

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
 Data File : VU053553.D
 Acq On : 04 Apr 2023 11:46
 Operator : JC/MD
 Sample : 02158-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PMW-10(20230329)

Quant Time: Apr 04 12:06:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:51:17 2023
 Response via : Initial Calibration

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

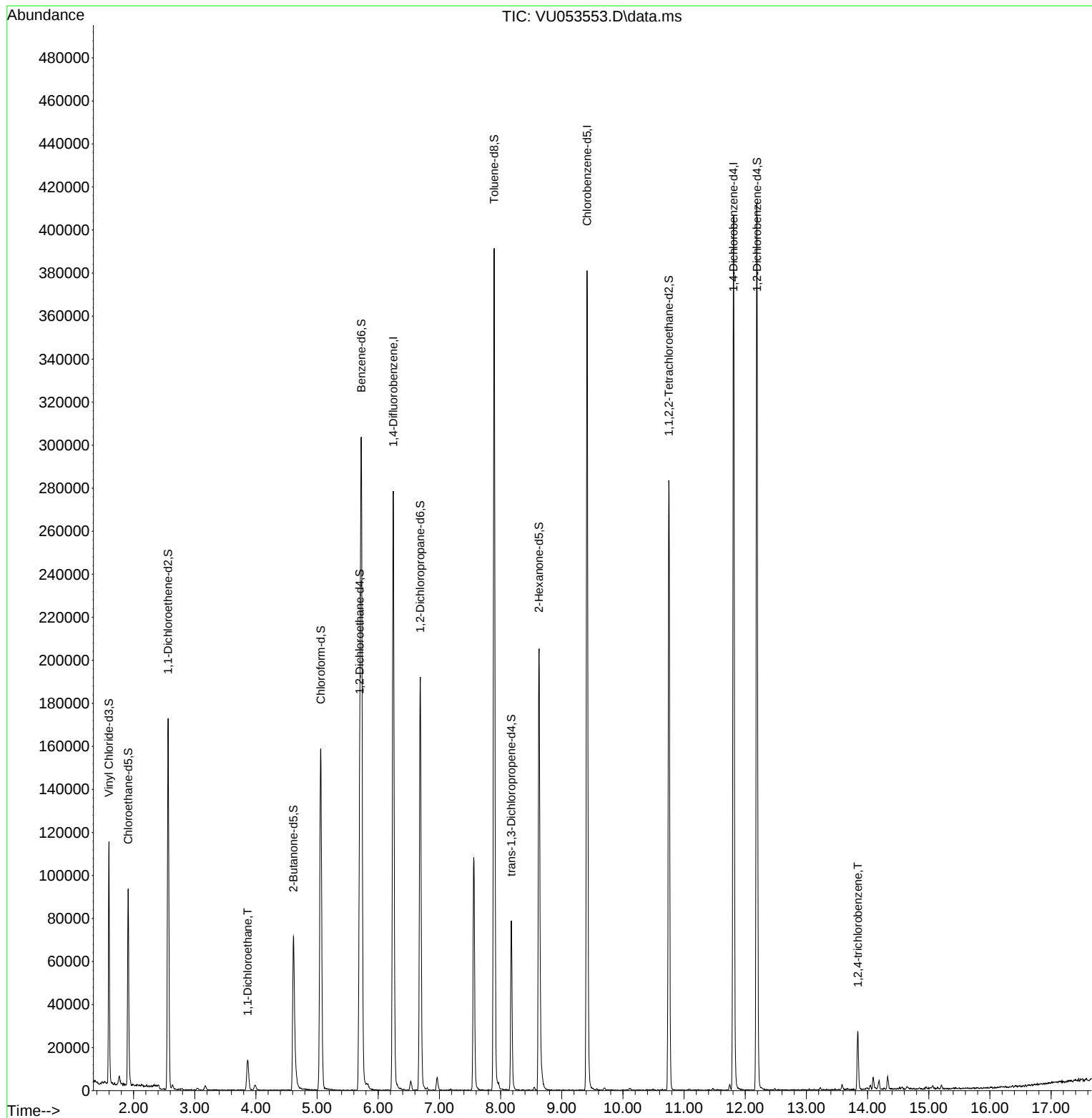
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238835	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	220197	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	114470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	78081	41.985	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.980%
7) Chloroethane-d5	1.912	69	68886	48.041	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.080%
11) 1,1-Dichloroethene-d2	2.565	63	97569	33.893	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.780%
21) 2-Butanone-d5	4.613	46	99859	118.598	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.600%
24) Chloroform-d	5.060	84	143512	46.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.320%
26) 1,2-Dichloroethane-d4	5.697	65	92208	50.736	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.480%
32) Benzene-d6	5.723	84	294398	49.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.060%
36) 1,2-Dichloropropane-d6	6.687	67	92929	51.152	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.300%
41) Toluene-d8	7.896	98	278077	47.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.140%
43) trans-1,3-Dichloroprop...	8.176	79	44918	47.898	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.800%
47) 2-Hexanone-d5	8.626	63	75683	122.064	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	133859	52.277	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.560%
66) 1,2-Dichlorobenzene-d4	12.192	152	109722	45.920	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.840%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.864	63	16235	6.654	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	9323	3.840	ug/L	99

