

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061923\
 Data File : VW031593.D
 Acq On : 19 Jun 2023 11:04
 Operator : SY/MD
 Sample : 03249-18
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYT8

Quant Time: Jun 20 01:55:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM061423WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 17 02:08:04 2023
 Response via : Initial Calibration

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

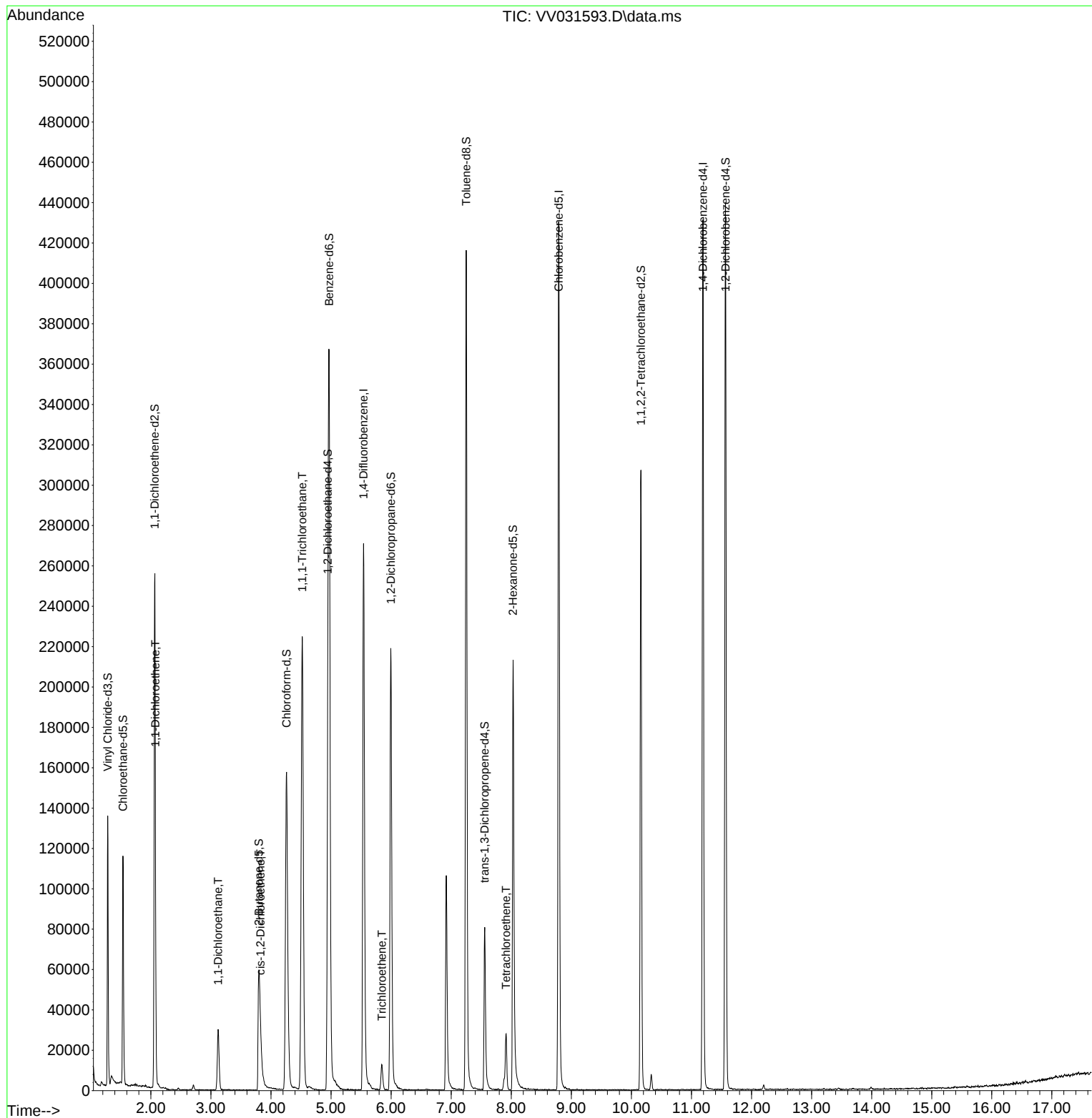
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	223596	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	231595	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	111266	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	87868	59.047	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.100%
7) Chloroethane-d5	1.535	69	75923	58.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	116.940%
11) 1,1-Dichloroethene-d2	2.066	65	42201	55.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	110.040%
21) 2-Butanone-d5	3.799	46	99736	82.771	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.770%
24) Chloroform-d	4.259	84	168990	45.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.680%
26) 1,2-Dichloroethane-d4	4.947	65	114692	49.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.380%
32) Benzene-d6	4.966	84	325010	49.857	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
36) 1,2-Dichloropropane-d6	5.995	67	107924	46.710	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.420%
41) Toluene-d8	7.249	98	280863	46.951	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.900%
43) trans-1,3-Dichloroprop...	7.558	79	50677	44.992	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.980%
47) 2-Hexanone-d5	8.030	63	74092	81.218	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.220%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	147839	42.391	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.780%
66) 1,2-Dichlorobenzene-d4	11.567	152	111283	52.469	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.940%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.076	96	7785	4.705	ug/L	# 1
19) 1,1-Dichloroethane	3.121	63	31151	8.358	ug/L	95
20) cis-1,2-Dichloroethene	3.825	96	5613	3.008	ug/L	97
30) 1,1,1-Trichloroethane	4.519	97	194227	52.308	ug/L	99
34) Trichloroethene	5.847	95	4728	2.295	ug/L	95
46) Tetrachloroethene	7.915	164	6086	3.763	ug/L	92

