

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056966.D
 Acq On : 17 Dec 2023 14:27
 Operator : MD/SY
 Sample : 05842-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C14

Quant Time: Dec 18 01:16:52 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)

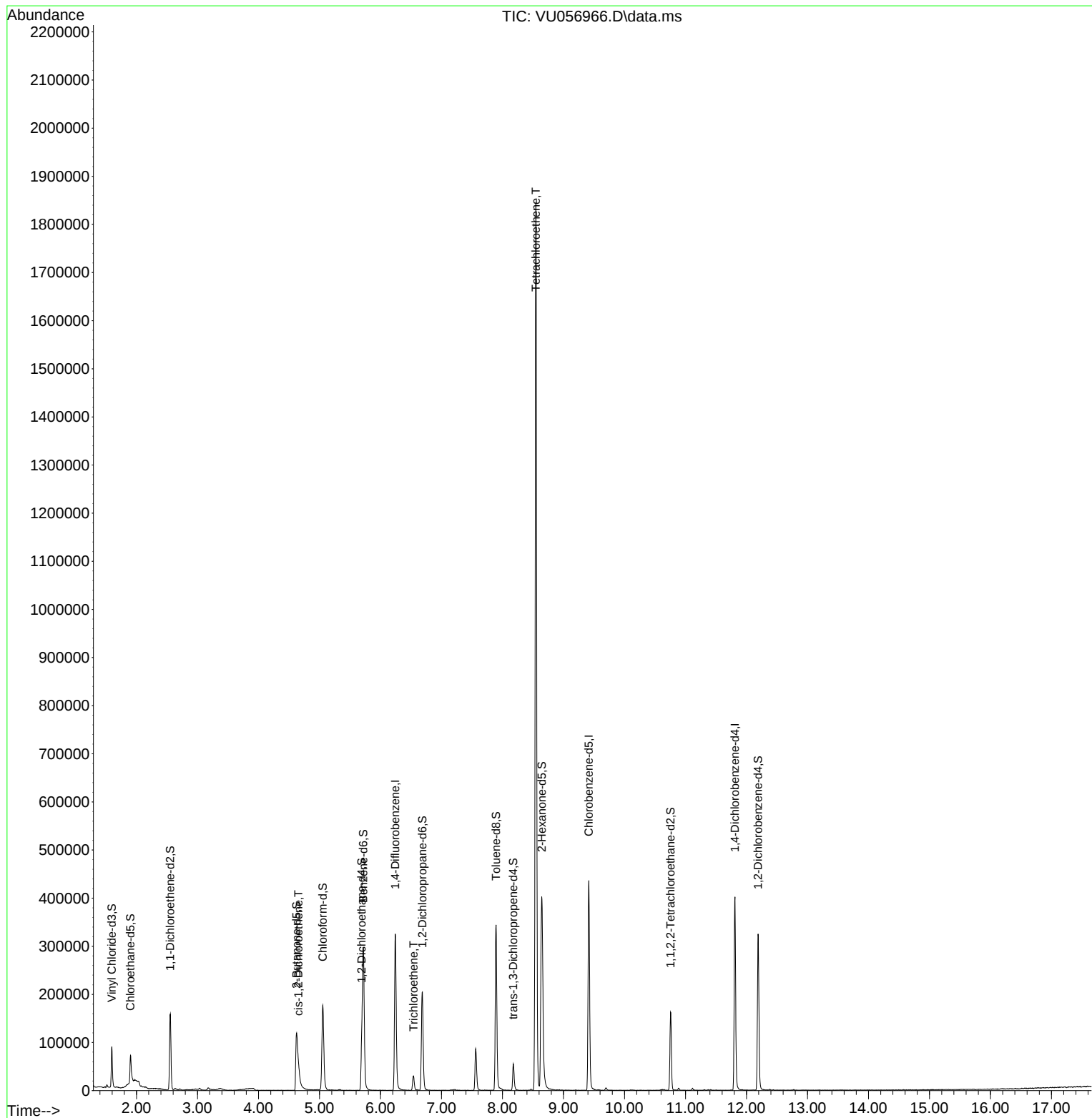
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	264041	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	256515	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	106606	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67808	2.996	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	60.000%	
7) Chloroethane-d5	1.901	69	47988	2.833	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	56.600%#	
11) 1,1-Dichloroethene-d2	2.550	65	31795	3.283	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.600%	
20) 2-Butanone-d5	4.624	46	217652	48.696	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.400%	
24) Chloroform-d	5.052	84	167368	3.905	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
26) 1,2-Dichloroethane-d4	5.692	65	79234	3.907	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
32) Benzene-d6	5.717	84	282016	3.545	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.800%	
36) 1,2-Dichloropropane-d6	6.685	67	103781	4.167	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.894	98	236374	3.324	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	66.400%#	
43) trans-1,3-Dichloroprop...	8.177	79	34371	3.559	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.200%	
46) 2-Hexanone-d5	8.643	63	181215	49.751	ug/L	0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.500%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	84483	4.689	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	93.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	85819	4.095	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	82.000%	
Target Compounds						
22) cis-1,2-Dichloroethene	4.653	96	7040	0.298	ug/L	93
34) Trichloroethene	6.541	95	11140	0.450	ug/L	97
47) Tetrachloroethene	8.547	164	399432	23.080	ug/L	98

