

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU054996.D
 Acq On : 30 Aug 2023 14:02
 Operator : MD/SY
 Sample : 04173-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Aug 31 02:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

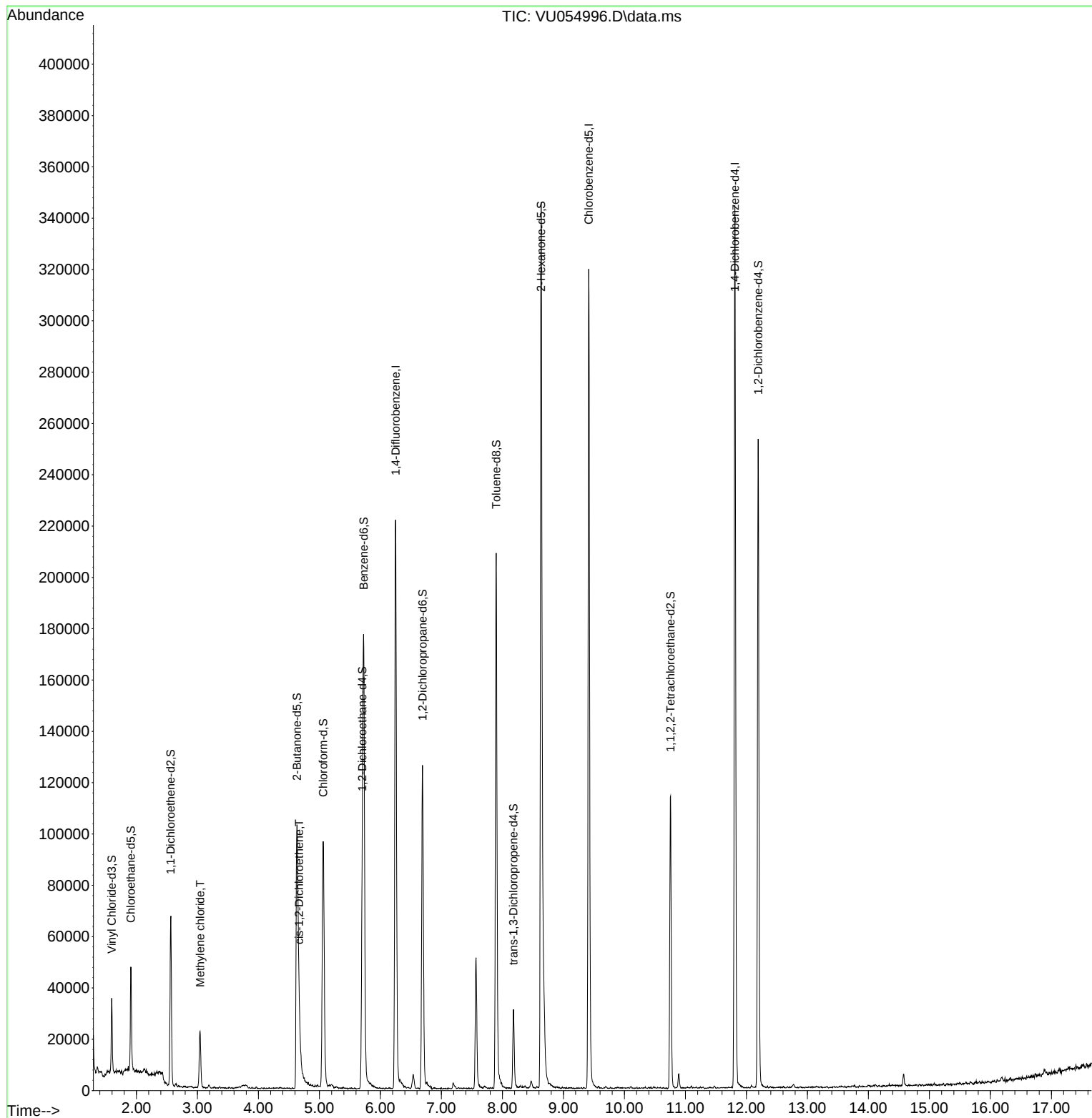
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	179618	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171533	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20433	3.604	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.908	69	28130	3.841	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.800%
11) 1,1-Dichloroethene-d2	2.560	65	12453	3.887	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.800%
20) 2-Butanone-d5	4.631	46	176477	57.670	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.340%
24) Chloroform-d	5.062	84	89638	4.262	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.702	65	52012	4.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.724	84	159528	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.689	67	60242	4.442	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.800%
41) Toluene-d8	7.898	98	144329	3.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.181	79	17226	3.860	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.634	63	116494	54.996	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.000%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55230	4.749	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	63101	4.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.200%
Target Compounds						Qvalue
16) Methylene chloride	3.043	84	9694	0.778	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	3978	0.376	ug/L	91

