

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100421\
 Data File : VU045091.D
 Acq On : 04 Oct 2021 13:15
 Operator : SY/MD
 Sample : M3996-20DL 4X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A41DL

Quant Time: Oct 05 02:44:05 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)

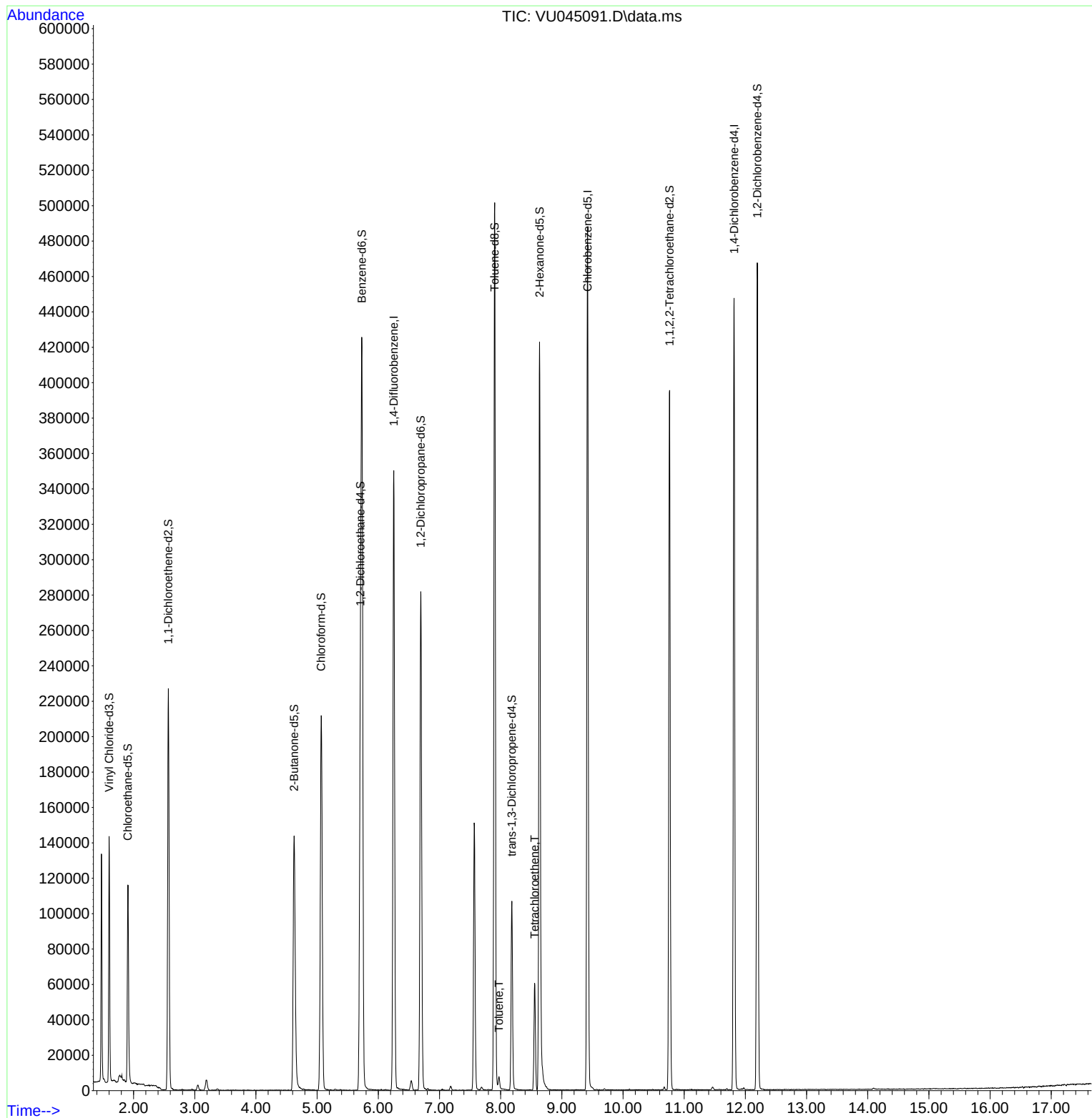
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	265431	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	255336	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	111040	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	95024	32.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.40%
7) Chloroethane-d5	1.906	69	87672	38.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.16%
11) 1,1-Dichloroethene-d2	2.568	63	134268	27.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	55.04%#
21) 2-Butanone-d5	4.623	46	207588	90.37	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.37%
24) Chloroform-d	5.067	84	192808	42.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.02%
26) 1,2-Dichloroethane-d4	5.707	65	135385	43.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.10%
32) Benzene-d6	5.732	84	379263	42.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.62%
36) 1,2-Dichloropropane-d6	6.694	67	126667	43.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.68%
41) Toluene-d8	7.903	98	318460	41.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.30%
43) trans-1,3-Dichloroprop...	8.182	79	56228	43.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.50%
47) 2-Hexanone-d5	8.636	63	147502	92.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.13%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	196736	43.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.46%
66) 1,2-Dichlorobenzene-d4	12.195	152	115708	47.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.76%
Target Compounds						
					Qvalue	
42) Toluene	7.973	91	4675	0.49	ug/L	95
46) Tetrachloroethene	8.555	164	12608	7.75	ug/L	97

