

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057048.D
 Acq On : 19 Dec 2023 16:46
 Operator : MD/SY
 Sample : 05843-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C81

Quant Time: Dec 20 04:58:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

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

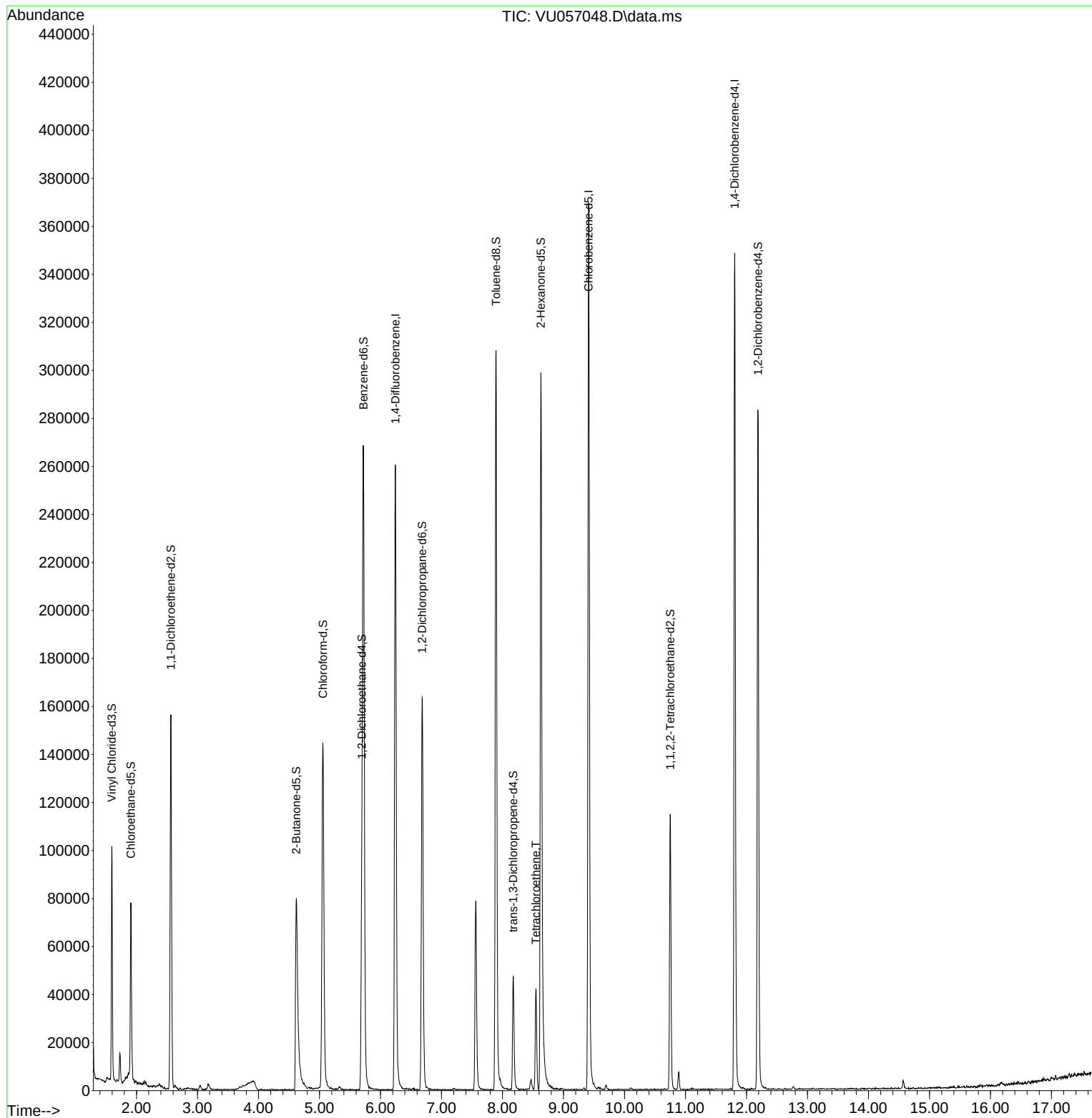
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	210751	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	212774	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	91140	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	68319	3.782	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.600%
7) Chloroethane-d5	1.907	69	52108	3.855	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.000%
11) 1,1-Dichloroethene-d2	2.563	65	30403	3.934	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.621	46	128189	35.932	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.860%
24) Chloroform-d	5.055	84	140394	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	68889	4.256	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.200%
32) Benzene-d6	5.721	84	253855	3.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.000%
36) 1,2-Dichloropropane-d6	6.682	67	78546	3.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.000%
41) Toluene-d8	7.894	98	213627	3.622	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.177	79	29231	3.649	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.631	63	100038	33.111	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57756	3.864	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	76570	4.274	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						Qvalue
47) Tetrachloroethene	8.547	164	8872	0.618	ug/L	92

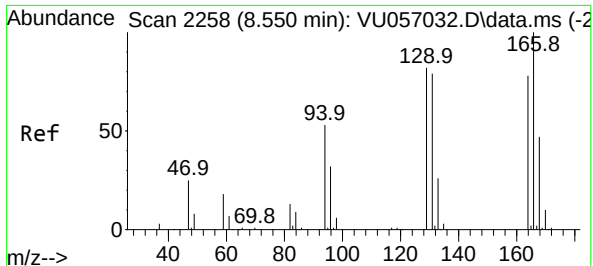
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#47
 Tetrachloroethene
 Concen: 0.618 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.003 min
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Tgt Ion:164 Resp: 8872

Ion	Ratio	Lower	Upper
164	100		
129	118.4	73.4	136.4
131	107.1	71.5	132.9
166	141.2	92.7	172.1

