

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV051823\
 Data File : VV031088.D
 Acq On : 18 May 2023 11:36
 Operator : SY/MD
 Sample : 02822-03DL 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 CONL4DL

Quant Time: May 19 05:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 19 05:32:32 2023
 Response via : Initial Calibration

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

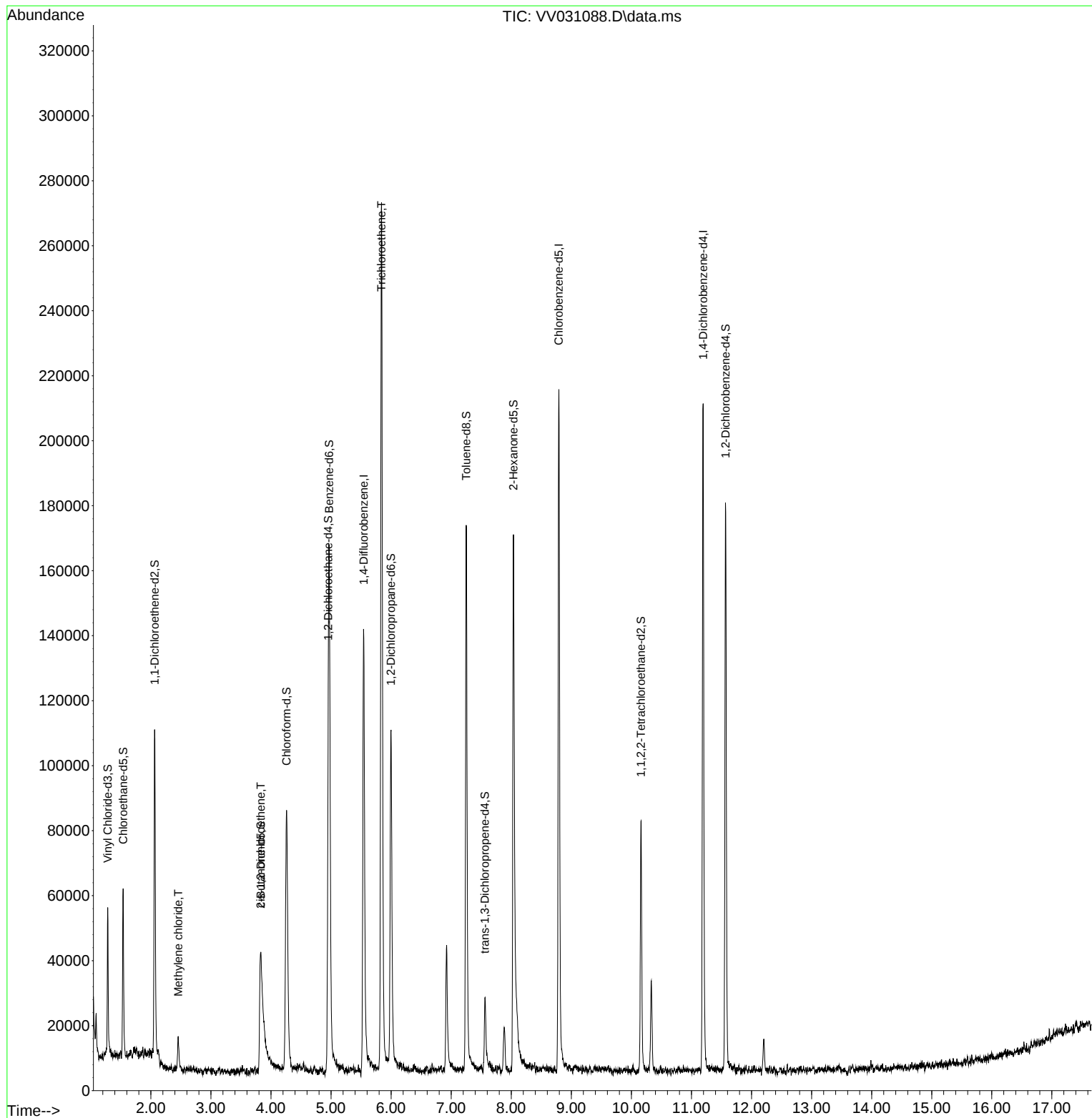
Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	117835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	117819	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	58340	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	30133	3.104	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	62.000%	
7) Chloroethane-d5	1.539	69	31521	3.980	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.063	65	17700	3.445	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.828	46	86070	49.995	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	99.980%	
24) Chloroform-d	4.259	84	85026	4.407	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.200%	
26) 1,2-Dichloroethane-d4	4.953	65	46716	4.763	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.200%	
32) Benzene-d6	4.969	84	138718	4.017	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	5.998	67	44859	4.467	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.400%	
41) Toluene-d8	7.249	98	112300	3.415	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.200%#	
43) trans-1,3-Dichloroprop...	7.561	79	14866	3.949	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5	8.037	63	59092	44.805	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.620%	
56) 1,1,2,2-Tetrachloroeth...	10.159	84	33878	4.654	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.000%	
66) 1,2-Dichlorobenzene-d4	11.567	152	46782	4.302	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
					Qvalue	
16) Methylene chloride	2.458	84	4676	0.521	ug/L	95
22) cis-1,2-Dichloroethene	3.831	96	3451	0.452	ug/L #	85
34) Trichloroethene	5.838	95	88969	11.262	ug/L	98