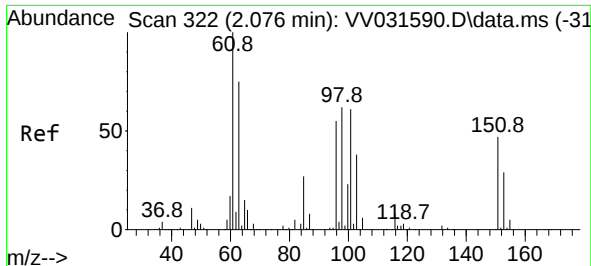
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Jun 17 02:08:04 2023
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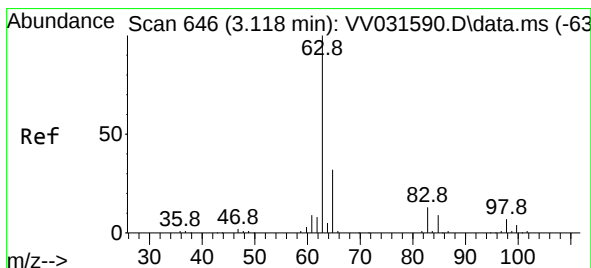
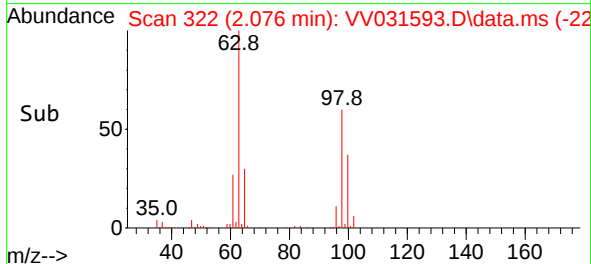
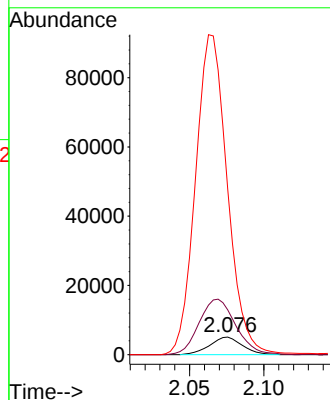
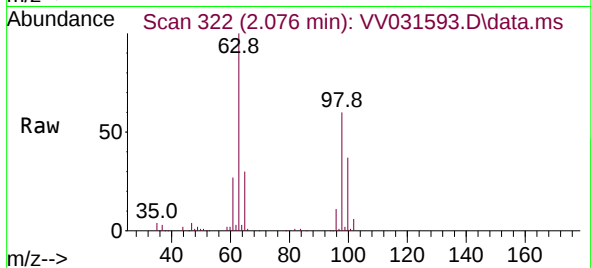




#12
1,1-Dichloroethene
Concen: 4.705 ug/L
RT: 2.076 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031593.D
Acq: 19 Jun 2023 11:04

