

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055882.D
 Acq On : 25 Oct 2023 16:21
 Operator : MD/SY
 Sample : 04952-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOAR3

Quant Time: Oct 26 01:54:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

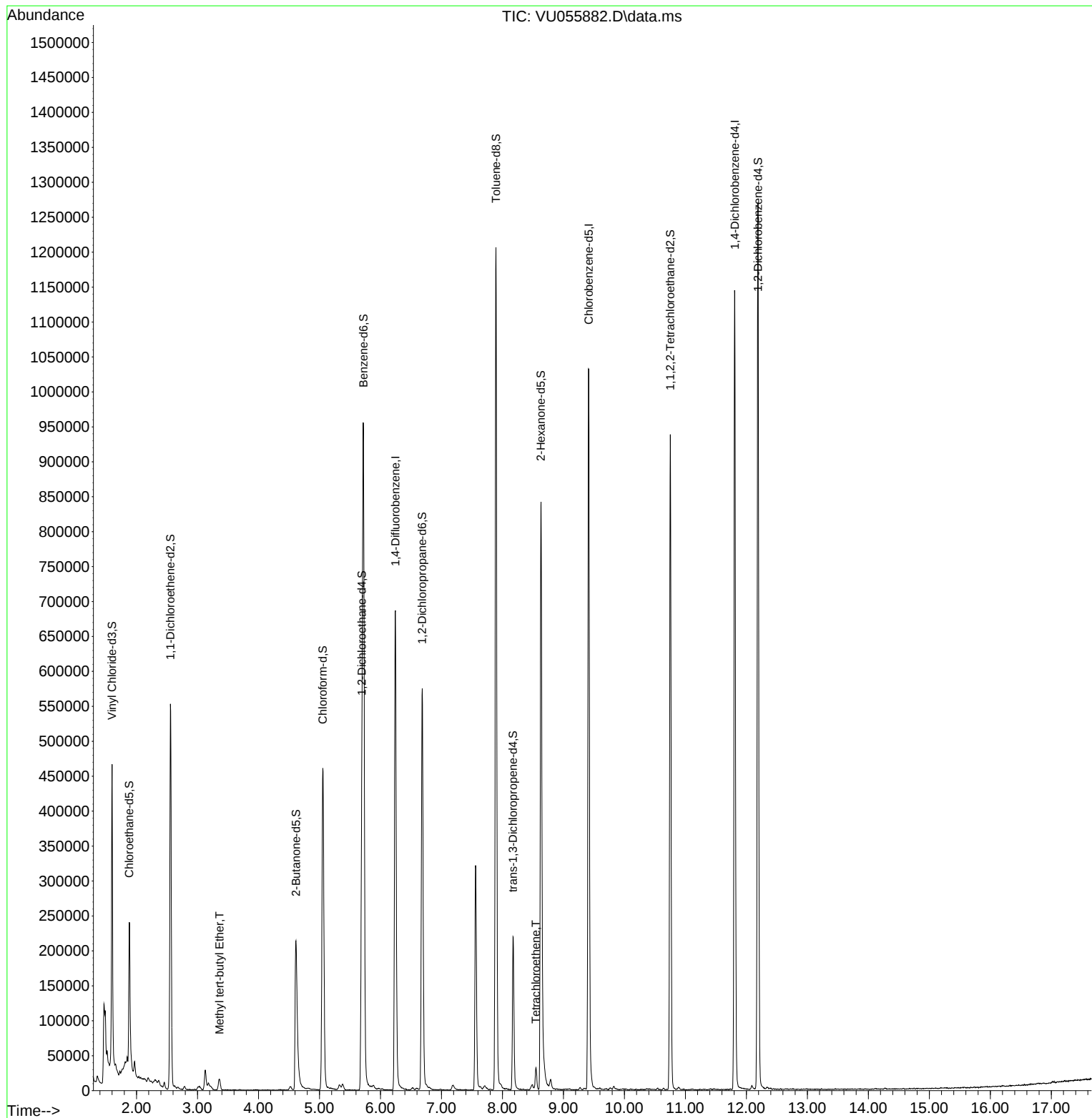
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	572809	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	587979	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	309951	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	247108	48.095	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.200%
7) Chloroethane-d5	1.882	69	194198	46.240	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.480%
11) 1,1-Dichloroethene-d2	2.557	63	332448	36.289	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.580%
21) 2-Butanone-d5	4.615	46	327603	86.051	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.050%
24) Chloroform-d	5.055	84	442463	44.921	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.840%
26) 1,2-Dichloroethane-d4	5.695	65	283675	46.790	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
32) Benzene-d6	5.721	84	913439	48.554	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.100%
36) 1,2-Dichloropropane-d6	6.685	67	281872	47.328	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.660%
41) Toluene-d8	7.894	98	809168	47.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.260%
43) trans-1,3-Dichloroprop...	8.174	79	129114	45.130	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.260%
47) 2-Hexanone-d5	8.631	63	316778	135.298	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	135.300%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	465914	50.824	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.640%
66) 1,2-Dichlorobenzene-d4	12.190	152	336105	54.644	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.280%
Target Compounds						
18) Methyl tert-butyl Ether	3.361	73	17284	1.294	ug/L #	90
46) Tetrachloroethene	8.547	164	7245	1.990	ug/L	95