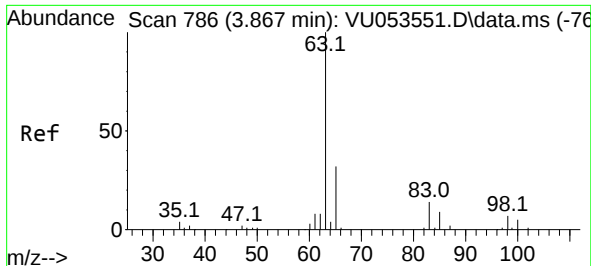
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#19

1,1-Dichloroethane

Concen: 6.654 ug/L

RT: 3.864 min Scan# 71

Delta R.T. 0.000 min

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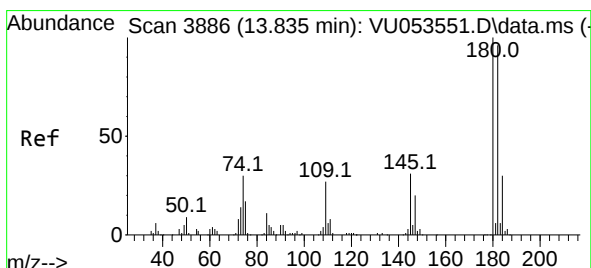
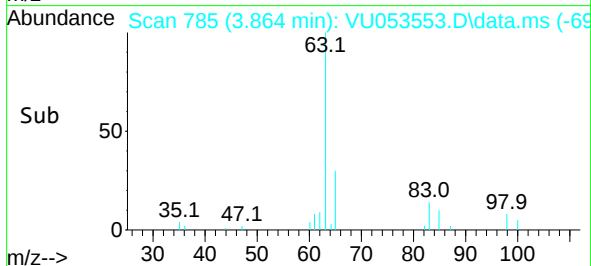
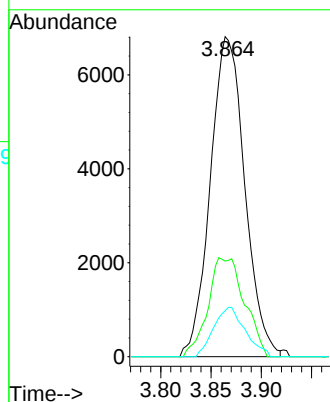
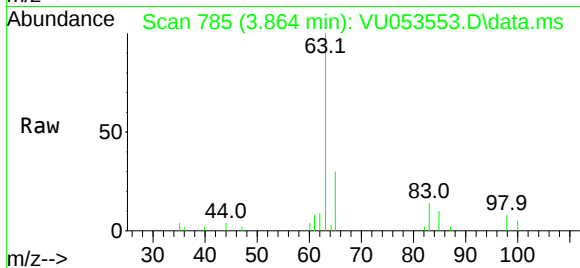
Tgt Ion: 63 Resp: 16235

Ion Ratio Lower Upper

63 100

65 29.8 22.0 41.0

83 14.3 10.8 20.0



#70

1,2,4-trichlorobenzene

Concen: 3.840 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.006 min

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Tgt Ion:180 Resp: 9323

Ion Ratio Lower Upper

180 100

182 95.4 75.8 113.8

145 28.3 23.4 35.2