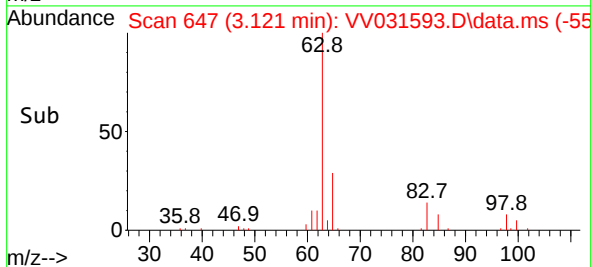
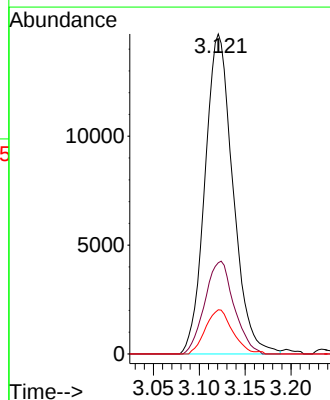
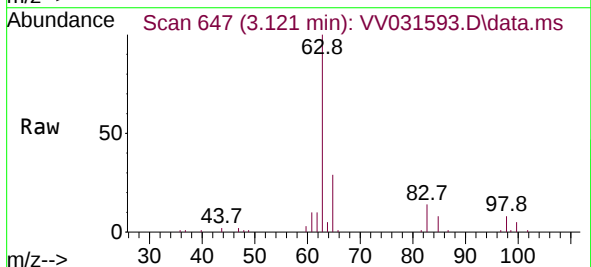
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MSVOA_V
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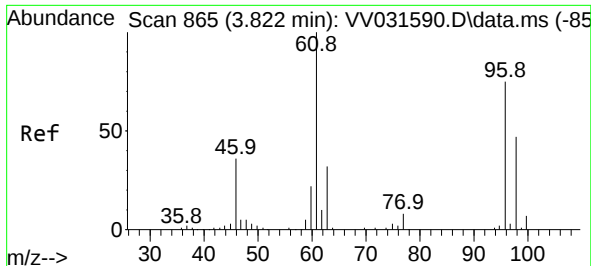
Tgt Ion: 96 Resp: 7785
Ion Ratio Lower Upper
96 100
61 254.8 128.9 239.5#
63 940.5 95.3 177.1#



#19
1,1-Dichloroethane
Concen: 8.358 ug/L
RT: 3.121 min Scan# 647
Delta R.T. 0.003 min
Lab File: VV031593.D
Acq: 19 Jun 2023 11:04

Tgt Ion: 63 Resp: 31151
Ion Ratio Lower Upper
63 100
65 28.5 22.5 41.7
83 13.8 10.0 18.6

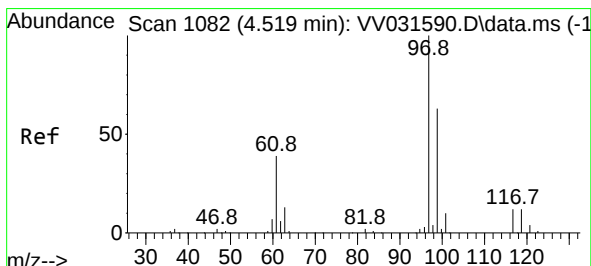
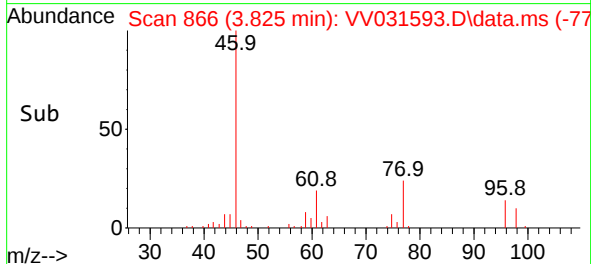
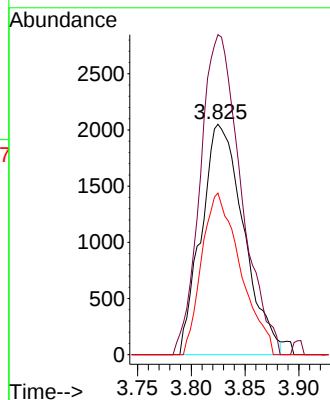
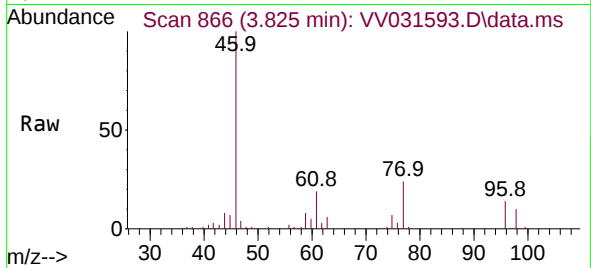




#20
 cis-1,2-Dichloroethene
 Concen: 3.008 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. -0.000 min
 Lab File: VV031593.D
 Acq: 19 Jun 2023 11:04

