

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080521\
 Data File : VW019684.D
 Acq On : 05 Aug 2021 15:38
 Operator : SY/VA
 Sample : M3264-05
 Misc : 6.55g/10mL/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 06 01:39:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Aug 06 01:35:48 2021
 Response via : Initial Calibration

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

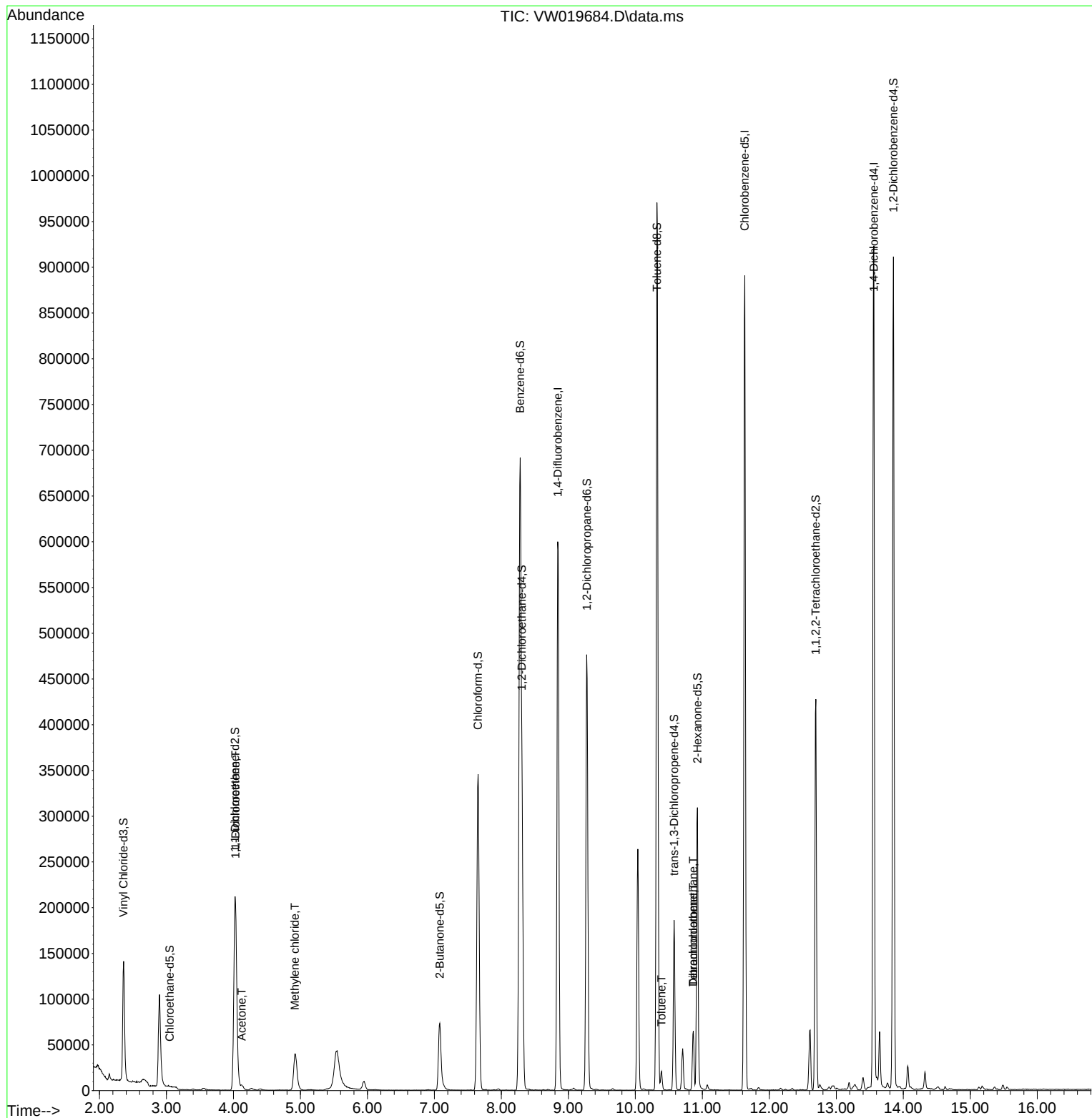
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	493023	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	482045	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	233703	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	150706	21.574	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.280%
7) Chloroethane-d5	3.050	69	234	0.047	ug/L	0.15
Spiked Amount	25.000	Range	30 - 150	Recovery	=	0.200%#
11) 1,1-Dichloroethene-d2	4.025	63	238430	17.690	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.760%
21) 2-Butanone-d5	7.080	46	122387	60.364	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.720%
24) Chloroform-d	7.653	84	353740	25.967	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.880%
26) 1,2-Dichloroethane-d4	8.305	65	224843	30.076	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	120.320%
32) Benzene-d6	8.281	84	700533	24.414	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.640%
36) 1,2-Dichloropropane-d6	9.274	67	219013	24.489	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.960%
41) Toluene-d8	10.323	98	636003	24.584	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.320%
43) trans-1,3-Dichloroprop...	10.579	79	99966	26.100	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.400%
47) 2-Hexanone-d5	10.926	63	103857	62.593	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.180%
56) 1,1,2,2-Tetrachloroeth...	12.694	84	210644	29.148	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	13.853	152	233984	28.377	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	113.520%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.031	96	1815	0.282	ug/L #	1
13) Acetone	4.123	43	7675	5.137	ug/L	83
16) Methylene chloride	4.915	84	16703	1.699	ug/L	96
42) Toluene	10.390	91	13488	0.429	ug/L	100
46) Tetrachloroethene	10.865	164	14001	2.386	ug/L	96
49) Dibromochloromethane	10.865	129	13262	2.168	ug/L #	13

