

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045093.D
 Acq On : 04 Oct 2021 14:02
 Operator : SY/MD
 Sample : M3996-01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A12

Quant Time: Oct 05 02:44:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 05 02:41:56 2021
 Response via : Initial Calibration

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

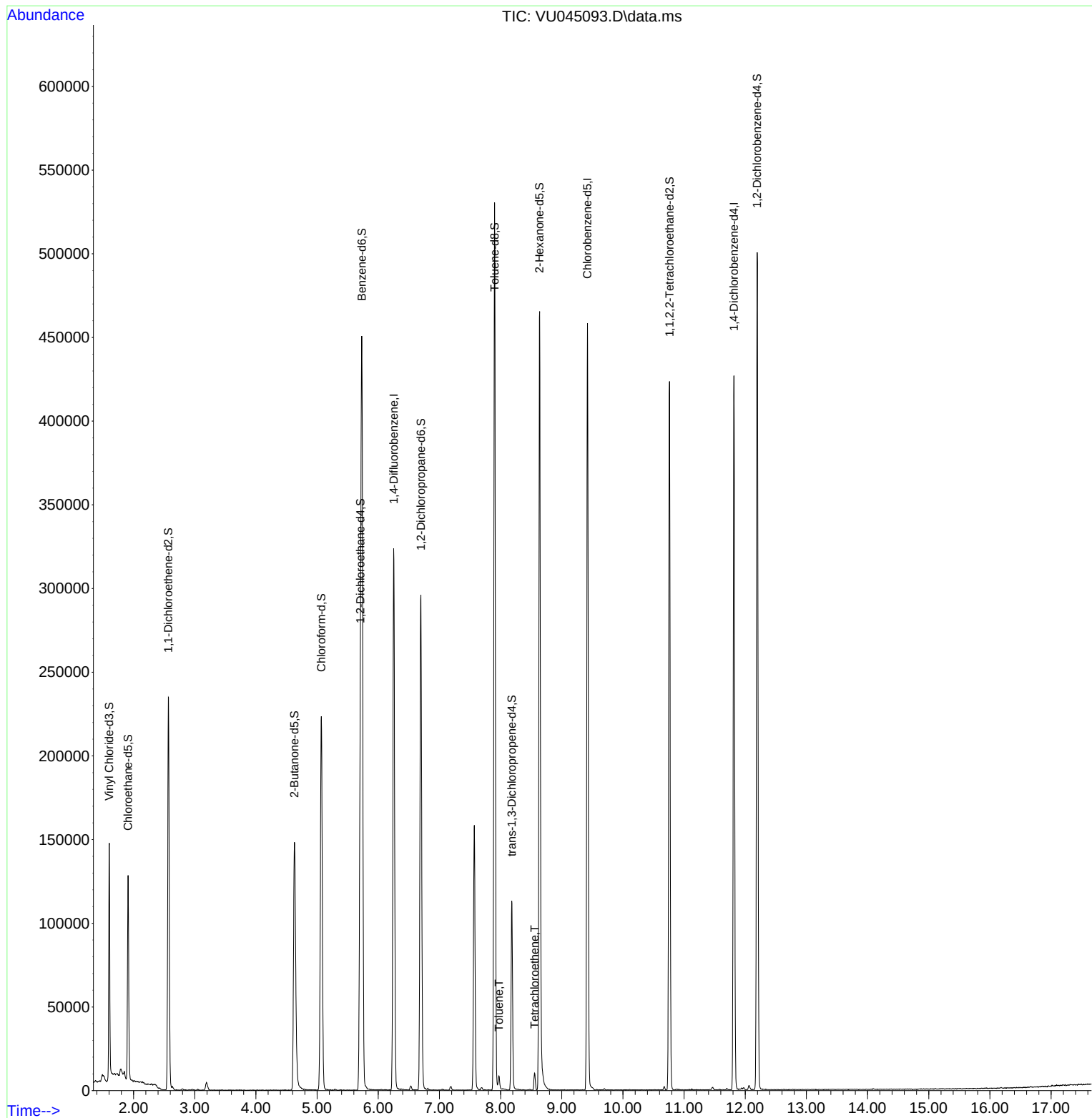
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	250905	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	236908	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	105307	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	98537	35.87	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	71.74%		
7) Chloroethane-d5	1.909	69	91896	42.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.44%		
11) 1,1-Dichloroethene-d2	2.568	63	141170	30.61	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	61.22%		
21) 2-Butanone-d5	4.629	46	222819	102.61	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.61%		
24) Chloroform-d	5.070	84	202280	46.63	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.26%		
26) 1,2-Dichloroethane-d4	5.706	65	145284	49.44	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.88%		
32) Benzene-d6	5.732	84	401922	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.78%		
36) 1,2-Dichloropropane-d6	6.697	67	135111	50.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.82%		
41) Toluene-d8	7.902	98	336788	47.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.94%		
43) trans-1,3-Dichloroprop...	8.182	79	60276	50.55	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	101.10%		
47) 2-Hexanone-d5	8.636	63	163340	109.96	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.96%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	207756	49.77	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	99.54%		
66) 1,2-Dichlorobenzene-d4	12.195	152	123095	53.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.42%		
Target Compounds						
					Qvalue	
42) Toluene	7.973	91	5424	0.61	ug/L	95
46) Tetrachloroethene	8.555	164	2220	1.47	ug/L	92