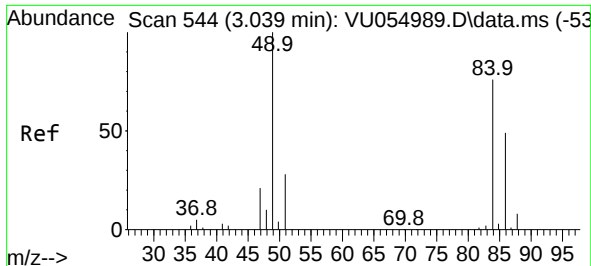
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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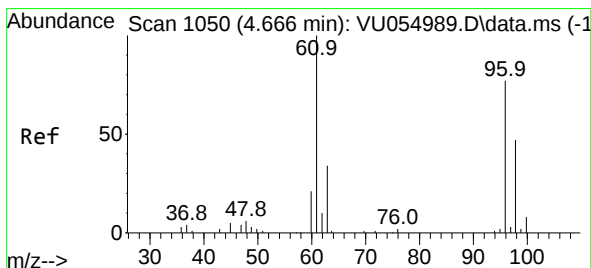
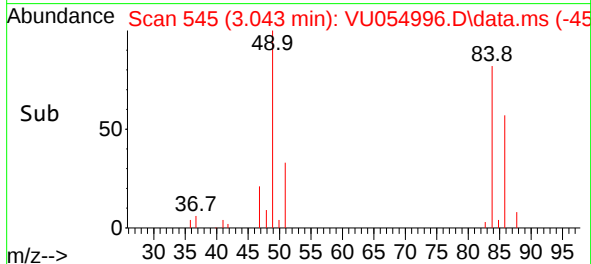
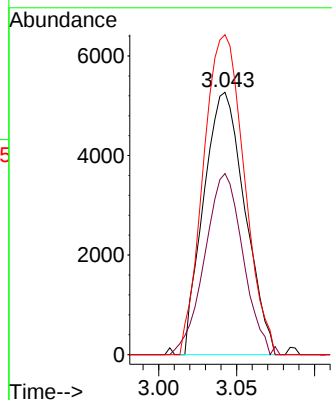
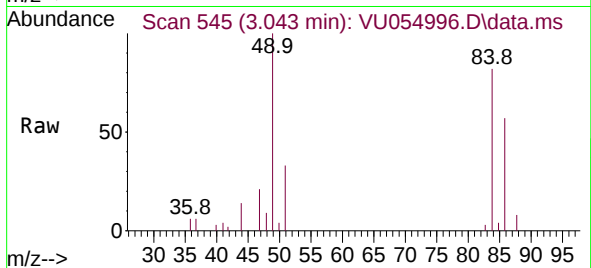




#16
Methylene chloride
Concen: 0.778 ug/L
RT: 3.043 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU054996.D
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Tgt Ion: 84 Resp: 9694
Ion Ratio Lower Upper
84 100
86 69.0 45.1 83.7
49 122.0 89.5 166.3



#22
cis-1,2-Dichloroethene
Concen: 0.376 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VU054996.D
Acq: 30 Aug 2023 14:02

Tgt Ion: 96 Resp: 3978
Ion Ratio Lower Upper
96 100
61 118.0 88.4 164.2
98 52.4 44.0 81.6

