

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082324\  
 Data File : VU060531.D  
 Acq On : 23 Aug 2024 23:59  
 Operator : MD/SY  
 Sample : P3711-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_U  
**ClientSampleId :**  
 E2499

Quant Time: Aug 24 01:51:55 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR082324WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Aug 24 01:46:38 2024  
 Response via : Initial Calibration

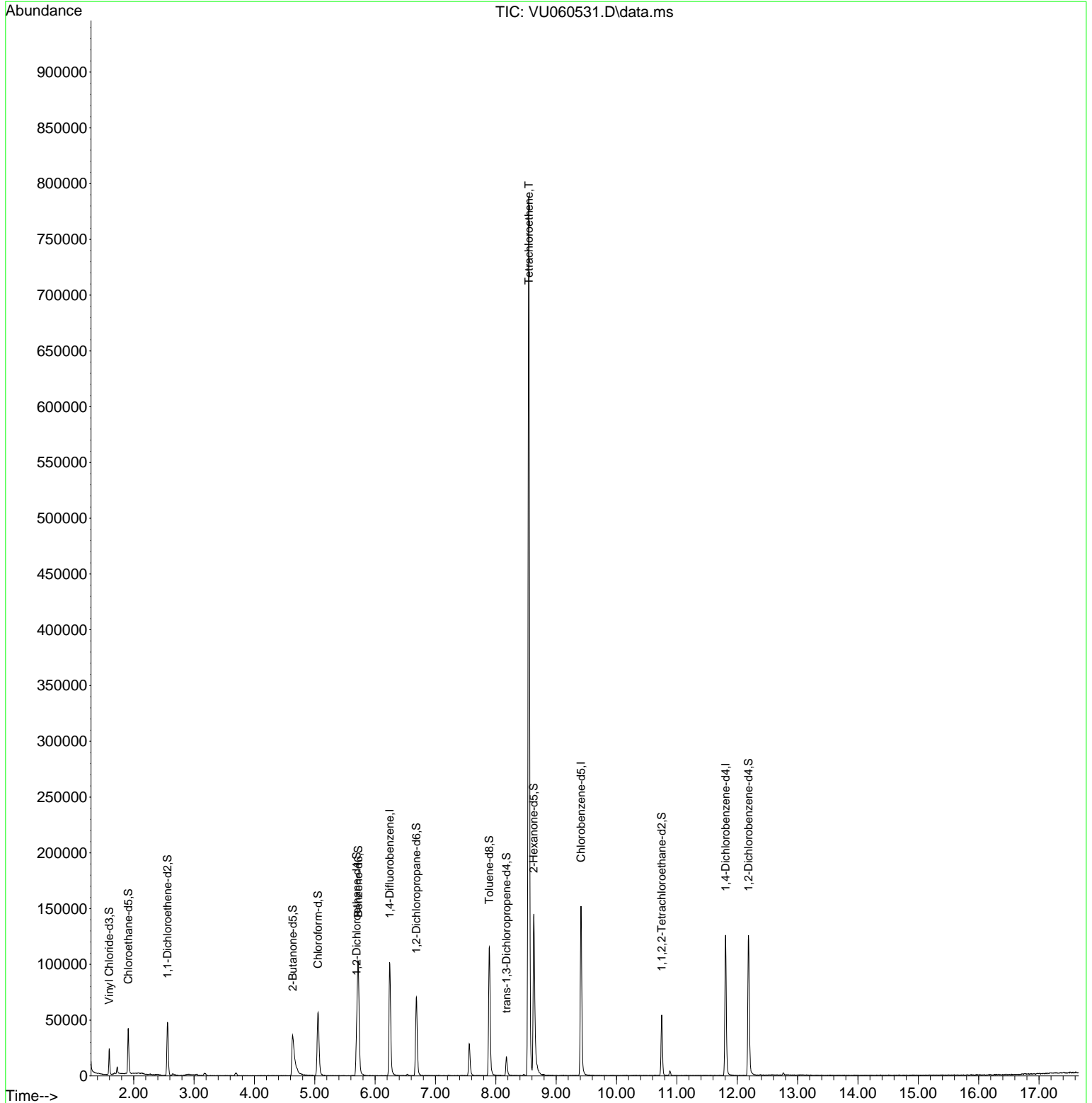
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82254	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	90195	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36064	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	16646	4.582	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.600%	
7) Chloroethane-d5	1.911	69	29950	5.441	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	108.800%	
11) 1,1-Dichloroethene-d2	2.560	65	8978	4.193	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.800%	
20) 2-Butanone-d5	4.634	46	60706	48.592	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.180%	
24) Chloroform-d	5.055	84	57643	5.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.400%	
26) 1,2-Dichloroethane-d4	5.695	65	31158	5.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	115.200%	
32) Benzene-d6	5.721	84	96434	4.889	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
36) 1,2-Dichloropropane-d6	6.682	67	33919	5.330	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	106.600%	
41) Toluene-d8	7.891	98	82811	4.475	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.600%	
43) trans-1,3-Dichloroprop...	8.177	79	10350	4.545	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.000%	
46) 2-Hexanone-d5	8.627	63	50916	46.701	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.400%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	26821	4.737	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.800%	
66) 1,2-Dichlorobenzene-d4	12.187	152	37579	7.067	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	141.400%#	
Target Compounds						
47) Tetrachloroethene	8.547	164	179152	28.187	ug/L	98
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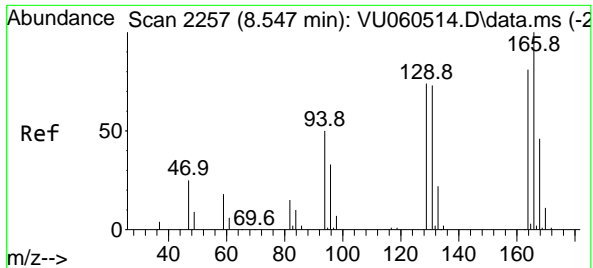
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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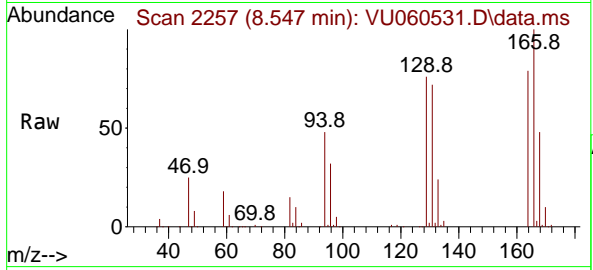
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#47  
 Tetrachloroethene  
 Concen: 28.187 ug/L  
 RT: 8.547 min Scan# 21  
 Delta R.T. -0.000 min  
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Tgt Ion:164 Resp: 179152

Ion	Ratio	Lower	Upper
164	100		
129	95.4	67.8	125.8
131	90.4	67.2	124.8
166	126.2	88.5	164.4