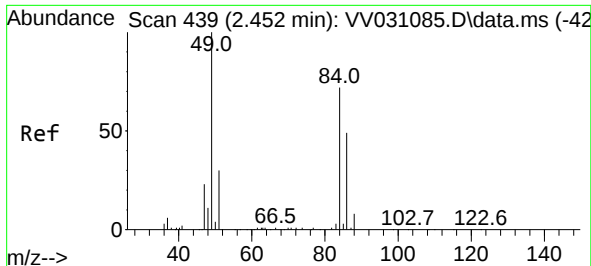
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

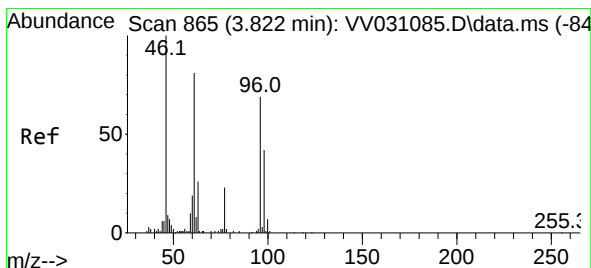
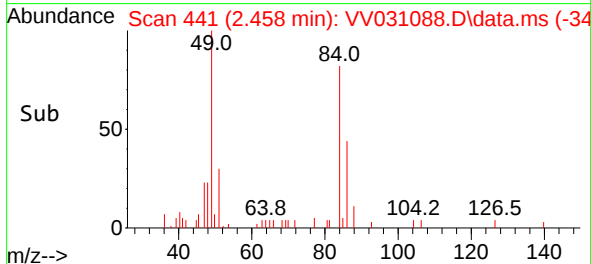
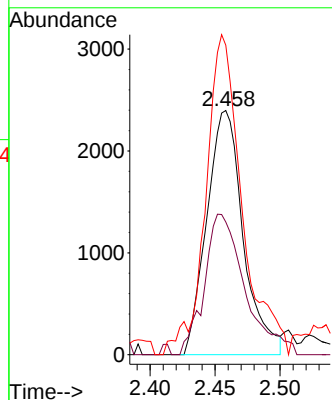
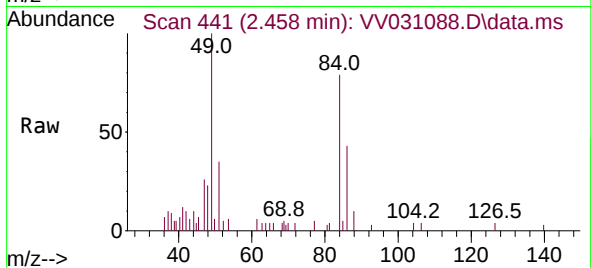




