-TRIP-BLANK

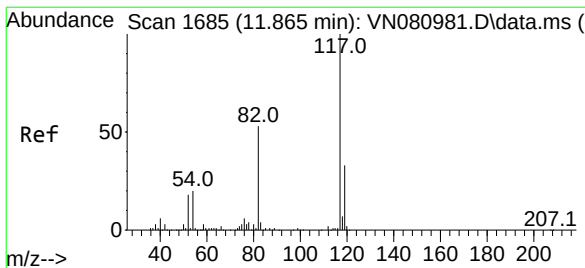
Tgt Ion: 65 Resp: 65362
Ion Ratio Lower Upper
65 100
67 54.8 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN082098.D
Acq: 13 May 2024 15:58

Tgt Ion: 114 Resp: 143189
Ion Ratio Lower Upper
114 100
63 23.8 15.9 23.9
88 16.5 12.7 19.1





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN082098.D

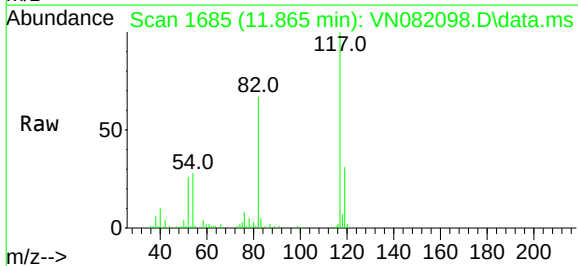
Acq: 13 May 2024 15:58

Instrument :

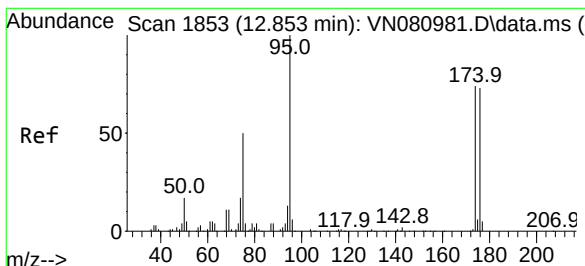
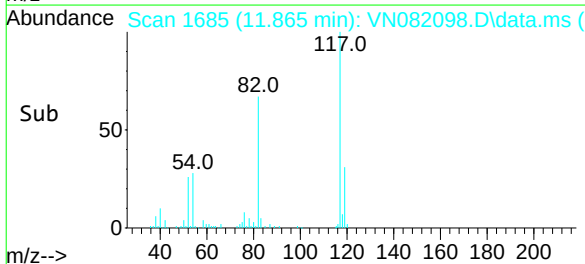
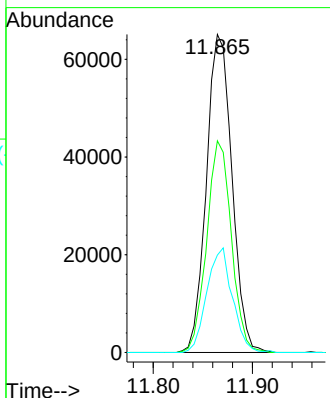
MSVOA_N

ClientSampleId :

240430037-01-TRIP-BLANK



Tgt Ion	117	Resp	116790
Ion	Ratio	Lower	Upper
117	100		
82	64.2	46.6	69.8
119	32.8	25.4	38.2



#60

4-Bromofluorobenzene

Concen: 26.282 ug/l

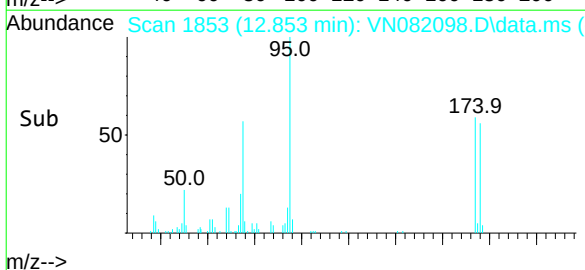
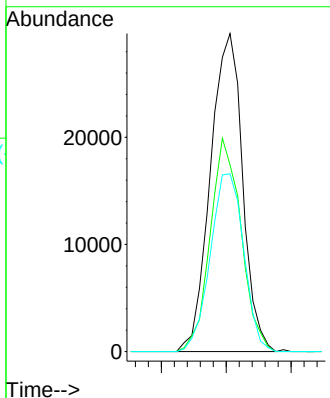
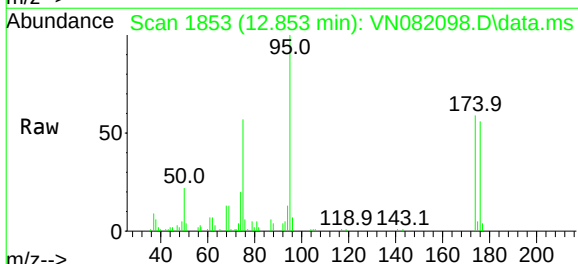
RT: 12.853 min Scan# 1853

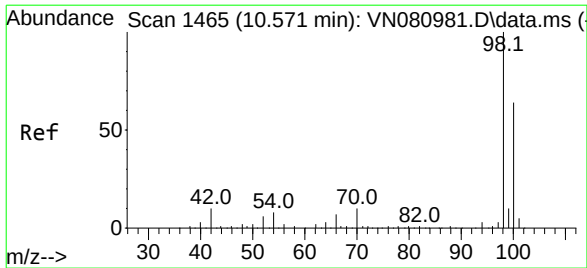
Delta R.T. 0.006 min

Lab File: VN082098.D

Acq: 13 May 2024 15:58

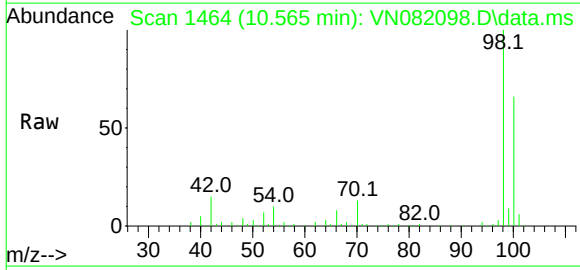
Tgt Ion	95	Resp	51082
Ion	Ratio	Lower	Upper
95	100		
174	64.5	60.5	90.7
176	58.1	57.8	86.6





#63
Toluene-d8
Concen: 31.460 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN082098.D
Acq: 13 May 2024 15:58

Instrument :
MSVOA_N
ClientSampleId :
240430037-01-TRIP-BLANK



Tgt Ion: 98 Resp: 174490
Ion Ratio Lower Upper
98 100
100 64.7 52.7 79.1

