

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121221\
 Data File : VW021350.D
 Acq On : 12 Dec 2021 04:46
 Operator : SY/VA
 Sample : VIBLK
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 13 03:23:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

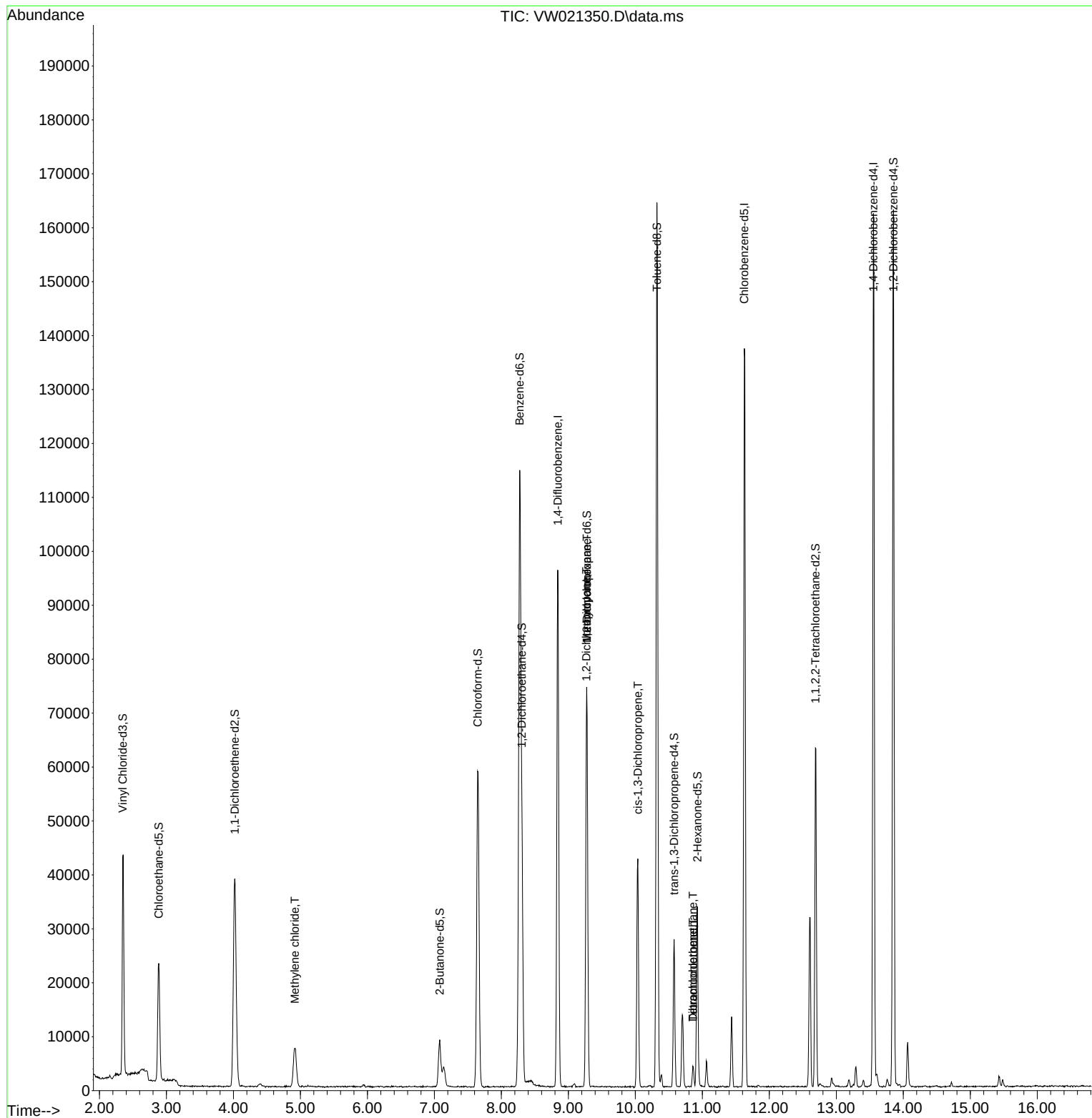
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	82972	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.627	117	80081	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	43535	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	39229	25.960	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 103.840%	
7) Chloroethane-d5	2.885	69	26441	26.468	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 105.880%	
11) 1,1-Dichloroethene-d2	4.019	63	36060	17.899	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 71.600%	
21) 2-Butanone-d5	7.080	46	14407	67.635	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 135.280%#	
24) Chloroform-d	7.646	84	59871	25.893	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.560%	
26) 1,2-Dichloroethane-d4	8.305	65	32518	26.438	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.760%	
32) Benzene-d6	8.274	84	113673	25.896	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 103.600%	
36) 1,2-Dichloropropane-d6	9.274	67	31999	27.182	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 108.720%	
41) Toluene-d8	10.323	98	108126	24.109	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 96.440%	
43) trans-1,3-Dichloroprop...	10.579	79	14322	26.422	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 105.680%	
47) 2-Hexanone-d5	10.926	63	11362	65.269	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 130.540%	
56) 1,1,2,2-Tetrachloroeth...	12.688	84	29580	29.230	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 116.920%	
66) 1,2-Dichlorobenzene-d4	13.853	152	41619	24.667	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 98.680%	
Target Compounds						Qvalue
16) Methylene chloride	4.915	84	6080	4.435	ug/L	80
35) Methylcyclohexane	9.274	83	8314	4.116	ug/L	# 14
37) 1,2-Dichloropropane	9.268	63	3981	4.091	ug/L	# 88
39) cis-1,3-Dichloropropene	10.036	75	1296	0.845	ug/L	# 67
46) Tetrachloroethene	10.859	164	1029	0.885	ug/L	81
49) Dibromochloromethane	10.859	129	866	0.882	ug/L	# 10

