

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112223\
 Data File : VU056580.D
 Acq On : 22 Nov 2023 11:45
 Operator : MD/SY
 Sample : 05441-18
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK8

Quant Time: Nov 23 03:41:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

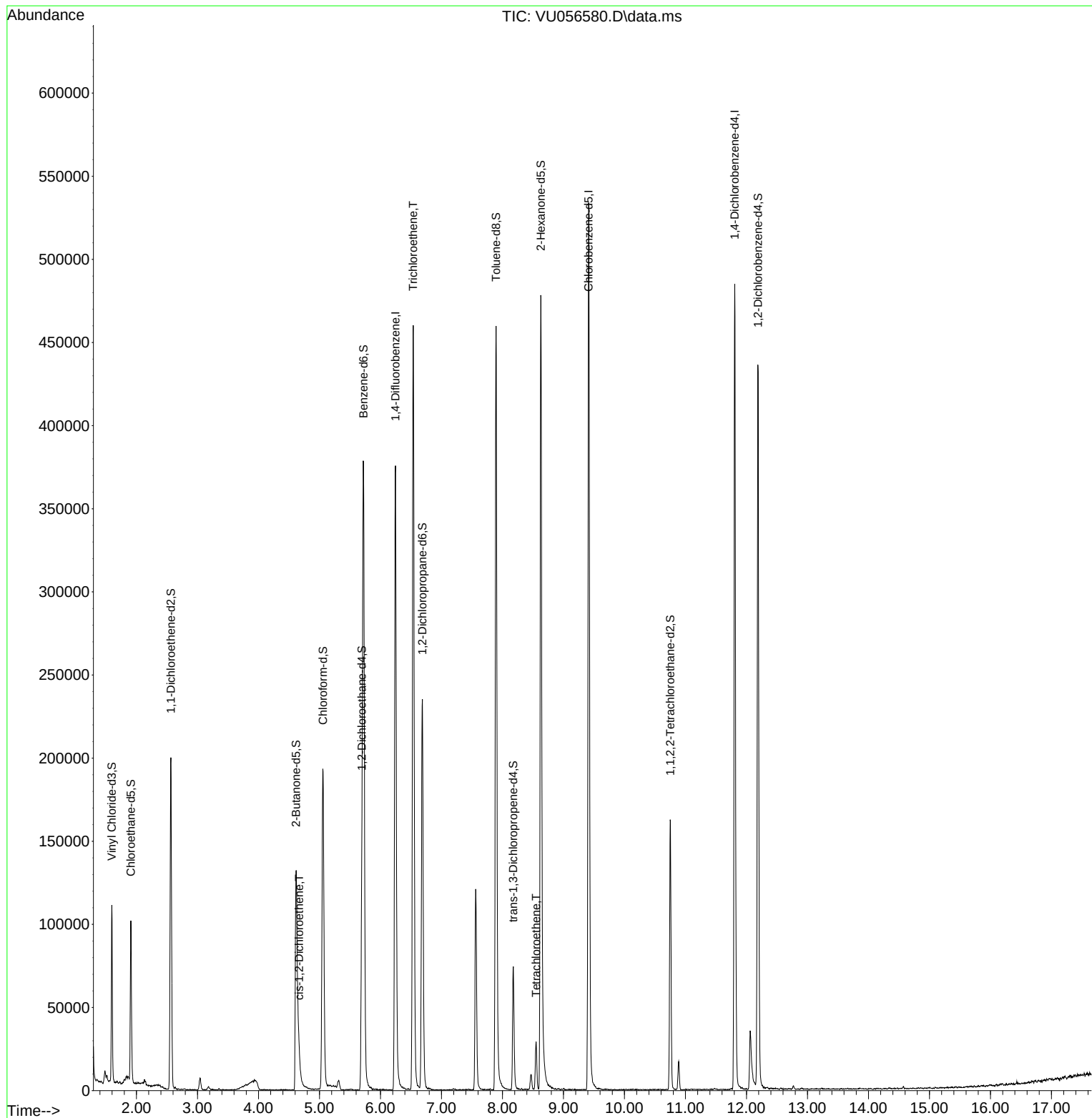
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	302454	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	310892	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128219	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75862	3.353	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.000%	
7) Chloroethane-d5	1.907	69	74065	4.270	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.400%	
11) 1,1-Dichloroethene-d2	2.563	65	38049	3.811	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.200%	
20) 2-Butanone-d5	4.615	46	206561	45.791	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.580%	
24) Chloroform-d	5.055	84	186538	4.263	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
26) 1,2-Dichloroethane-d4	5.695	65	95727	4.734	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
32) Benzene-d6	5.721	84	362436	3.913	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	6.685	67	117073	4.194	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.800%	
41) Toluene-d8	7.894	98	326852	3.996	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	8.177	79	44213	4.129	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.627	63	167402	39.786	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.580%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	81449	4.083	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	81.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	113036	4.772	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.400%	
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.666	96	5873	0.272	ug/L	99
34) Trichloroethene	6.534	95	164073	6.788	ug/L	98
47) Tetrachloroethene	8.550	164	6436	0.395	ug/L	94

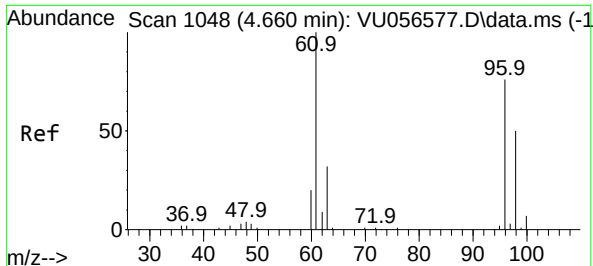
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.272 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.006 min

