

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021603.D
 Acq On : 23 Dec 2021 10:44
 Operator : SY/VA
 Sample : M5214-07
 Misc : 6.21g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLF4

Quant Time: Dec 24 00:31:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 00:28:54 2021
 Response via : Initial Calibration

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

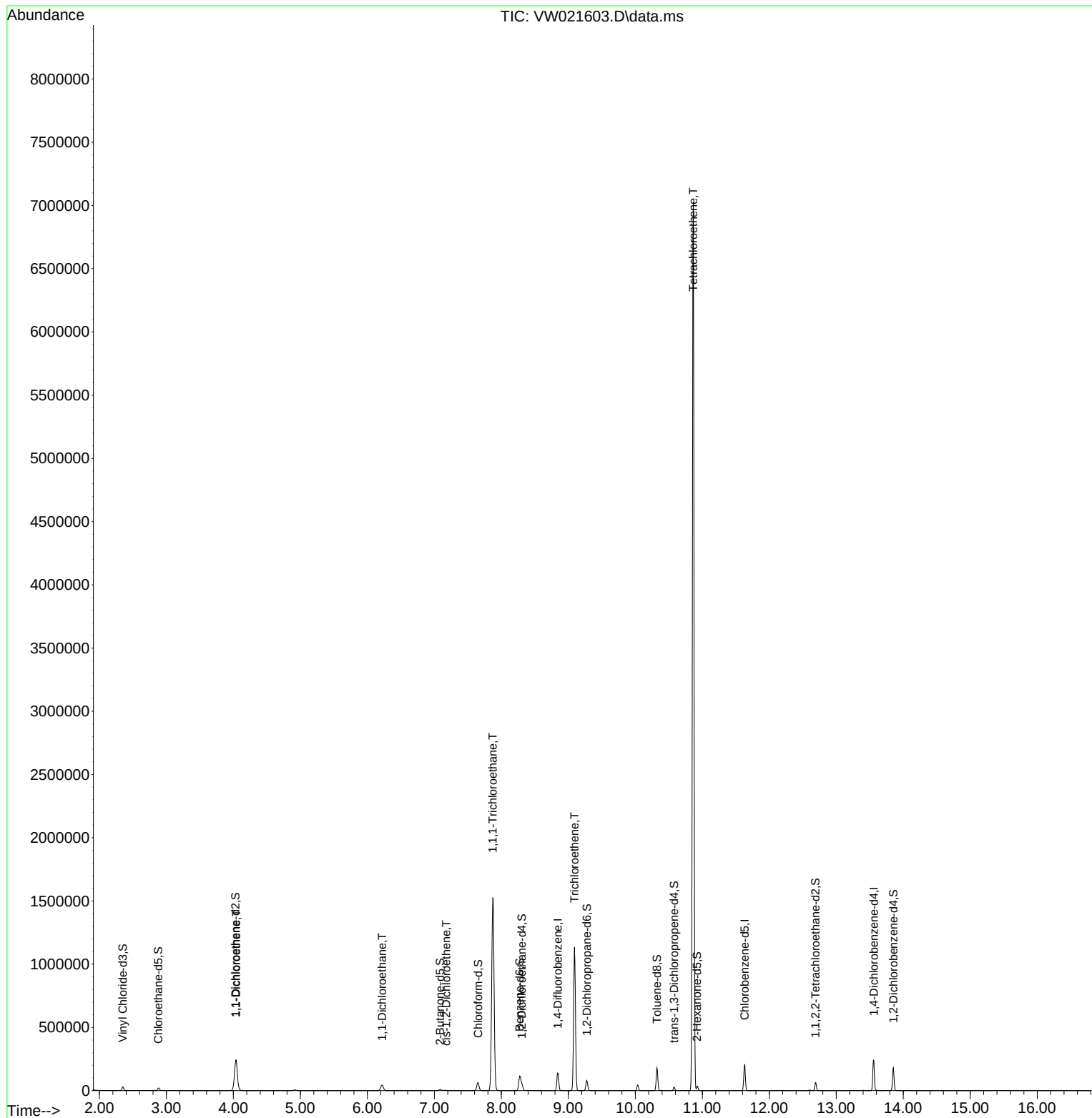
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	121418	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	116639	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	67062	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	30754	13.907	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	55.640%
7) Chloroethane-d5	2.879	69	22698	15.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.120%
11) 1,1-Dichloroethene-d2	4.032	63	104343	35.393	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	141.560%#
21) 2-Butanone-d5	7.086	46	15073	48.356	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.720%
24) Chloroform-d	7.653	84	64472	19.054	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.200%
26) 1,2-Dichloroethane-d4	8.305	65	35847	19.917	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	79.680%
32) Benzene-d6	8.275	84	118299	18.503	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	9.275	67	34619	20.190	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	80.760%
41) Toluene-d8	10.323	98	116856	17.889	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.560%
43) trans-1,3-Dichloroprop...	10.579	79	14670	18.582	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.320%
47) 2-Hexanone-d5	10.921	63	11856	46.761	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29830	20.238	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.960%
66) 1,2-Dichlorobenzene-d4	13.853	152	47746	18.371	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	73.480%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	128101	85.116	ug/L	# 61
19) 1,1-Dichloroethane	6.220	63	59768	23.373	ug/L	98
20) cis-1,2-Dichloroethene	7.177	96	1905	1.108	ug/L	69
30) 1,1,1-Trichloroethane	7.872	97	1248173	476.940	ug/L	94
34) Trichloroethene	9.092	95	370672	207.817	ug/L	91
46) Tetrachloroethene	10.866	164	1610495	950.485	ug/L	98