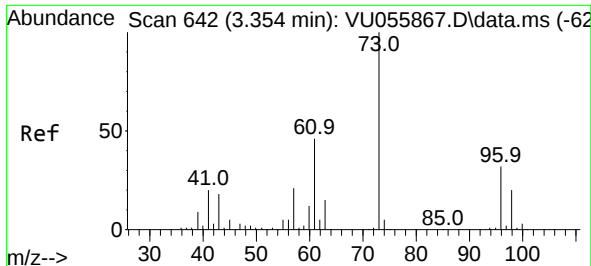
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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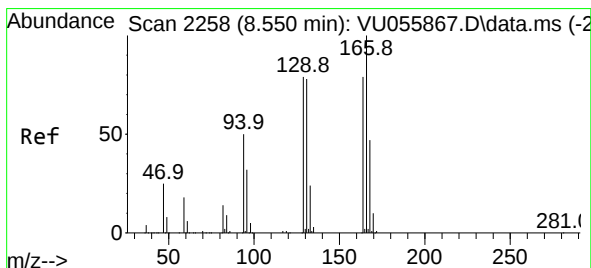
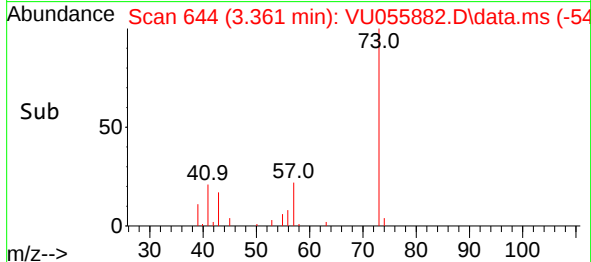
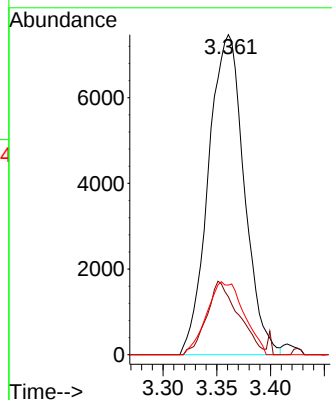
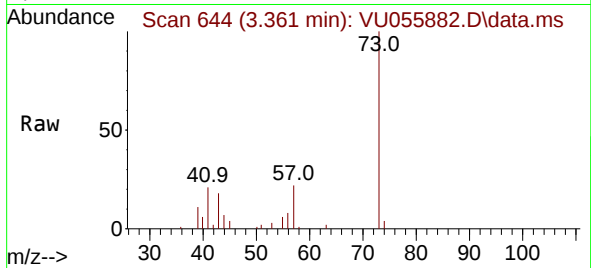




#18
Methyl tert-butyl Ether
Concen: 1.294 ug/L
RT: 3.361 min Scan# 642
Delta R.T. 0.006 min
Lab File: VU055882.D
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Tgt Ion: 73 Resp: 17284
Ion Ratio Lower Upper
73 100
43 20.6 15.4 23.2
57 14.1 17.7 26.5#



#46
Tetrachloroethene
Concen: 1.990 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU055882.D
Acq: 25 Oct 2023 16:21

Tgt Ion: 164 Resp: 7245
Ion Ratio Lower Upper
164 100
129 92.2 70.7 131.3
131 100.3 65.9 122.5
166 124.0 87.8 163.0

