

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120823\
 Data File : VW033183.D
 Acq On : 08 Dec 2023 12:23
 Operator : SY/MD
 Sample : 05673-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHEH9

Quant Time: Dec 08 21:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 21:51:12 2023
 Response via : Initial Calibration

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

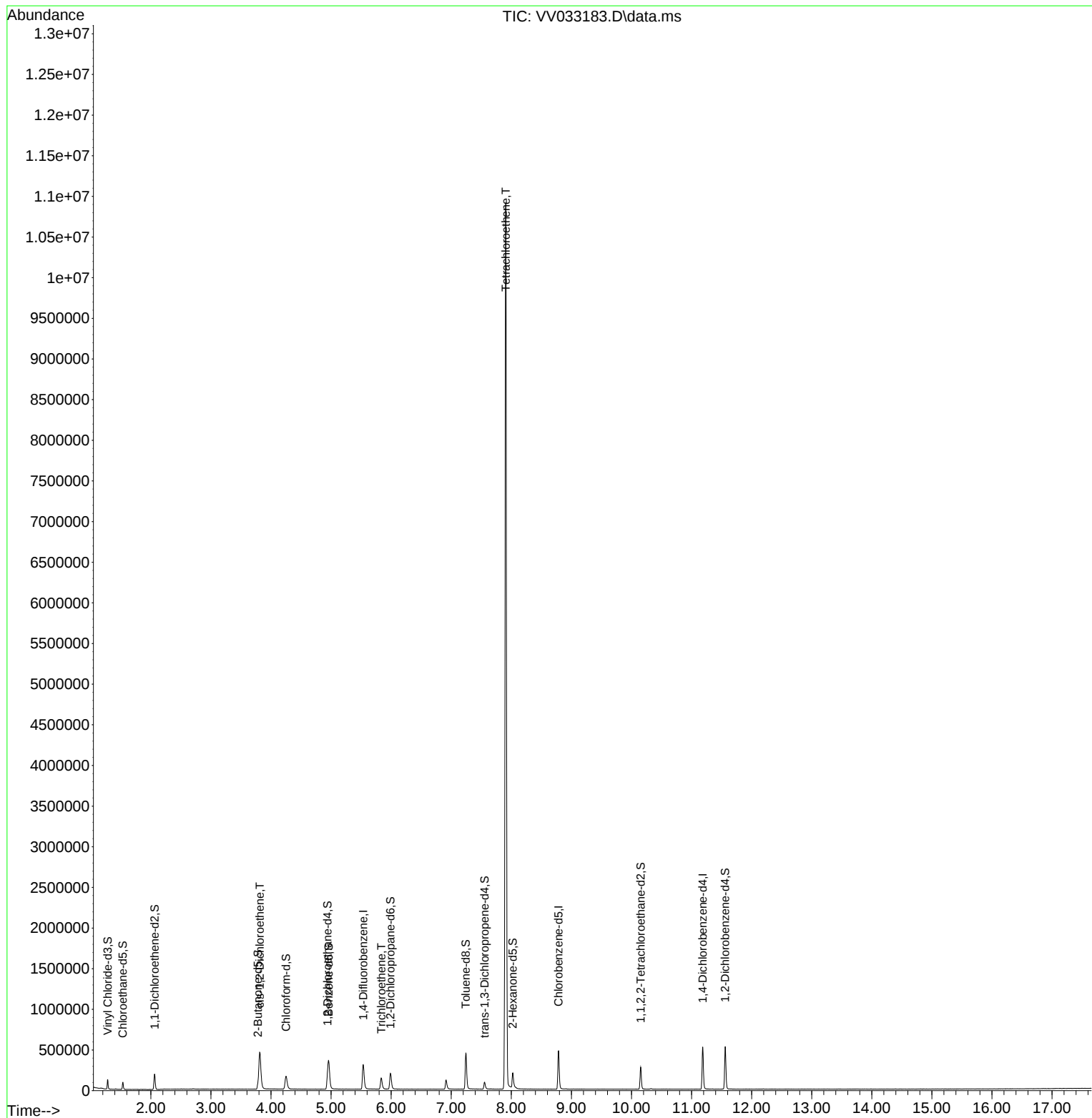
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	283315	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	279898	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	144594	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	73186	43.212	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.420%
7) Chloroethane-d5	1.532	69	55467	47.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.000%
11) 1,1-Dichloroethene-d2	2.063	65	29139	45.225	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.460%
21) 2-Butanone-d5	3.783	46	70674	84.015	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.020%
24) Chloroform-d	4.249	84	170613	47.468	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
26) 1,2-Dichloroethane-d4	4.940	65	112706	50.435	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.880%
32) Benzene-d6	4.960	84	325080	49.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
36) 1,2-Dichloropropane-d6	5.989	67	85597	48.632	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.260%
41) Toluene-d8	7.243	98	301263	48.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	7.555	79	49653	44.612	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.220%
47) 2-Hexanone-d5	8.024	63	63305	89.528	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.530%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	114686	45.836	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.680%
66) 1,2-Dichlorobenzene-d4	11.561	152	139899	54.379	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.760%
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	3.812	96	272792	137.856	ug/L	94
34) Trichloroethene	5.838	95	44723	21.106	ug/L	97
46) Tetrachloroethene	7.908	164	2411258	1323.722	ug/L	97