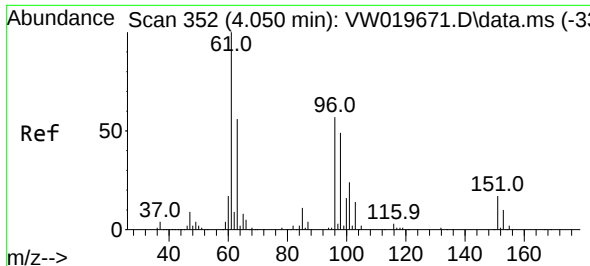
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Aug 06 01:35:48 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.282 ug/L

RT: 4.031 min Scan# 349

Delta R.T. -0.018 min

Lab File: VW019684.D

Acq: 05 Aug 2021 15:38

Tgt Ion: 96 Resp: 1815

Ion Ratio Lower Upper

96 100

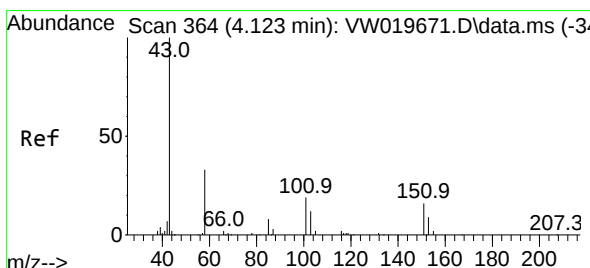
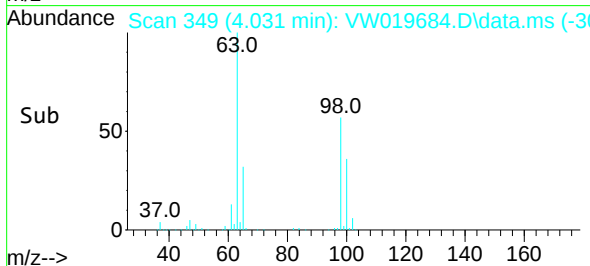
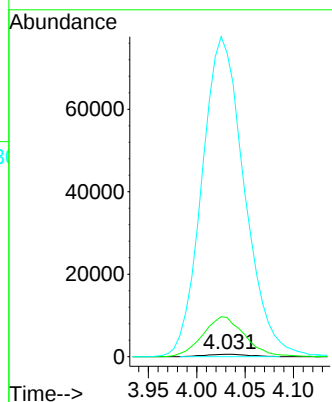
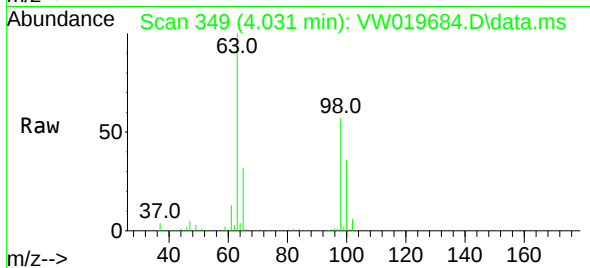
61 1582.5 118.1 219.3#