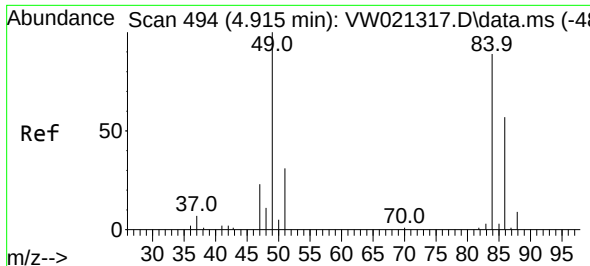
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10.0mL/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

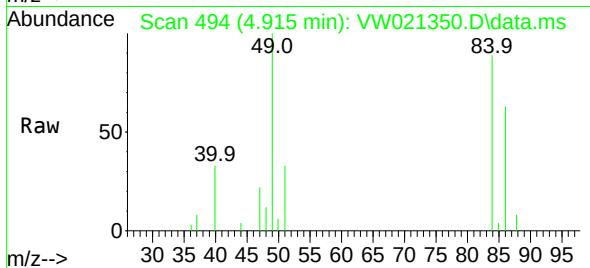
Quant Time: Dec 13 03:23:46 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Dec 10 23:12:45 2021
Response via : Initial Calibration



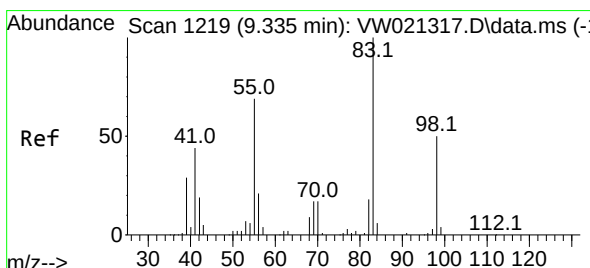
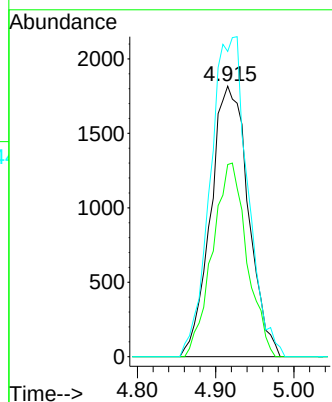
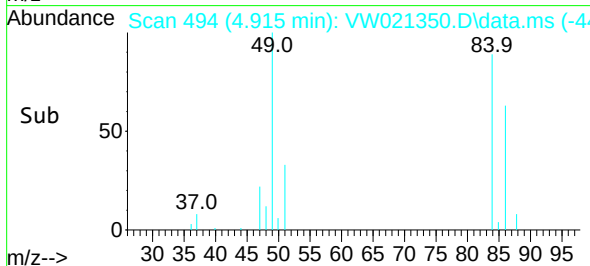


#16
Methylene chloride
Concen: 4.435 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021350.D
Acq: 12 Dec 2021 04:46

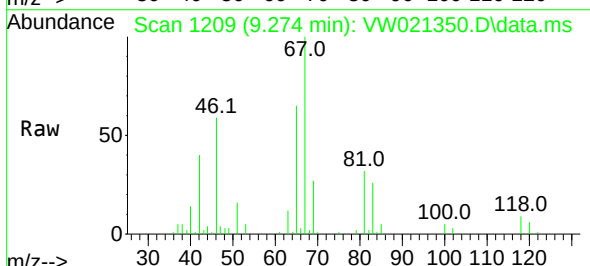
Instrument :
MSVOA_W
ClientSampleId :