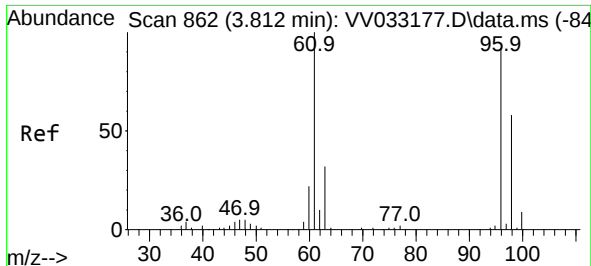
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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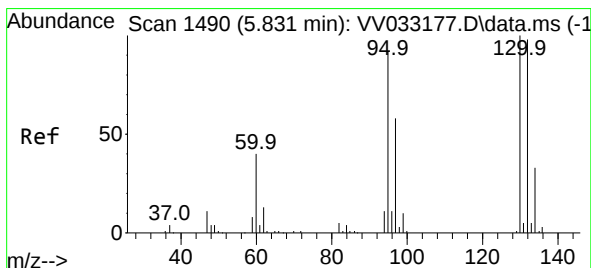
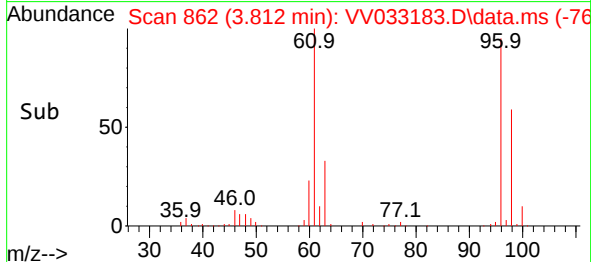
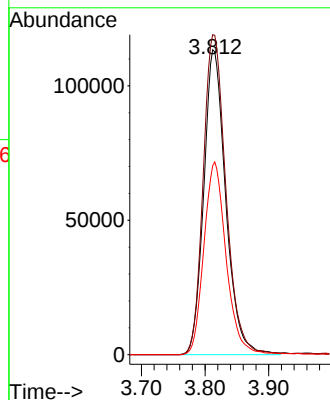
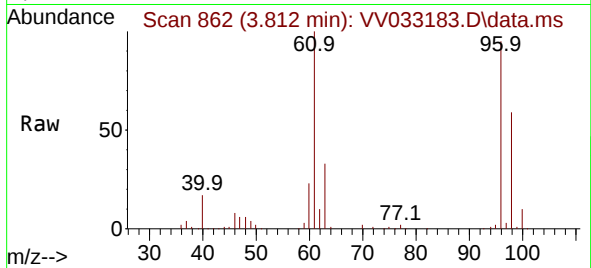




