

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111023\
 Data File : VW032885.D
 Acq On : 10 Nov 2023 12:34
 Operator : SY/MD
 Sample : 05326-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E45K4

Quant Time: Nov 10 22:50:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 08 01:37:19 2023
 Response via : Initial Calibration

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

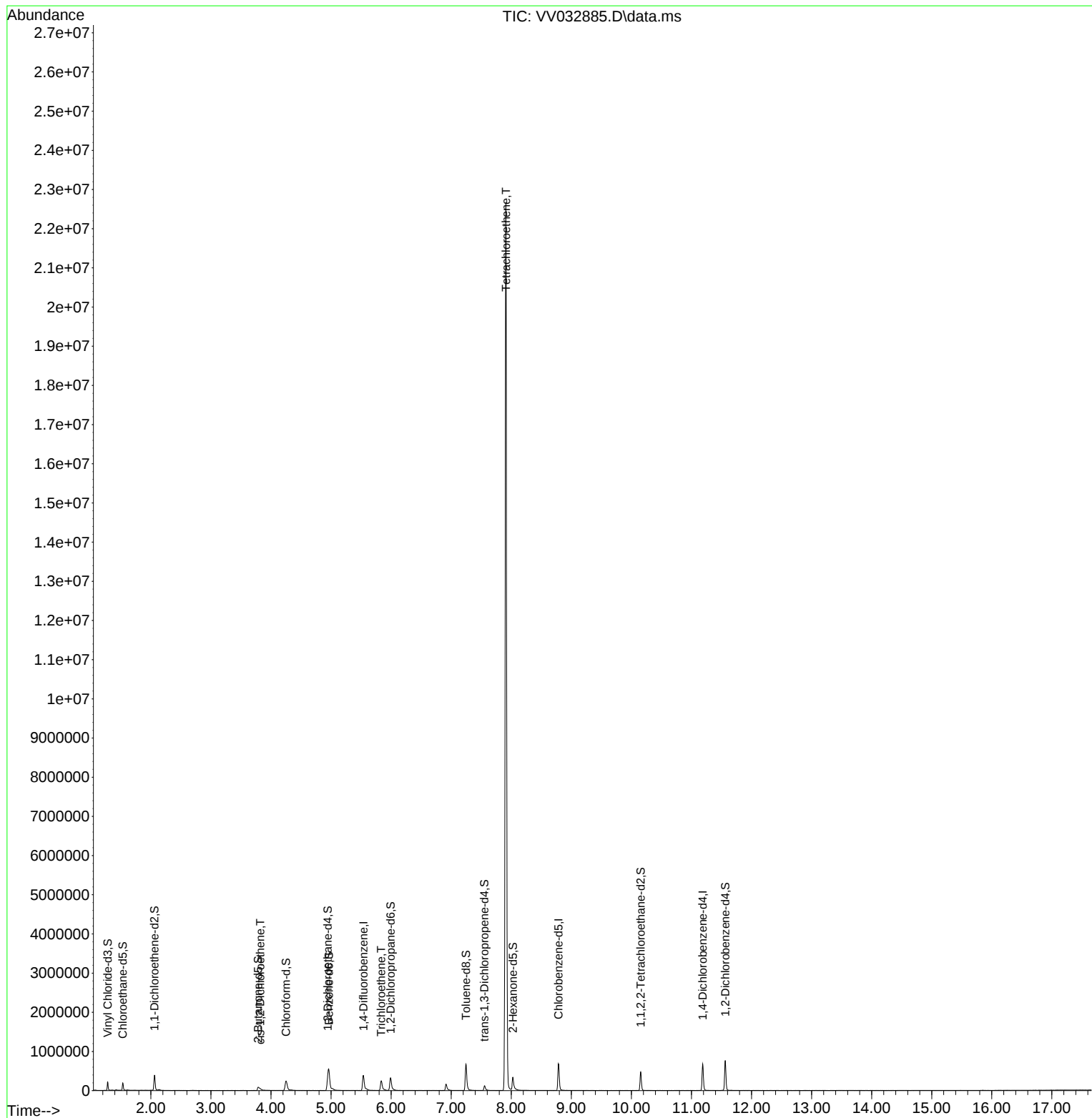
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	380917	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	385727	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	177070	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	136411	37.651	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.300%		
7) Chloroethane-d5	1.532	69	121526	40.106	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	80.220%		
11) 1,1-Dichloroethene-d2	2.060	65	62817	41.977	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.960%		
21) 2-Butanone-d5	3.786	46	127551	81.165	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.170%		
24) Chloroform-d	4.249	84	258619	44.721	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.440%		
26) 1,2-Dichloroethane-d4	4.944	65	165974	46.179	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.360%		
32) Benzene-d6	4.963	84	491886	49.597	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.200%		
36) 1,2-Dichloropropane-d6	5.992	67	165869	55.050	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	110.100%		
41) Toluene-d8	7.246	98	470706	48.201	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	96.400%		
43) trans-1,3-Dichloroprop...	7.555	79	74359	47.386	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.780%		
47) 2-Hexanone-d5	8.027	63	111232	101.122	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.120%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	217480	47.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	95.140%		
66) 1,2-Dichlorobenzene-d4	11.564	152	192271	56.347	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	112.700%		
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.822	96	13630	4.539	ug/L	90
34) Trichloroethene	5.834	95	93315	32.774	ug/L	95
46) Tetrachloroethene	7.912	164	4881916	1900.314	ug/L	99

