

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU121923\  
 Data File : VU057068.D  
 Acq On : 20 Dec 2023 01:14  
 Operator : MD/SY  
 Sample : 05865-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 F7C75

Quant Time: Dec 20 06:57:15 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR121123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Dec 20 06:35:40 2023  
 Response via : Initial Calibration

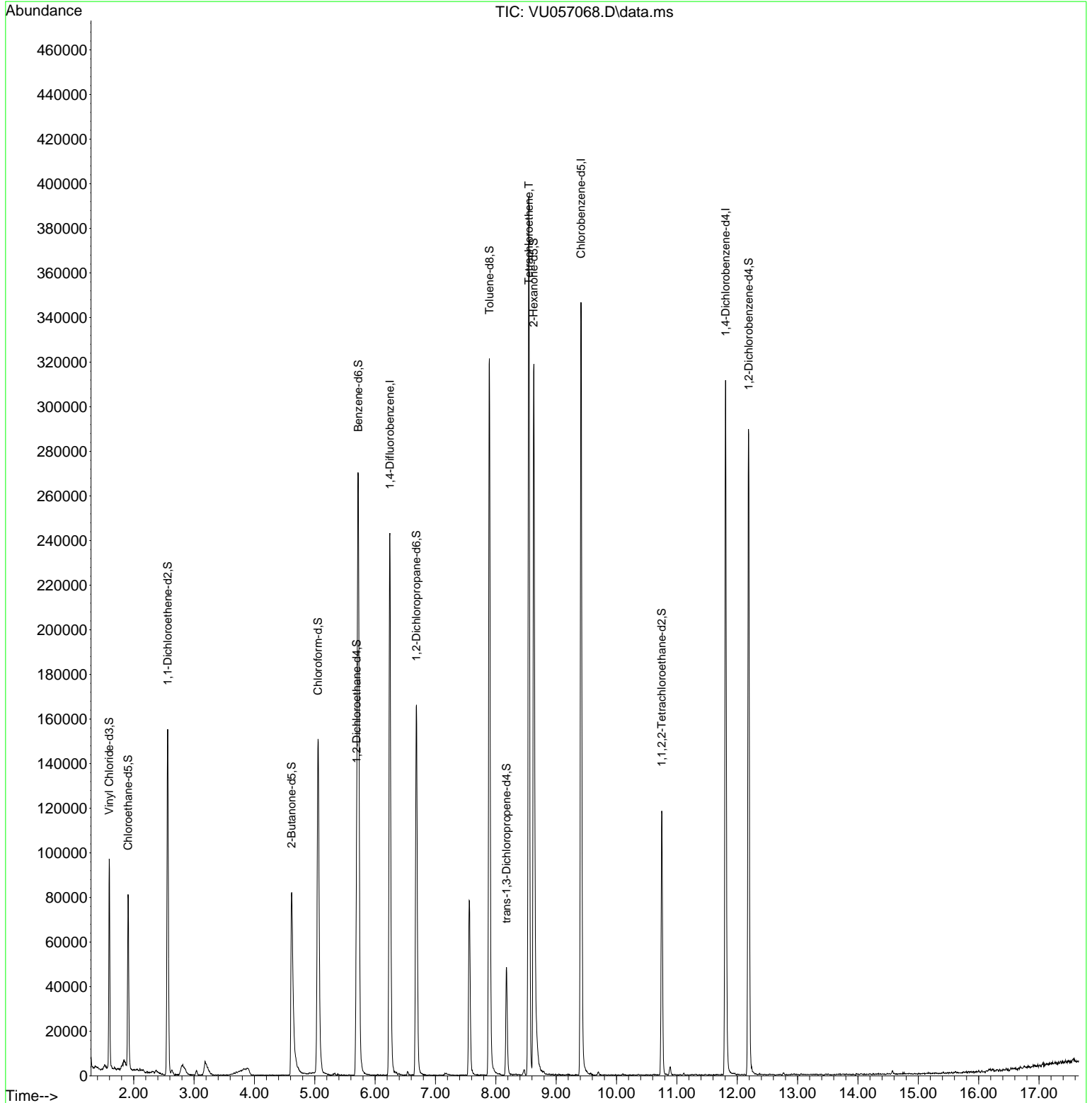
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	192557	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	193258	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84415	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67542	4.092	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.800%	
7) Chloroethane-d5	1.907	69	59247	4.797	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.000%	
11) 1,1-Dichloroethene-d2	2.563	65	30641	4.339	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.800%	
20) 2-Butanone-d5	4.618	46	126895	38.930	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	77.860%	
24) Chloroform-d	5.055	84	146598	4.690	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.695	65	71224	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.721	84	262331	4.376	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
36) 1,2-Dichloropropane-d6	6.685	67	80576	4.295	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.894	98	220382	4.113	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	82.200%	
43) trans-1,3-Dichloroprop...	8.177	79	29547	4.061	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	81.200%	
46) 2-Hexanone-d5	8.627	63	105361	38.394	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.780%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58324	4.296	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	77686	4.682	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
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Target Compounds						Qvalue
47) Tetrachloroethene	8.547	164	85166	6.532	ug/L	97
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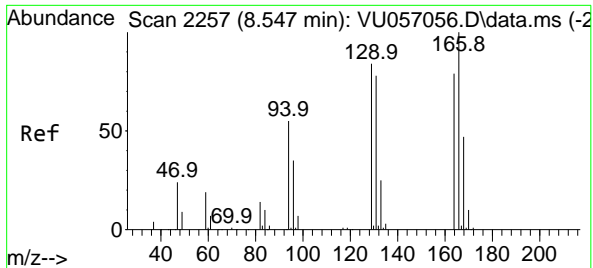
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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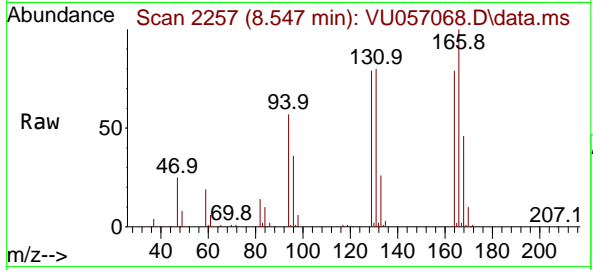
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#47  
 Tetrachloroethene  
 Concen: 6.532 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU057068.D  
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Tgt Ion:164 Resp: 85166

Ion	Ratio	Lower	Upper
164	100		
129	100.4	73.4	136.4
131	101.7	71.5	132.9
166	126.6	92.7	172.1