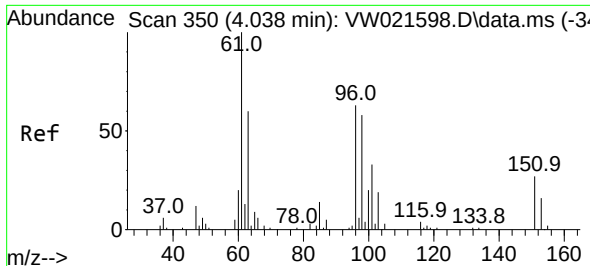
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Dec 24 00:28:54 2021
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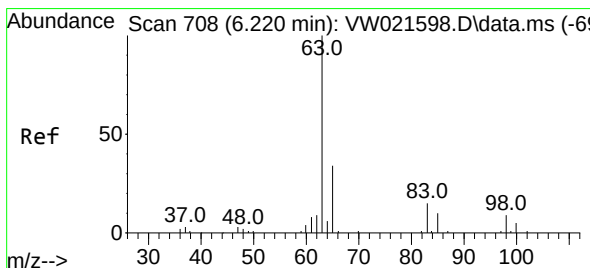
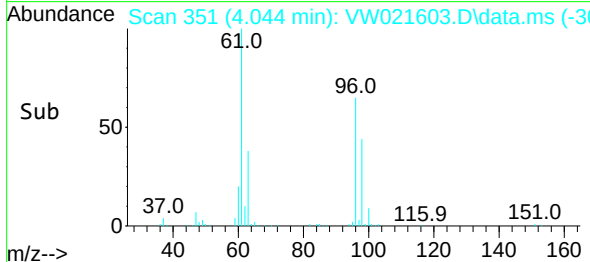
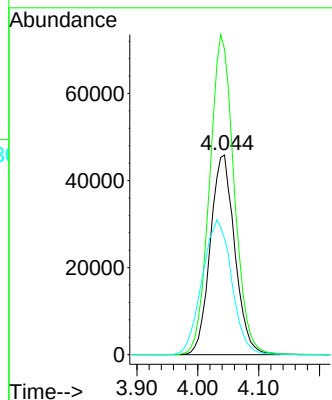
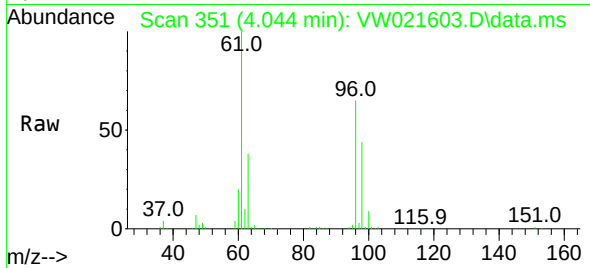




#12
1,1-Dichloroethene
Concen: 85.116 ug/L
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW021603.D
Acq: 23 Dec 2021 10:44

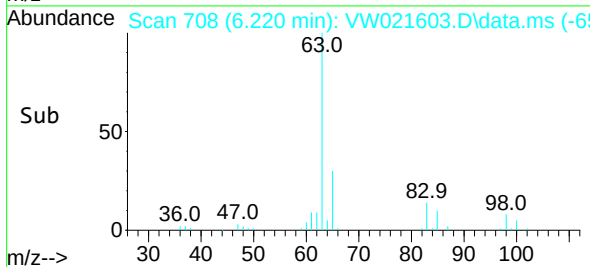
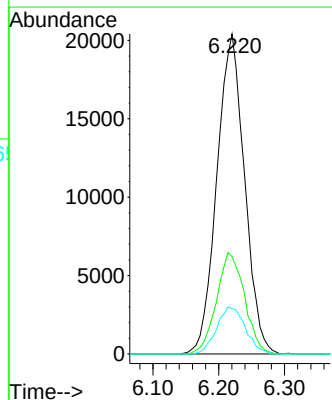
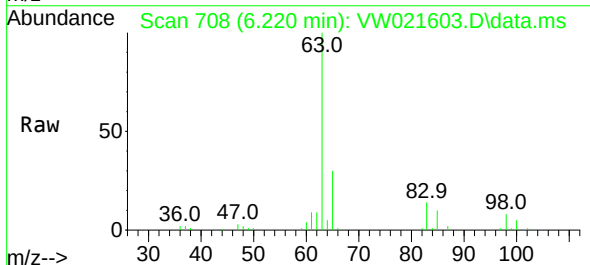
Instrument :
MSVOA_W
ClientSampleId :
BGLF4