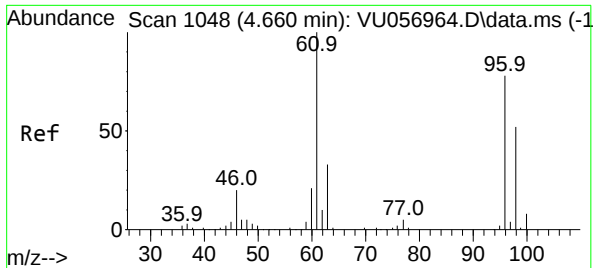
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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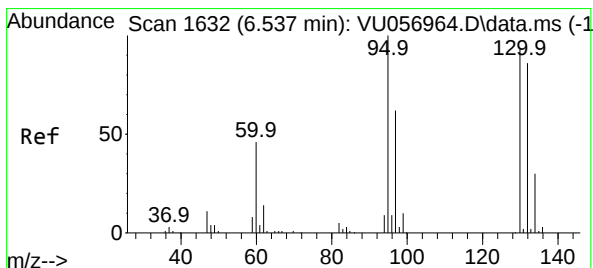
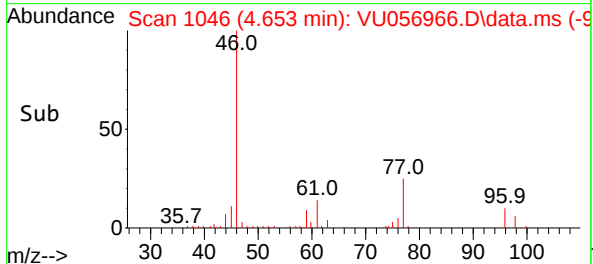
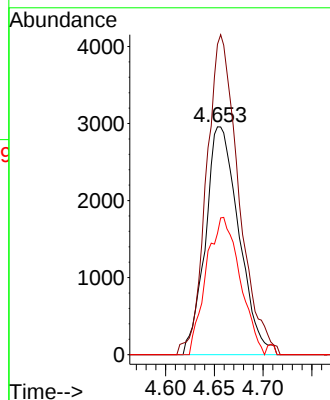
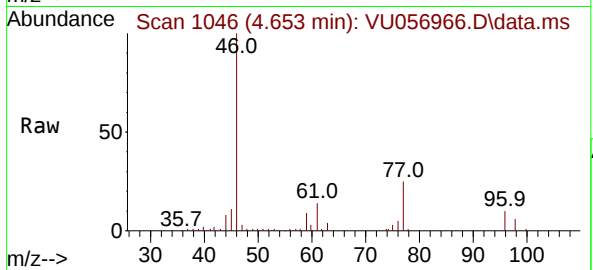