63 12272.0 83.7 155.5#

Instrument :

MSVOA_W

ClientSampled :



#13

Acetone

Concen: 5.137 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.000 min

Lab File: VW019684.D

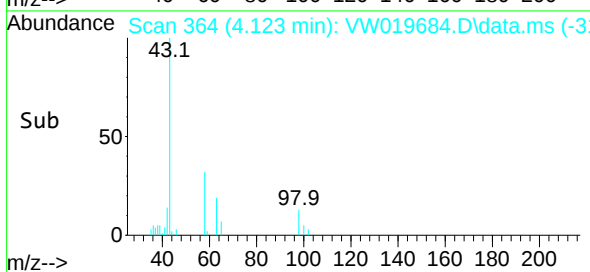
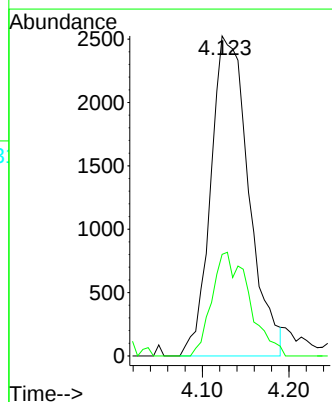
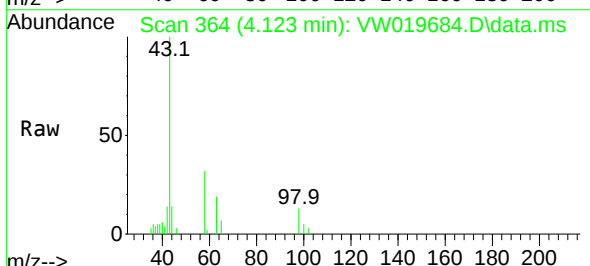
Acq: 05 Aug 2021 15:38

