

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
 Data File : VU056988.D
 Acq On : 18 Dec 2023 13:02
 Operator : MD/SY
 Sample : 05890-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGR39

Quant Time: Dec 18 14:31:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

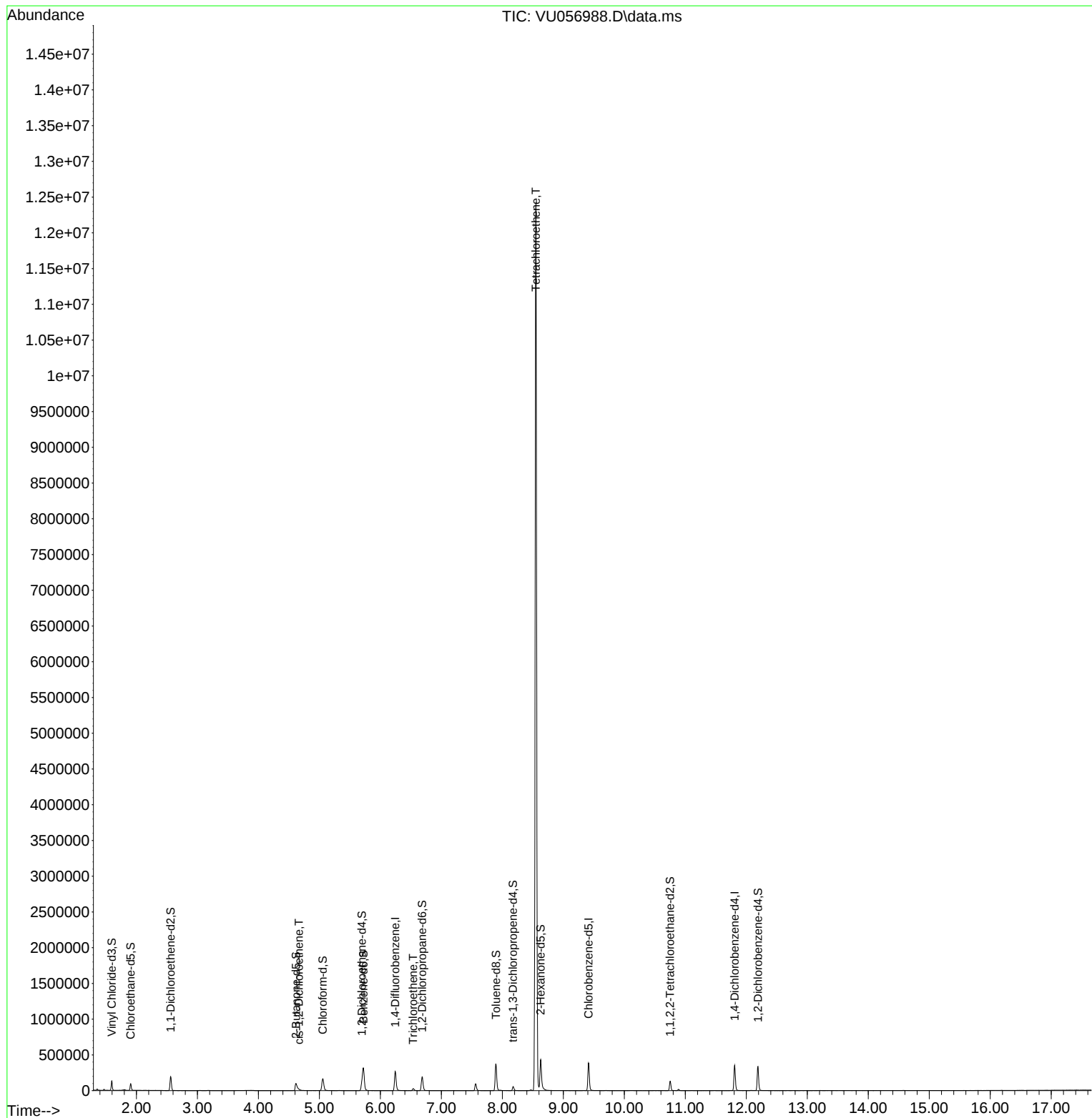
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	214791	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	225117	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	96478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	88507	4.807	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.904	69	71779	5.210	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	104.200%	
11) 1,1-Dichloroethene-d2	2.560	65	37727	4.789	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	95.800%	
20) 2-Butanone-d5	4.615	46	149372	41.082	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	82.160%	
24) Chloroform-d	5.055	84	162693	4.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.400%	
26) 1,2-Dichloroethane-d4	5.695	65	77421	4.693	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.721	84	307096	4.398	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.000%	
36) 1,2-Dichloropropane-d6	6.685	67	95474	4.369	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.400%	
41) Toluene-d8	7.894	98	259453	4.157	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.200%	
43) trans-1,3-Dichloroprop...	8.174	79	35292	4.164	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.200%	
46) 2-Hexanone-d5	8.628	63	145069	45.382	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.760%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	68344	4.322	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	86.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	88832	4.684	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	4.663	96	4301	0.224	ug/L	87
34) Trichloroethene	6.538	95	10556	0.486	ug/L	91
47) Tetrachloroethene	8.550	164	2650888	174.536	ug/L	98