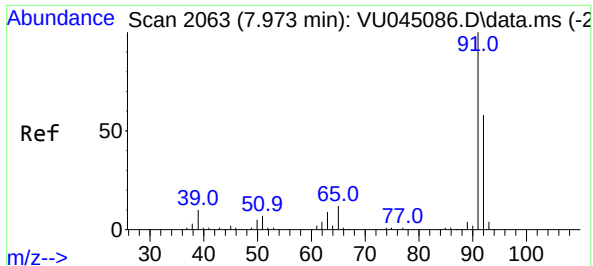
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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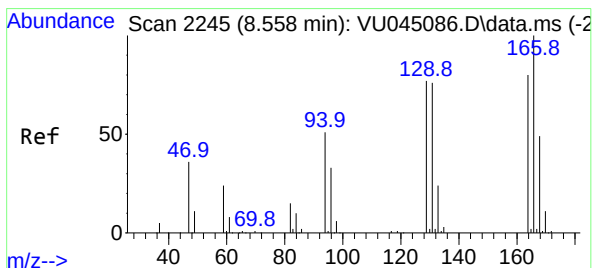
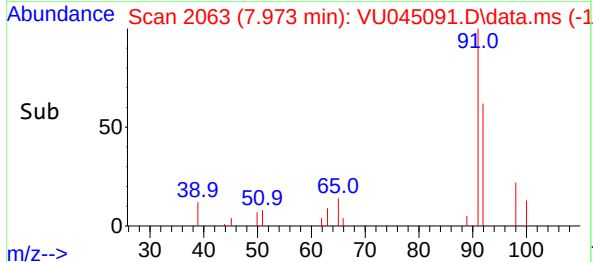
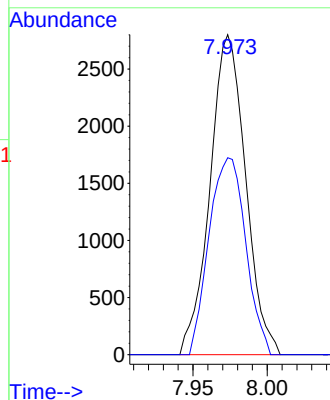
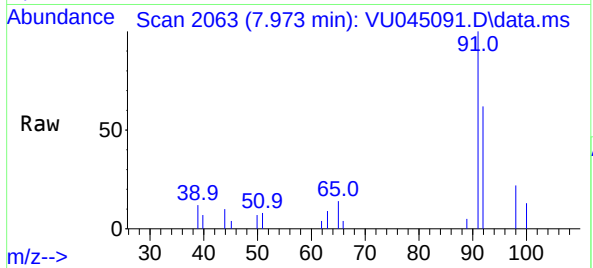




#42
Toluene
Concen: 0.49 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

Instrument :
MSVOA_U
ClientSampled :
F4A41DL

Tgt Ion: 91 Resp: 4675
Ion Ratio Lower Upper
91 100
92 61.5 40.5 75.1



#46
Tetrachloroethene
Concen: 7.75 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045091.D
Acq: 04 Oct 2021 13:15

Tgt Ion: 164 Resp: 12608
Ion Ratio Lower Upper
164 100
129 103.2 69.8 129.6
131 99.9 66.4 123.2
166 127.9 91.1 169.3