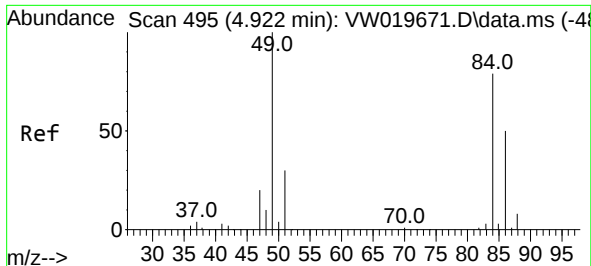
Tgt Ion: 43 Resp: 7675

Ion Ratio Lower Upper

43 100

58 18.0 0.0 53.8

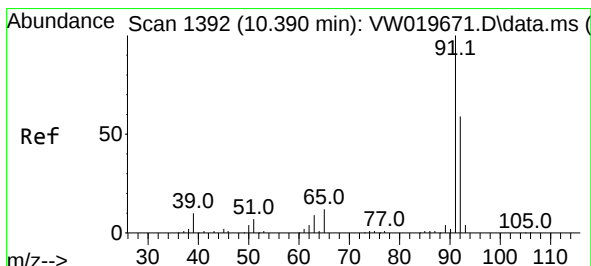
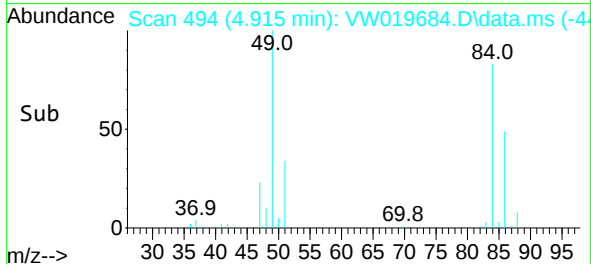
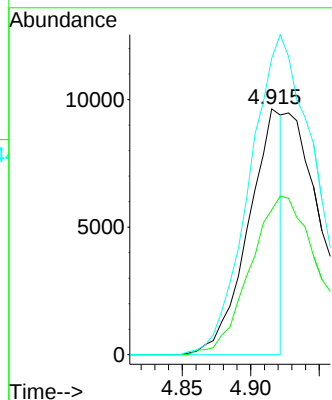
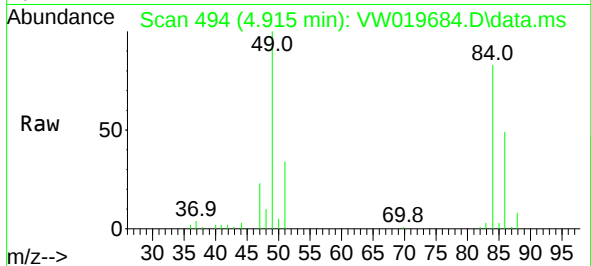




#16
Methylene chloride
Concen: 1.699 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019684.D
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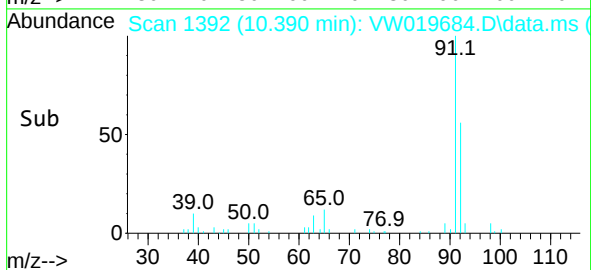
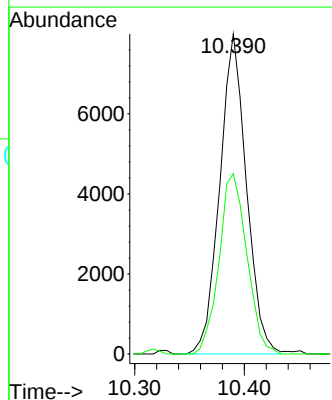
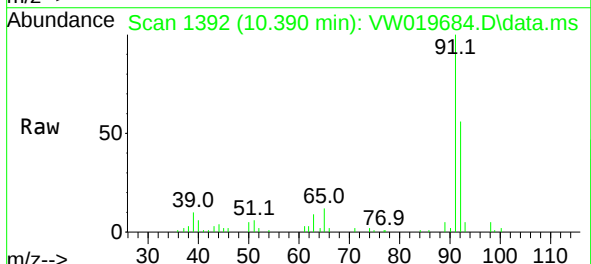
Instrument :
MSVOA_W
ClientSampled :

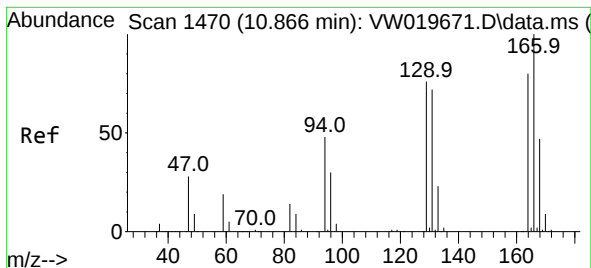
Tgt Ion: 84 Resp: 16703
Ion Ratio Lower Upper
84 100
86 58.9 45.3 84.1
49 120.6 86.6 160.8