#20
cis-1,2-Dichloroethene
Concen: 137.856 ug/L
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV033183.D
Acq: 08 Dec 2023 12:23

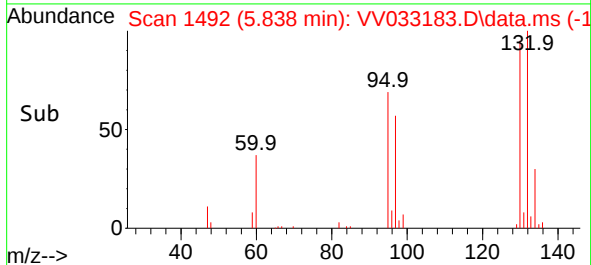
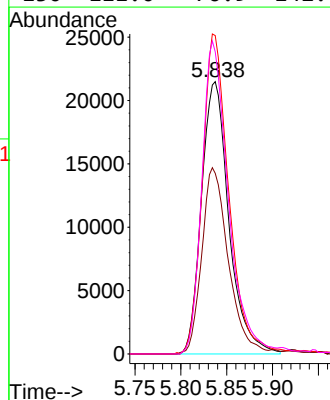
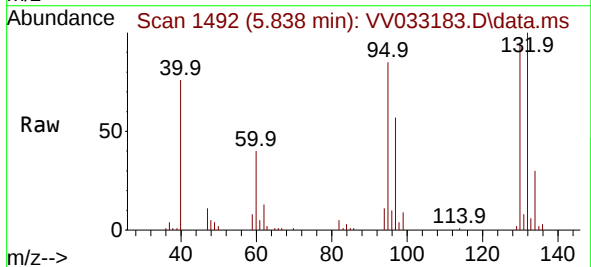
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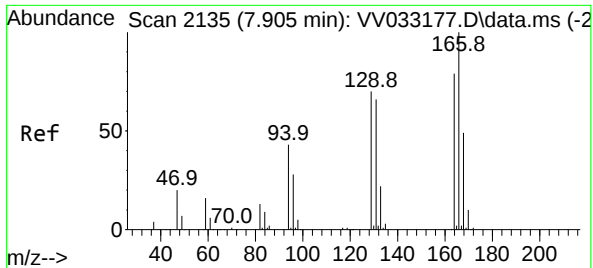
Tgt Ion: 96 Resp: 272792
Ion Ratio Lower Upper
96 100
61 104.9 79.1 146.9
98 61.9 45.1 83.7



#34
Trichloroethene
Concen: 21.106 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033183.D
Acq: 08 Dec 2023 12:23

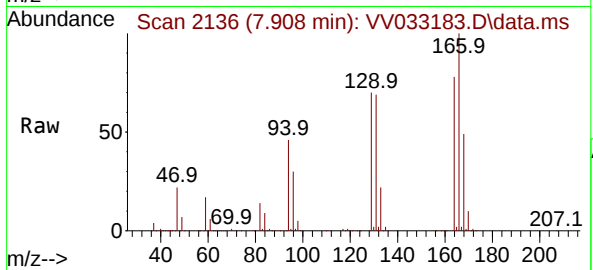
Tgt Ion: 95 Resp: 44723
Ion Ratio Lower Upper
95 100
97 66.3 45.8 85.0
132 117.0 77.4 143.8
130 111.0 76.9 142.7





#46
 Tetrachloroethene
 Concen: 1323.722 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV033183.D
 Acq: 08 Dec 2023 12:23

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Tgt Ion:164 Resp: 2411258

Ion	Ratio	Lower	Upper
164	100		
129	90.2	65.6	121.8
131	87.9	64.7	120.1
166	128.2	89.4	166.0