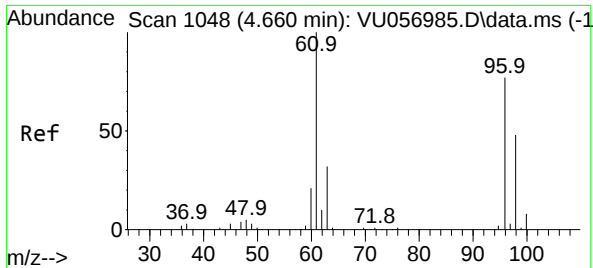
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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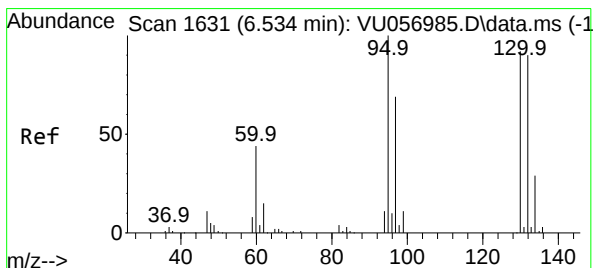
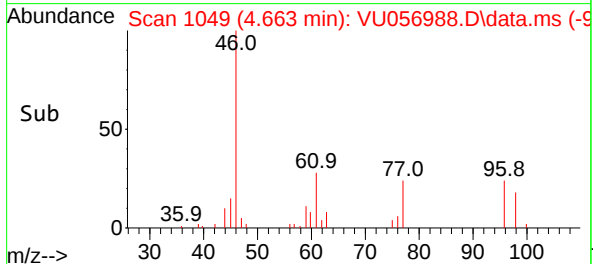
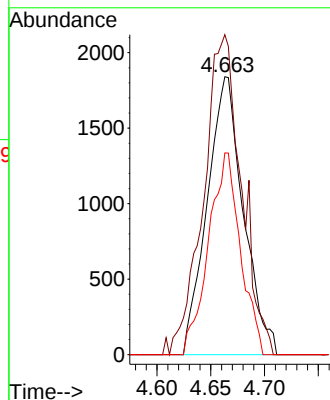
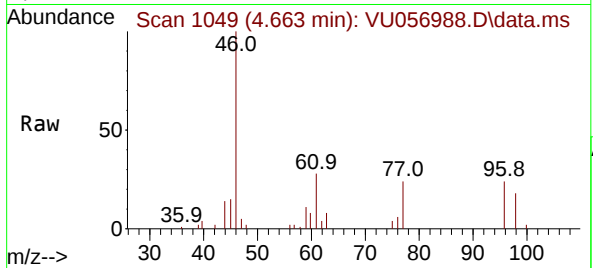




#22
cis-1,2-Dichloroethene
Concen: 0.224 ug/L
RT: 4.663 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU056988.D
Acq: 18 Dec 2023 13:02

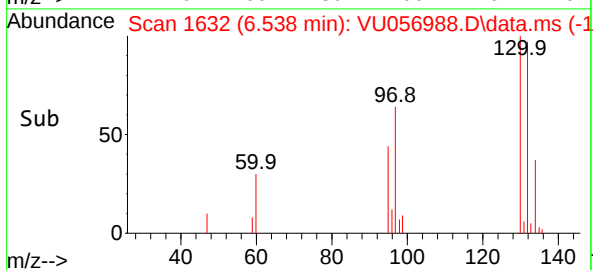
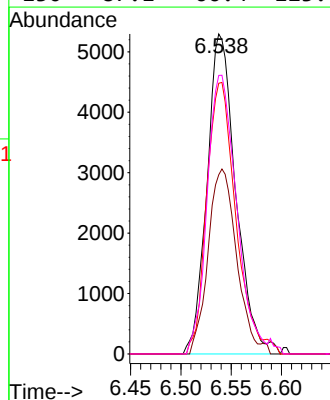
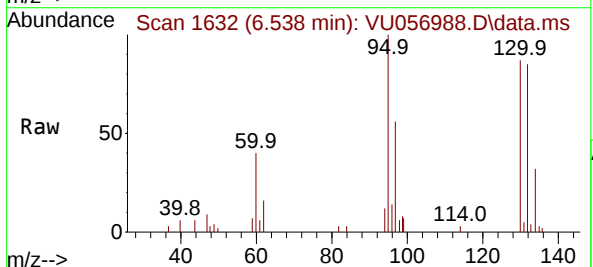
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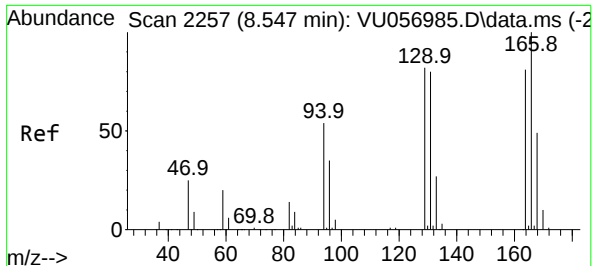
Tgt Ion:	96	Resp:	4301
Ion	Ratio	Lower	Upper
96	100		
61	115.2	91.3	169.6
98	72.6	44.2	82.0



#34
Trichloroethene
Concen: 0.486 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU056988.D
Acq: 18 Dec 2023 13:02

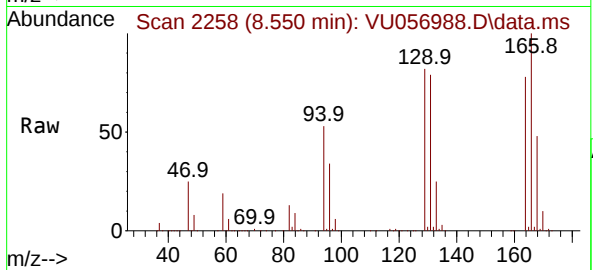
Tgt Ion:	95	Resp:	10556
Ion	Ratio	Lower	Upper
95	100		
97	56.0	46.1	85.5
132	84.6	63.6	118.0
130	87.1	66.4	123.4





#47
 Tetrachloroethene
 Concen: 174.536 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
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Tgt Ion:164 Resp: 2650888

Ion	Ratio	Lower	Upper
164	100		
129	105.5	73.4	136.4
131	100.8	71.5	132.9
166	128.0	92.7	172.1