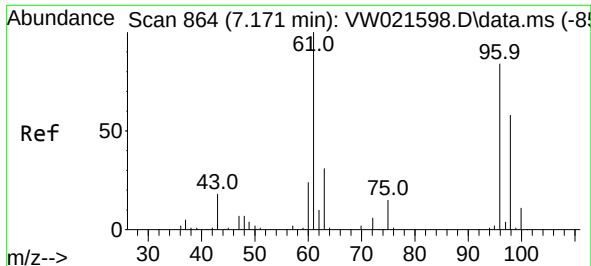
Tgt Ion: 96 Resp: 128101
Ion Ratio Lower Upper
96 100
61 152.9 138.3 256.9
63 58.1 82.6 153.4#



#19
1,1-Dichloroethane
Concen: 23.373 ug/L
RT: 6.220 min Scan# 708
Delta R.T. -0.000 min
Lab File: VW021603.D
Acq: 23 Dec 2021 10:44

Tgt Ion: 63 Resp: 59768
Ion Ratio Lower Upper
63 100
65 30.4 22.1 41.1
83 14.2 9.2 17.2

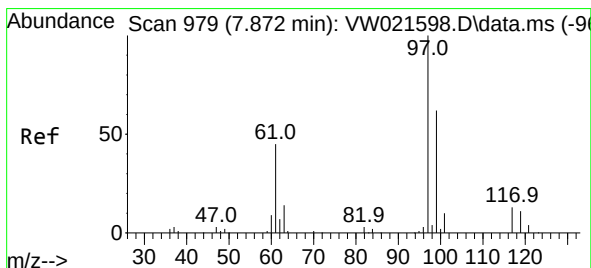
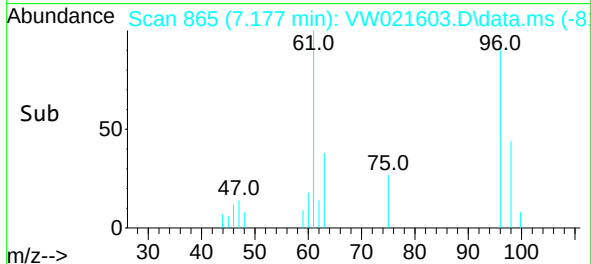
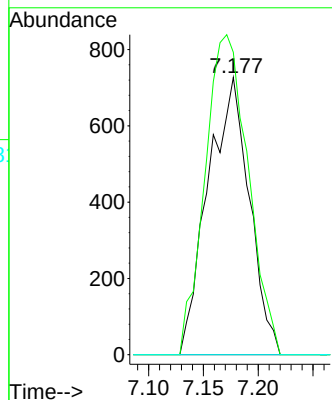
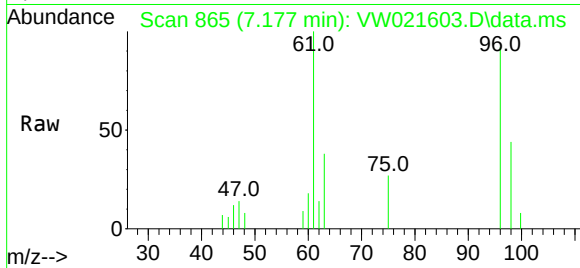




#20
 cis-1,2-Dichloroethene
 Concen: 1.108 ug/L
 RT: 7.177 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW021603.D
 Acq: 23 Dec 2021 10:44