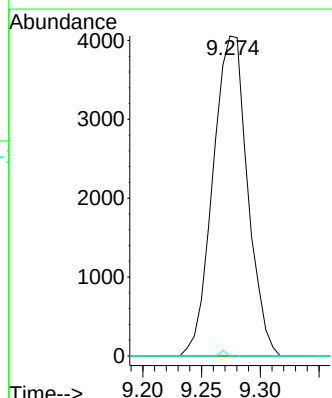
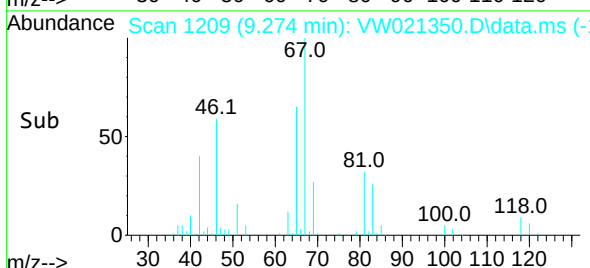
Tgt Ion: 84 Resp: 6080
Ion Ratio Lower Upper
84 100
86 71.1 45.5 84.5
49 112.8 100.5 186.7

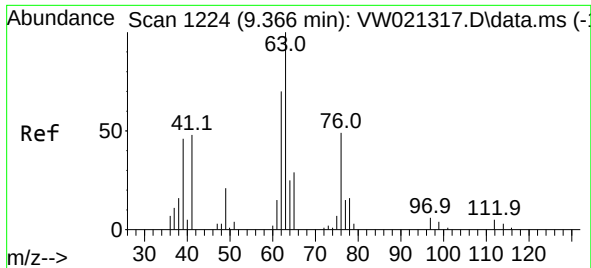


#35
Methylcyclohexane
Concen: 4.116 ug/L
RT: 9.274 min Scan# 1209
Delta R.T. -0.061 min
Lab File: VW021350.D
Acq: 12 Dec 2021 04:46



Tgt Ion: 83 Resp: 8314
Ion Ratio Lower Upper
83 100
55 0.0 70.8 106.2#
98 0.0 37.7 56.5#





#37

1,2-Dichloropropane

Concen: 4.091 ug/L

RT: 9.268 min Scan# 11

Delta R.T. -0.098 min

Lab File: VW021350.D

Acq: 12 Dec 2021 04:46

Instrument :

MSVOA_W

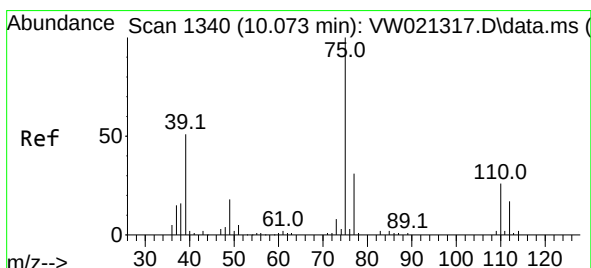
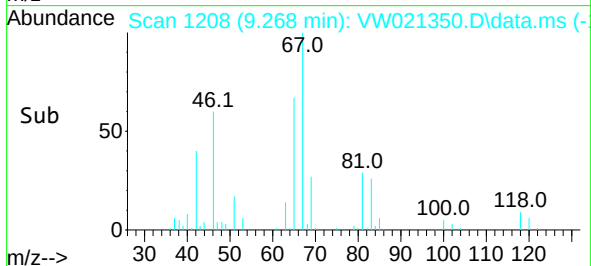
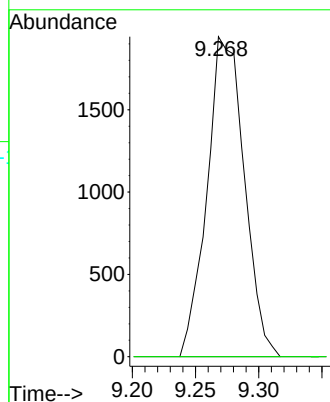
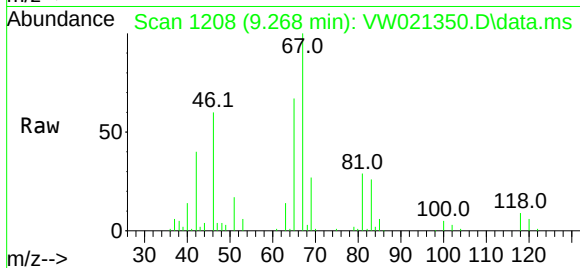
ClientSampleId :