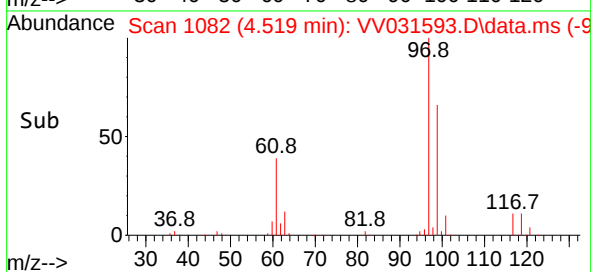
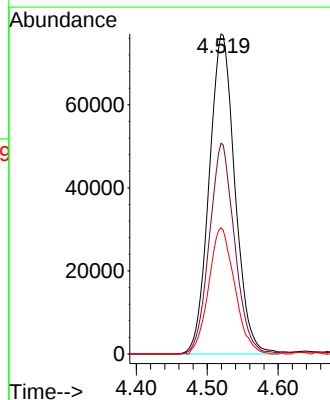
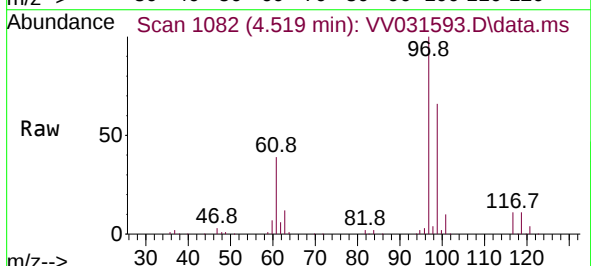
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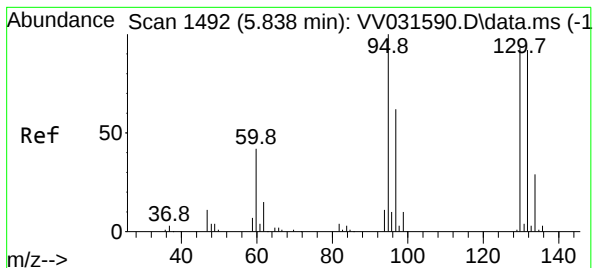
Tgt Ion: 96 Resp: 5613
 Ion Ratio Lower Upper
 96 100
 61 138.9 98.6 183.0
 98 70.1 45.7 84.9



#30
 1,1,1-Trichloroethane
 Concen: 52.308 ug/L
 RT: 4.519 min Scan# 1082
 Delta R.T. -0.000 min
 Lab File: VV031593.D
 Acq: 19 Jun 2023 11:04

Tgt Ion: 97 Resp: 194227
 Ion Ratio Lower Upper
 97 100
 99 64.8 51.8 77.6
 61 39.7 33.0 49.6





#34

Trichloroethene

Concen: 2.295 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.010 min

Lab File: VV031593.D

Acq: 19 Jun 2023 11:04

Instrument :

MSVOA_V

ClientSampleId :

EXYT8

Tgt Ion: 95 Resp: 4728

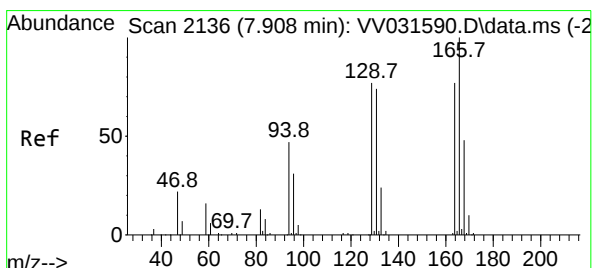
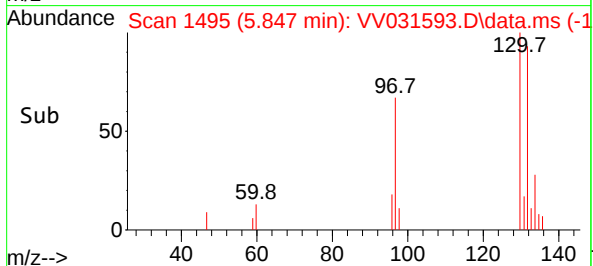
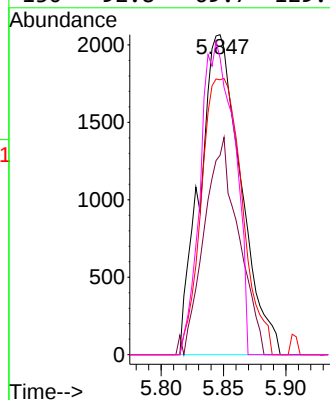
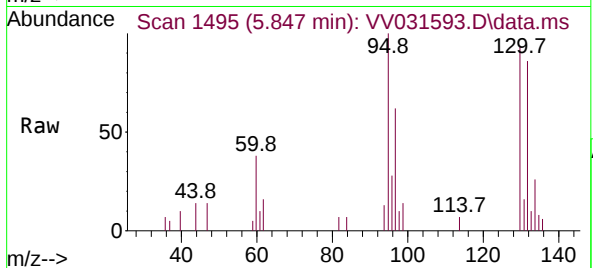
Ion Ratio Lower Upper

95 100

97 72.7 46.8 86.8

132 96.4 66.4 123.2

130 92.8 69.7 129.4



#46

Tetrachloroethene

Concen: 3.763 ug/L

RT: 7.915 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VV031593.D

Acq: 19 Jun 2023 11:04

Tgt Ion:164 Resp: 6086

Ion Ratio Lower Upper

164 100

129 87.0 68.4 127.0

131 91.6 67.6 125.6

166 120.8 91.3 169.5