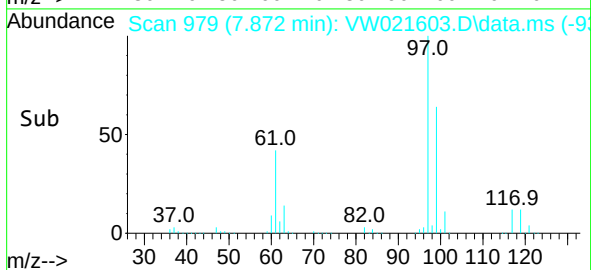
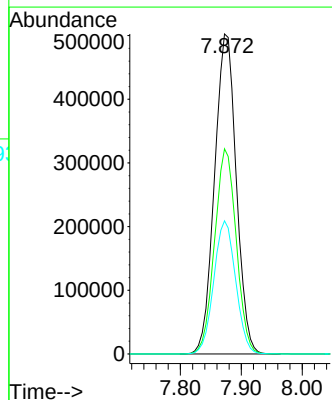
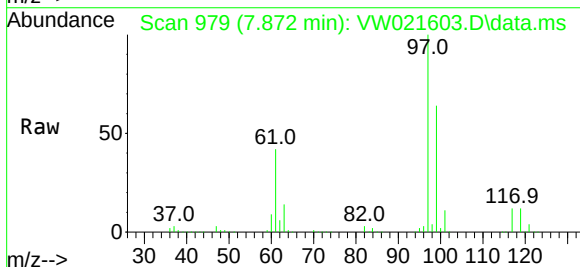
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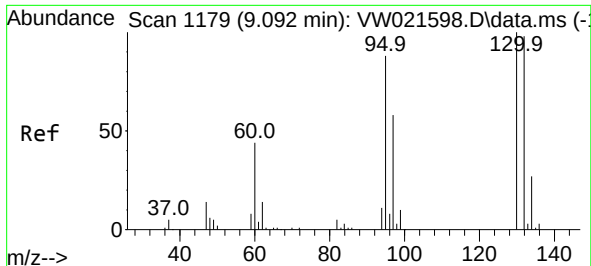
Tgt Ion: 96 Resp: 1905
 Ion Ratio Lower Upper
 96 100
 61 109.1 103.7 192.7
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 476.940 ug/L
 RT: 7.872 min Scan# 979
 Delta R.T. -0.000 min
 Lab File: VW021603.D
 Acq: 23 Dec 2021 10:44

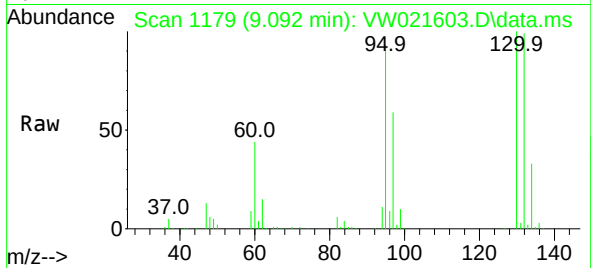
Tgt Ion: 97 Resp: 1248173
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.6 77.4
 61 41.8 40.9 61.3



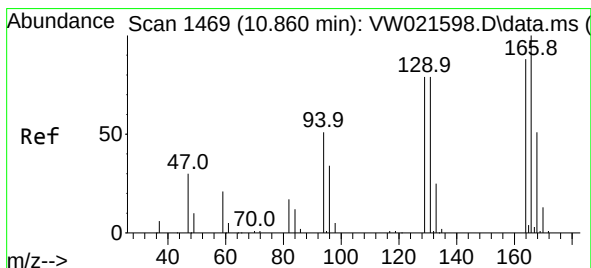
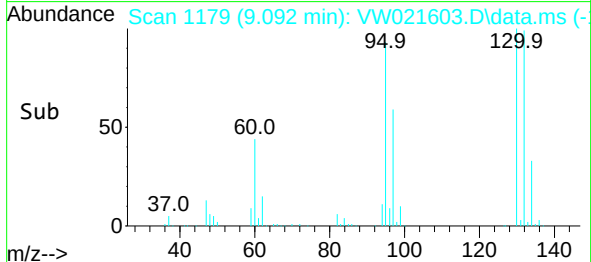
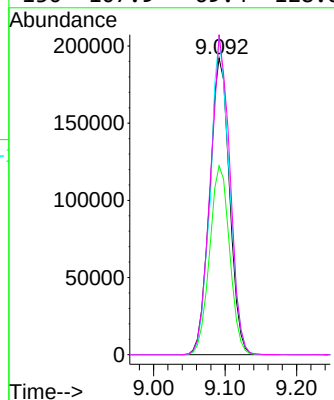


#34
Trichloroethene
Concen: 207.817 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021603.D
Acq: 23 Dec 2021 10:44

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion: 95 Resp: 370672
Ion Ratio Lower Upper
95 100
97 63.7 47.0 87.2
132 106.8 65.5 121.6
130 107.9 69.4 128.8



#46
Tetrachloroethene
Concen: 950.485 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW021603.D
Acq: 23 Dec 2021 10:44

Tgt Ion:164 Resp: 1610495
Ion Ratio Lower Upper
164 100
129 94.3 65.5 121.7
131 90.0 59.7 110.9
166 126.7 88.7 164.7