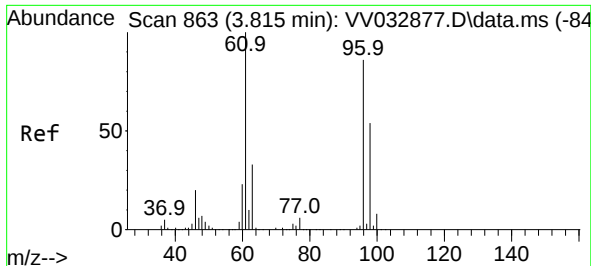
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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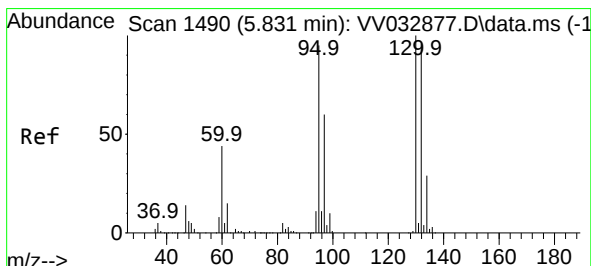
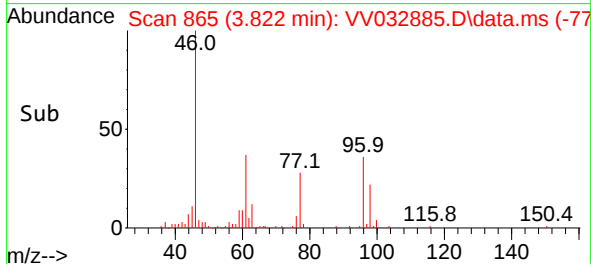
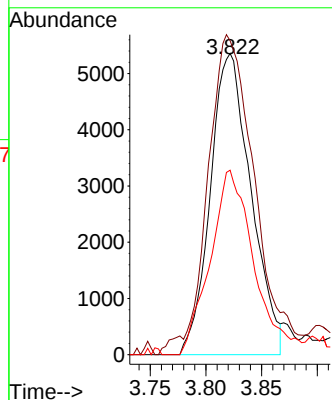
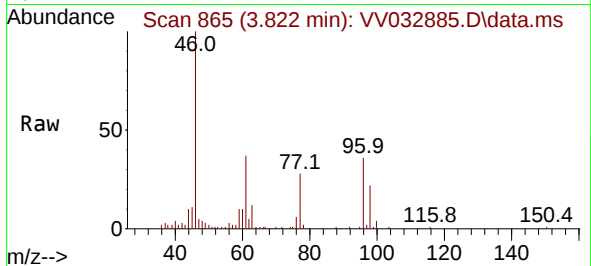