#42
Toluene
Concen: 0.429 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019684.D
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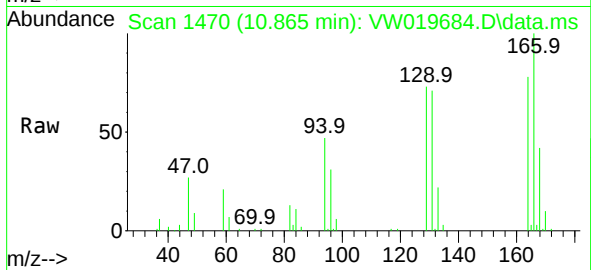
Tgt Ion: 91 Resp: 13488
Ion Ratio Lower Upper
91 100
92 56.3 39.5 73.3



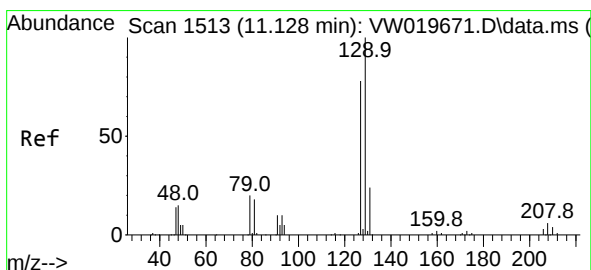
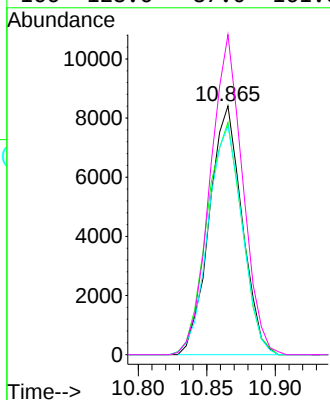
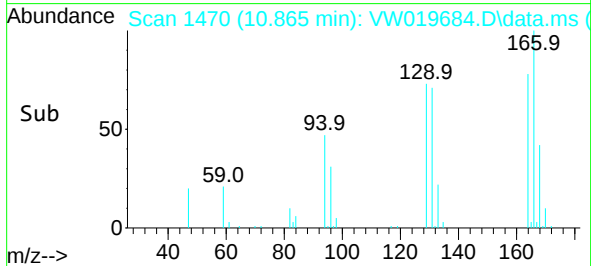


#46
Tetrachloroethene
Concen: 2.386 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019684.D
Acq: 05 Aug 2021 15:38

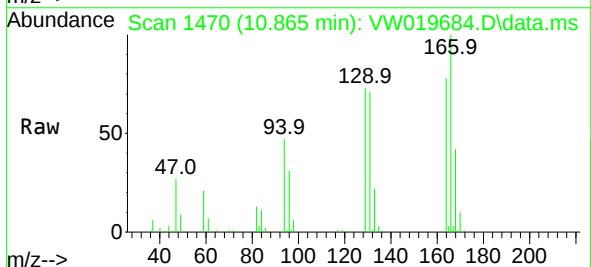
Instrument :
MSVOA_W
ClientSampled :



Tgt Ion:164 Resp: 14001
Ion Ratio Lower Upper
164 100
129 93.3 66.7 123.9
131 91.9 61.1 113.5
166 128.6 87.0 161.6



#49
Dibromochloromethane
Concen: 2.168 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. -0.262 min
Lab File: VW019684.D
Acq: 05 Aug 2021 15:38



Tgt Ion:129 Resp: 13262
Ion Ratio Lower Upper
129 100
127 0.0 51.7 95.9#