#16
Methylene chloride
Concen: 0.521 ug/L
RT: 2.458 min Scan# 441
Delta R.T. 0.006 min
Lab File: VV031088.D
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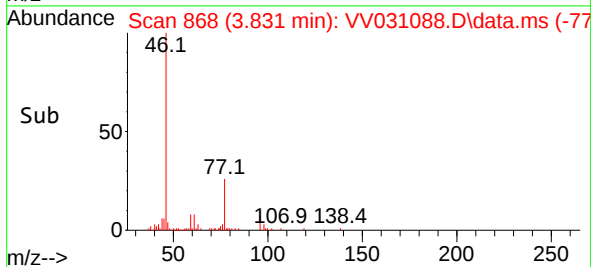
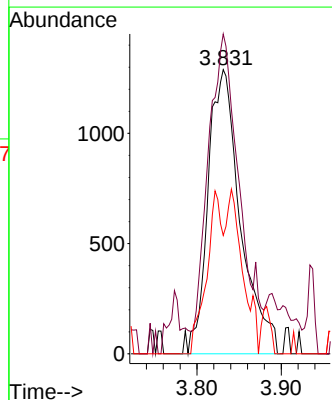
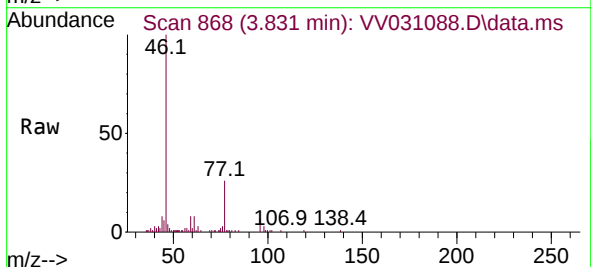
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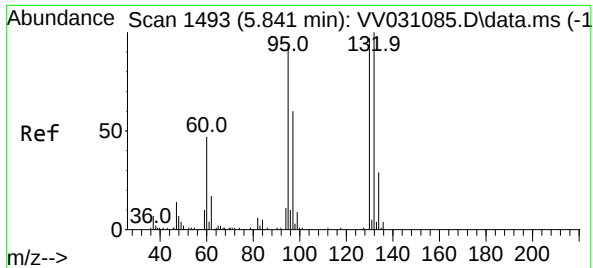
Tgt Ion: 84 Resp: 4676
Ion Ratio Lower Upper
84 100
86 54.4 46.1 85.5
49 135.0 94.3 175.1



#22
cis-1,2-Dichloroethene
Concen: 0.452 ug/L
RT: 3.831 min Scan# 868
Delta R.T. 0.010 min
Lab File: VV031088.D
Acq: 18 May 2023 11:36

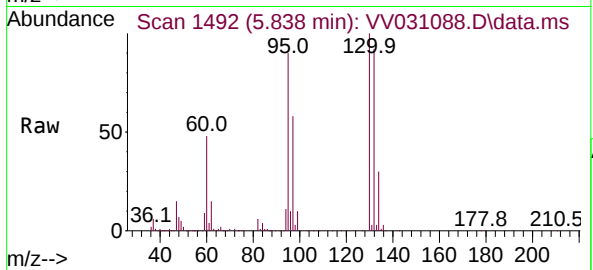
Tgt Ion: 96 Resp: 3451
Ion Ratio Lower Upper
96 100
61 112.6 86.0 159.6
98 41.7 43.2 80.2#





#34
 Trichloroethene
 Concen: 11.262 ug/L
 RT: 5.838 min Scan# 1492
 Delta R.T. -0.003 min
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Tgt Ion: 95	Resp: 88969
Ion Ratio	Lower Upper
95 100	
97 63.8	46.2 85.8
132 101.7	72.7 135.1
130 110.5	75.7 140.5