#20
cis-1,2-Dichloroethene
Concen: 4.539 ug/L
RT: 3.822 min Scan# 865
Delta R.T. 0.006 min
Lab File: VV032885.D
Acq: 10 Nov 2023 12:34

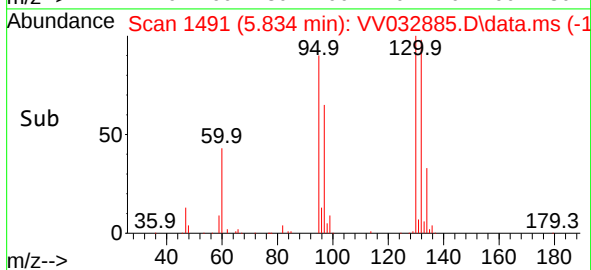
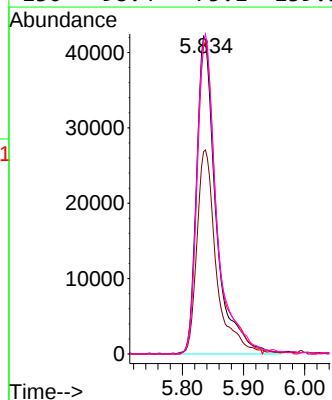
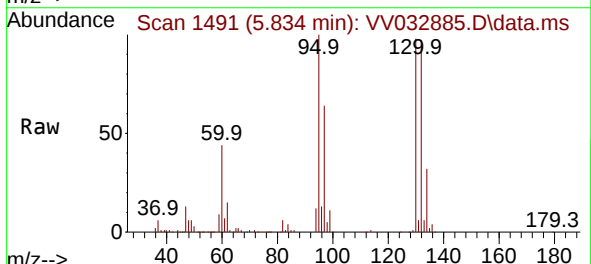
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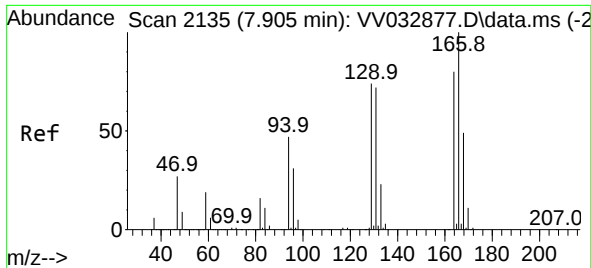
Tgt Ion: 96 Resp: 13630
Ion Ratio Lower Upper
96 100
61 104.2 83.3 154.7
98 61.3 44.2 82.2



#34
Trichloroethene
Concen: 32.774 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV032885.D
Acq: 10 Nov 2023 12:34

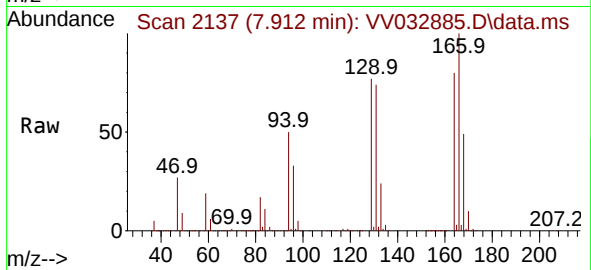
Tgt Ion: 95 Resp: 93315
Ion Ratio Lower Upper
95 100
97 63.6 46.3 85.9
132 96.6 69.0 128.2
130 98.4 75.1 139.5





#46
 Tetrachloroethene
 Concen: 1900.314 ug/L
 RT: 7.912 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV032885.D
 Acq: 10 Nov 2023 12:34

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Tgt Ion:164 Resp: 4881916

Ion	Ratio	Lower	Upper
164	100		
129	96.8	65.3	121.3
131	93.1	65.0	120.8
166	124.9	87.8	163.2

