

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062923\
 Data File : VU054703.D
 Acq On : 29 Jun 2023 18:26
 Operator : MD/SY
 Sample : VIBLK168
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VIBLK168

Quant Time: Jun 30 05:20:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 23 23:55:46 2023
 Response via : Initial Calibration

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

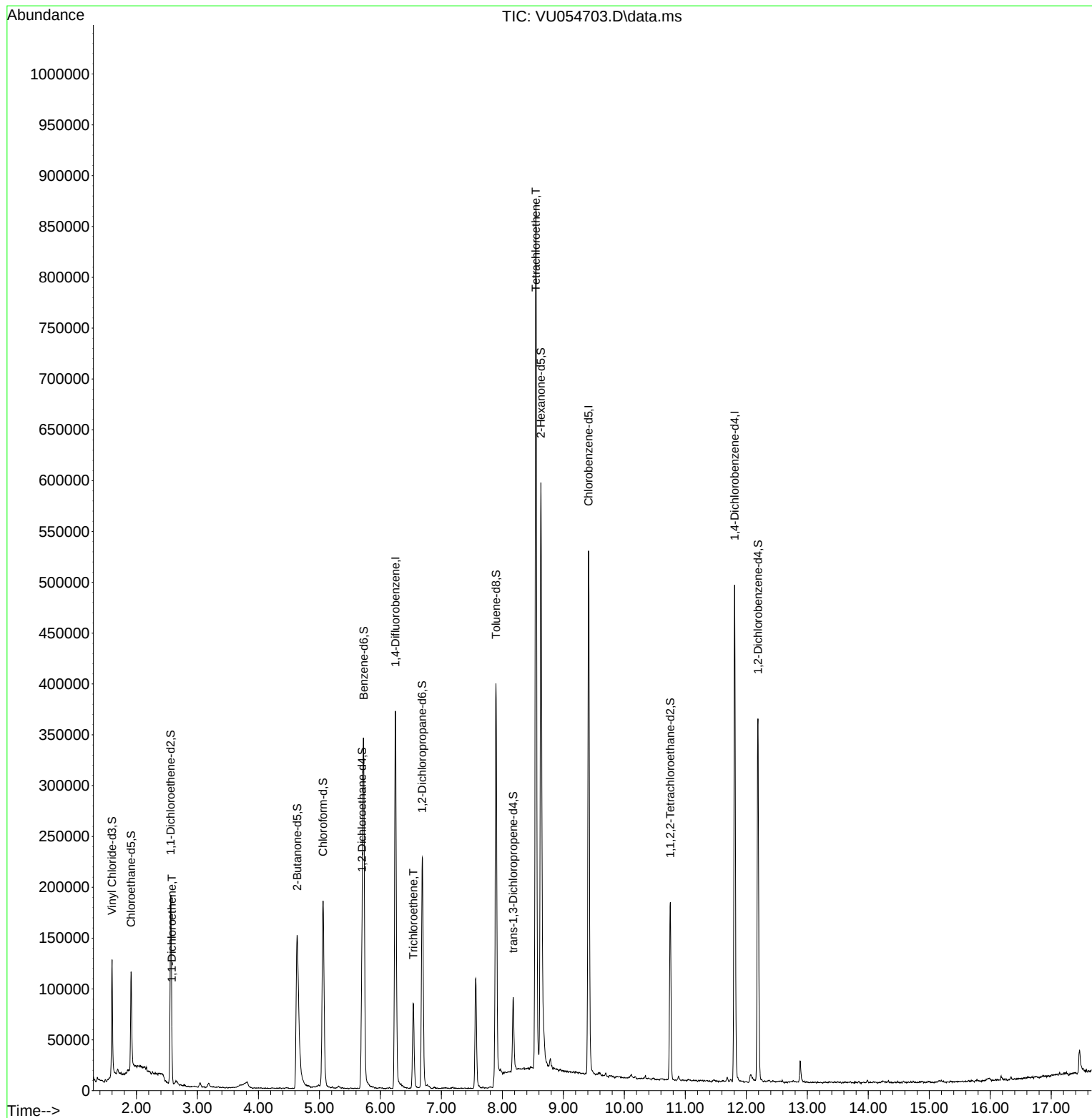
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	292626	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	284719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124472	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	84408	4.532	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.911	69	78150	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.560	65	35970	4.325	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.634	46	290010	55.388	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.780%
24) Chloroform-d	5.059	84	164027	4.214	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.698	65	89130	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.724	84	314993	3.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.600%
36) 1,2-Dichloropropane-d6	6.685	67	114177	4.320	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.894	98	256439	3.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.000%
43) trans-1,3-Dichloroprop...	8.177	79	40732	4.431	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.631	63	188200	48.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91541	4.644	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	90770	4.323	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.400%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.580	96	2586	0.122	ug/L	# 1
34) Trichloroethene	6.541	95	29149	1.077	ug/L	98
47) Tetrachloroethene	8.550	164	188387	9.095	ug/L	99