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Instrument :

MSVOA_U

ClientSampleId :

C0QK8

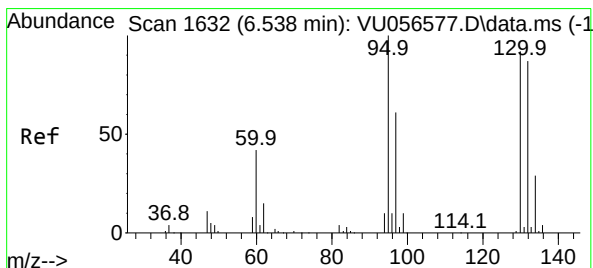
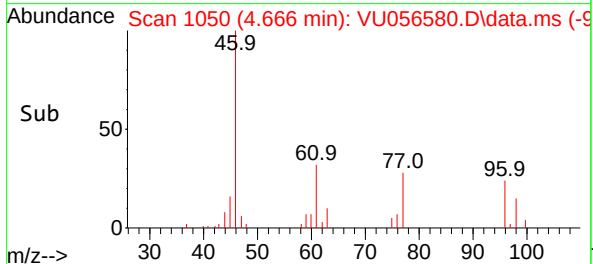
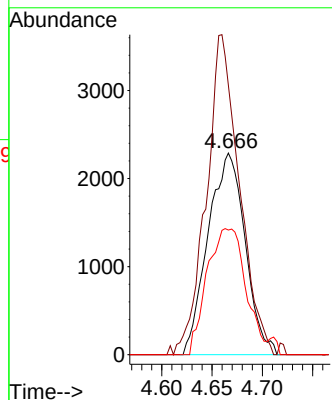
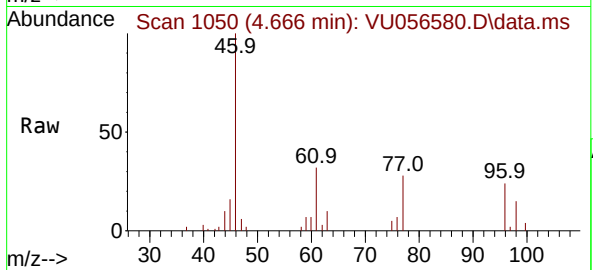
Tgt Ion: 96 Resp: 5873

Ion Ratio Lower Upper

96 100

61 133.8 93.2 173.2

98 61.8 44.8 83.2



#34

Trichloroethene

Concen: 6.788 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. -0.003 min

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Tgt Ion: 95 Resp: 164073

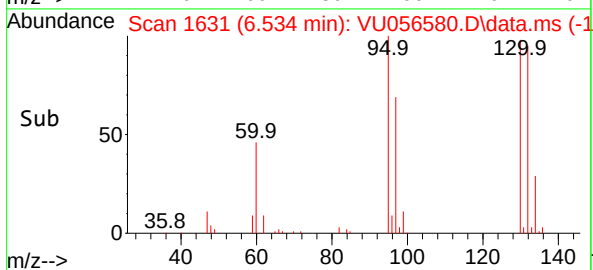
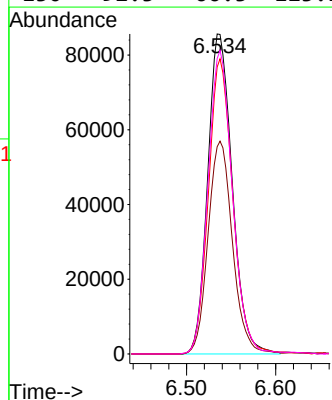
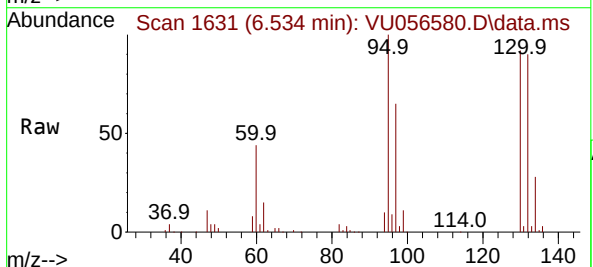
Ion Ratio Lower Upper

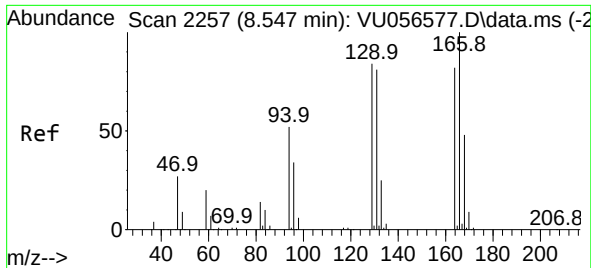
95 100

97 64.7 46.5 86.3

132 89.6 62.0 115.2

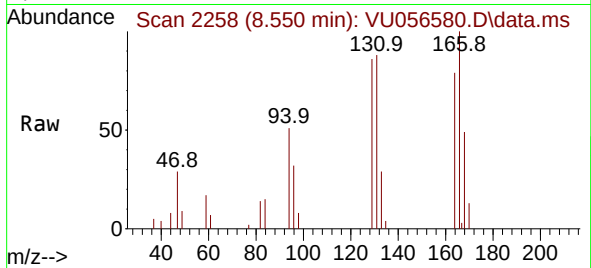
130 92.3 66.3 123.1





#47
 Tetrachloroethene
 Concen: 0.395 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.003 min
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Tgt Ion:	164	Resp:	6436
Ion	Ratio	Lower	Upper
164	100		
129	108.8	71.0	131.9
131	112.4	70.3	130.7
166	127.1	89.8	166.8