Tgt Ion: 63 Resp: 3981

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#39

cis-1,3-Dichloropropene

Concen: 0.845 ug/L

RT: 10.036 min Scan# 1334

Delta R.T. -0.037 min

Lab File: VW021350.D

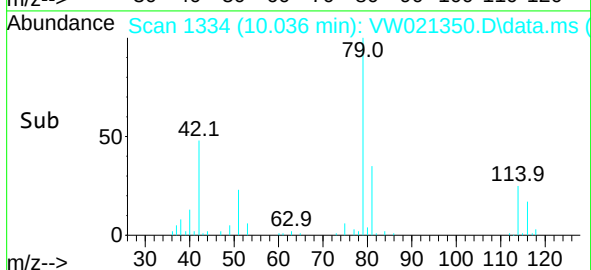
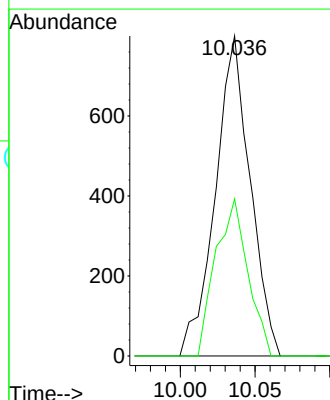
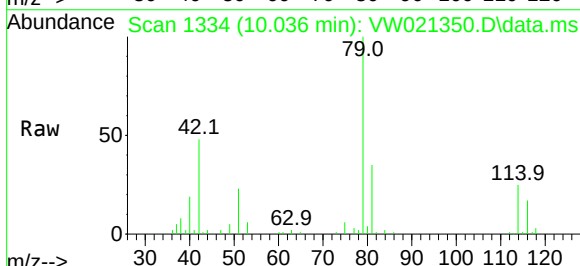
Acq: 12 Dec 2021 04:46

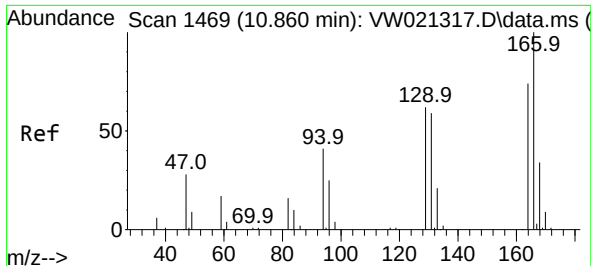
Tgt Ion: 75 Resp: 1296

Ion Ratio Lower Upper

75 100

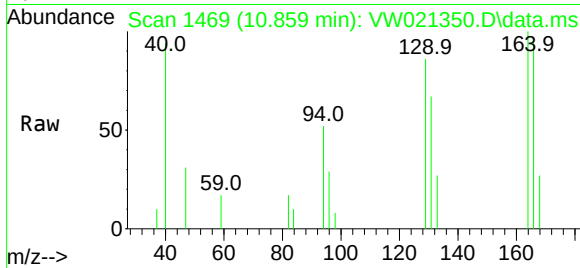
77 49.1 21.8 40.6#



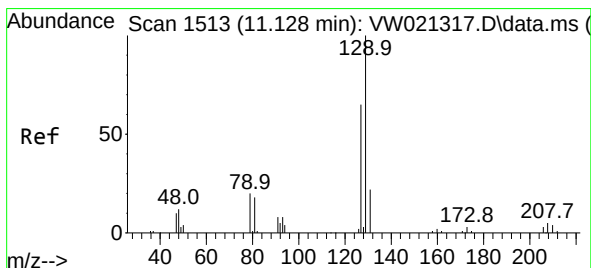
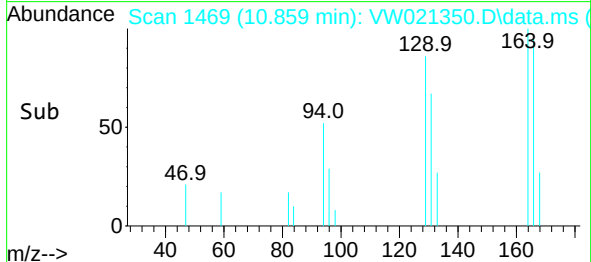
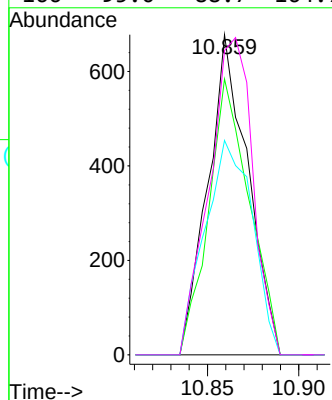


#46
Tetrachloroethene
Concen: 0.885 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW021350.D
Acq: 12 Dec 2021 04:46

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:164	Resp:	1029
Ion	Ratio	Lower Upper
164	100	
129	86.1	65.5 121.7
131	67.0	59.7 110.9
166	95.0	88.7 164.7



#49
Dibromochloromethane
Concen: 0.882 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.269 min
Lab File: VW021350.D
Acq: 12 Dec 2021 04:46

Tgt Ion:129	Resp:	866
Ion	Ratio	Lower Upper
129	100	
127	0.0	55.7 103.5#