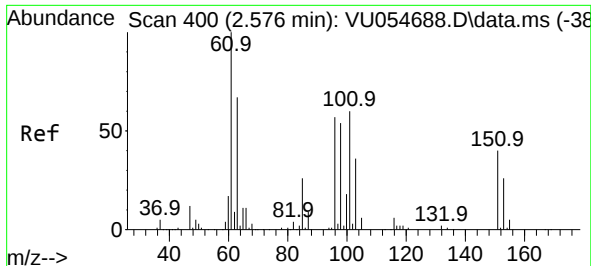
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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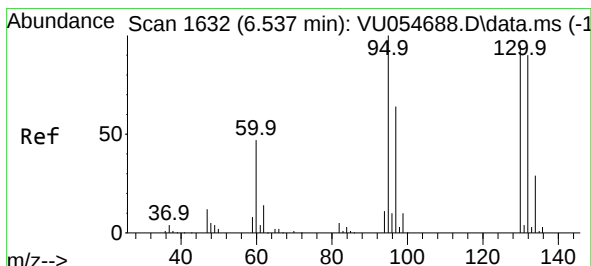
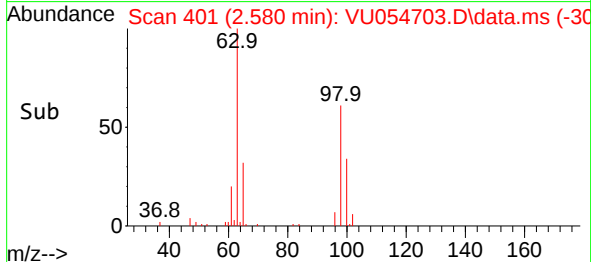
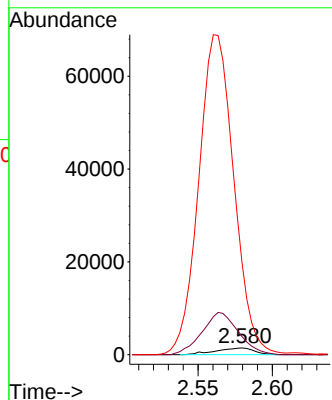
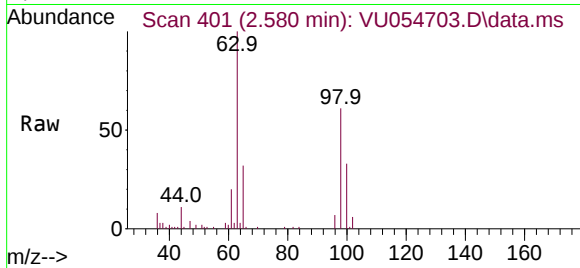




#12
1,1-Dichloroethene
Concen: 0.122 ug/L
RT: 2.580 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU054703.D
Acq: 29 Jun 2023 18:26

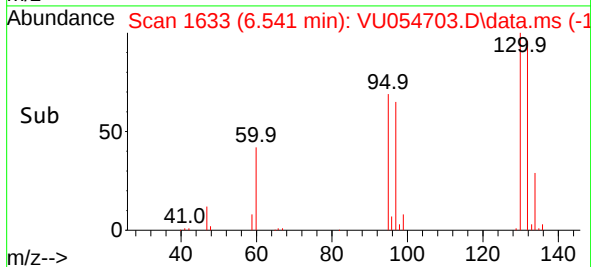
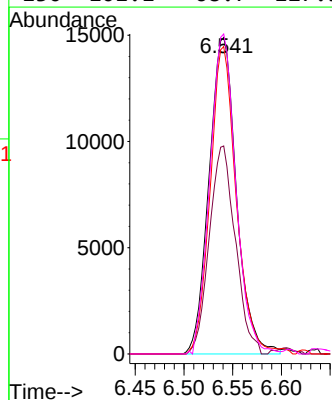
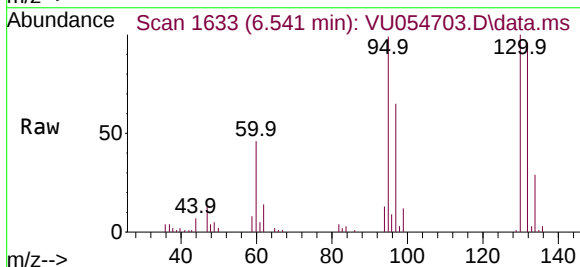
Instrument :
MSVOA_U
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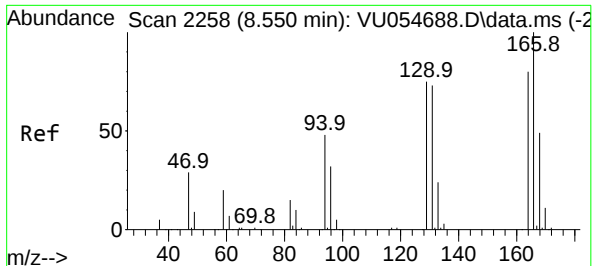
Tgt Ion: 96 Resp: 2586
Ion Ratio Lower Upper
96 100
61 268.2 119.9 222.7#
63 1358.3 64.3 119.3#



#34
Trichloroethene
Concen: 1.077 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU054703.D
Acq: 29 Jun 2023 18:26

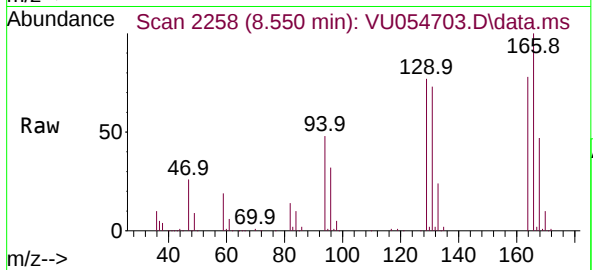
Tgt Ion: 95 Resp: 29149
Ion Ratio Lower Upper
95 100
97 65.7 46.8 87.0
132 97.1 68.4 127.0
130 101.1 68.7 127.5





#47
 Tetrachloroethene
 Concen: 9.095 ug/L
 RT: 8.550 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU054703.D
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Tgt Ion:164 Resp: 188387

Ion	Ratio	Lower	Upper
164	100		
129	98.7	67.7	125.7
131	92.9	64.6	120.0
166	127.4	88.1	163.7