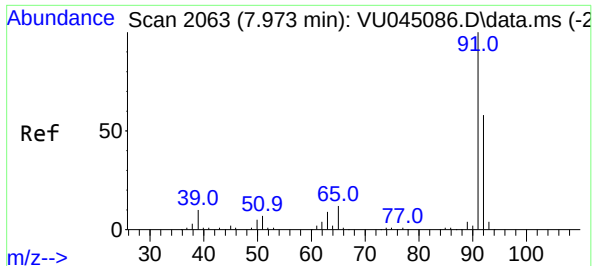
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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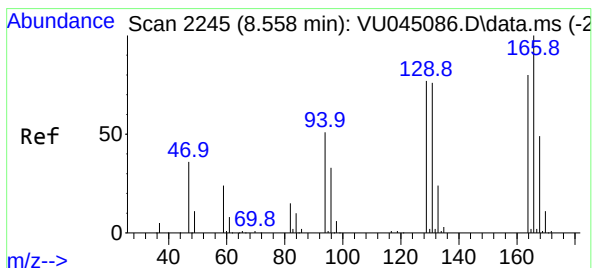
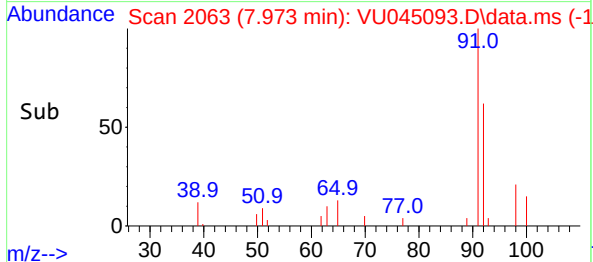
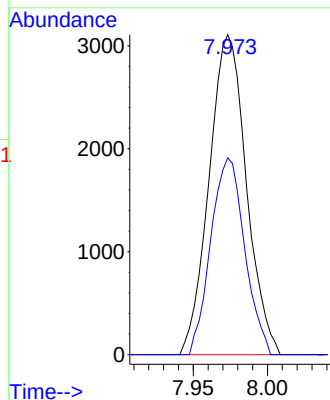
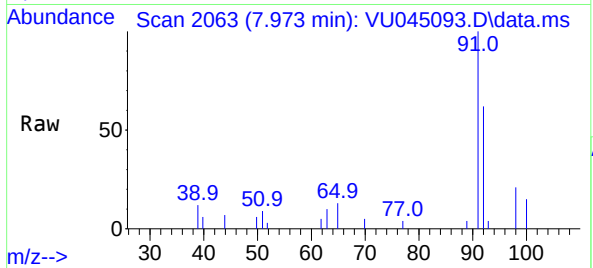




#42
Toluene
Concen: 0.61 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045093.D
Acq: 04 Oct 2021 14:02

Instrument :
MSVOA_U
ClientSampled :
F4A12

Tgt Ion: 91 Resp: 5424
Ion Ratio Lower Upper
91 100
92 61.5 40.5 75.1



#46
Tetrachloroethene
Concen: 1.47 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045093.D
Acq: 04 Oct 2021 14:02

Tgt Ion: 164 Resp: 2220
Ion Ratio Lower Upper
164 100
129 92.3 69.8 129.6
131 94.8 66.4 123.2
166 112.5 91.1 169.3