#22
 cis-1,2-Dichloroethene
 Concen: 0.298 ug/L
 RT: 4.653 min Scan# 1046
 Delta R.T. -0.006 min
 Lab File: VU056966.D
 Acq: 17 Dec 2023 14:27

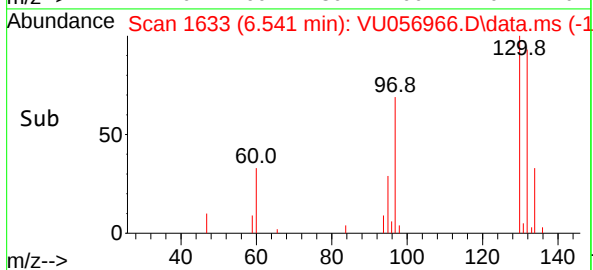
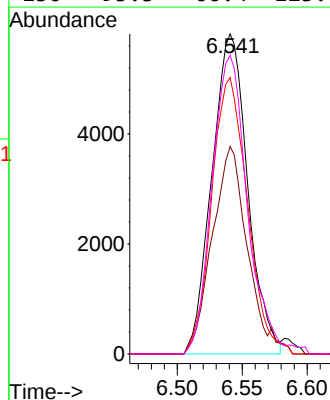
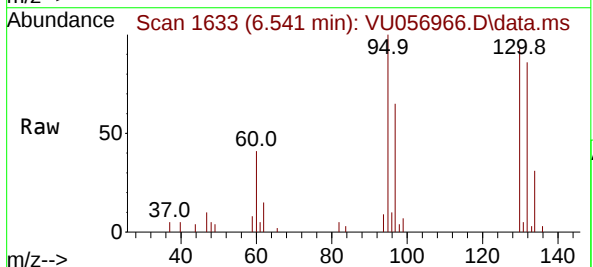
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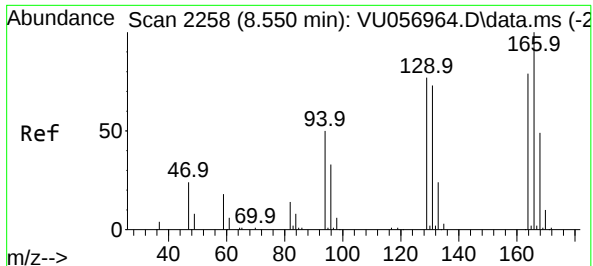
Tgt Ion:	96	Resp:	7040
Ion	Ratio	Lower	Upper
96	100		
61	136.3	91.3	169.6
98	53.2	44.2	82.0



#34
 Trichloroethene
 Concen: 0.450 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU056966.D
 Acq: 17 Dec 2023 14:27

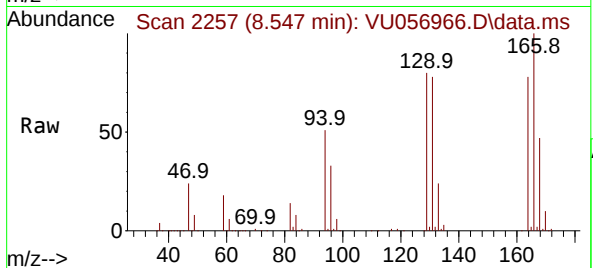
Tgt Ion:	95	Resp:	11140
Ion	Ratio	Lower	Upper
95	100		
97	64.8	46.1	85.5
132	86.3	63.6	118.0
130	93.3	66.4	123.4





#47
Tetrachloroethene
Concen: 23.080 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:	164	Resp:	399432
Ion	Ratio	Lower	Upper
164	100		
129	102.8	73.4	136.4
131	100.8	71.5	132.9
166	128.5	92.7	172.1

