

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100521\
 Data File : VU045169.D
 Acq On : 06 Oct 2021 01:06
 Operator : SY/MD
 Sample : M3996-16
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4A31

Quant Time: Oct 06 04:40:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 06 01:40:56 2021
 Response via : Initial Calibration

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

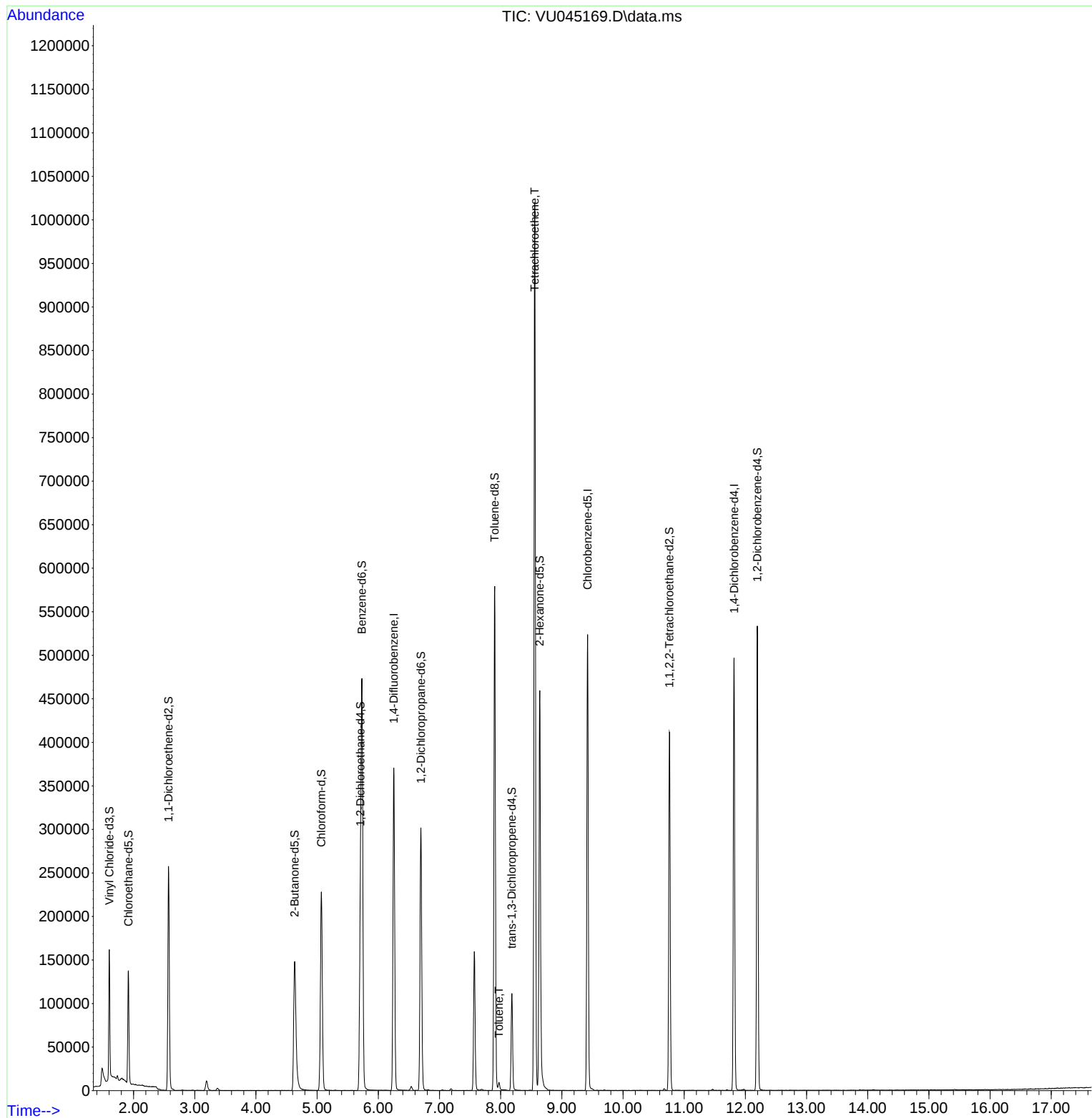
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	291196	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	276855	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	121010	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	103933	32.60	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.20%
7) Chloroethane-d5	1.916	69	97615	38.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.28%
11) 1,1-Dichloroethene-d2	2.572	63	153633	28.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.40%#
21) 2-Butanone-d5	4.633	46	234183	92.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.92%
24) Chloroform-d	5.070	84	206367	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.98%
26) 1,2-Dichloroethane-d4	5.707	65	147693	43.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.62%
32) Benzene-d6	5.732	84	420706	43.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.58%
36) 1,2-Dichloropropane-d6	6.697	67	135642	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.60%
41) Toluene-d8	7.903	98	364365	43.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.90%
43) trans-1,3-Dichloroprop...	8.182	79	60676	43.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.10%
47) 2-Hexanone-d5	8.639	63	162370	93.54	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.54%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	206684	42.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.74%
66) 1,2-Dichlorobenzene-d4	12.195	152	128550	48.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.62%
Target Compounds						
					Qvalue	
42) Toluene	7.973	91	5557	0.53	ug/L	89
46) Tetrachloroethene	8.555	164	213878	121.32	ug/L	98

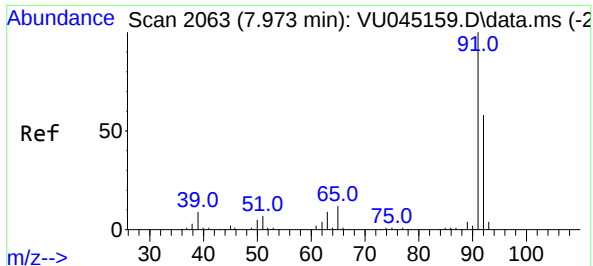
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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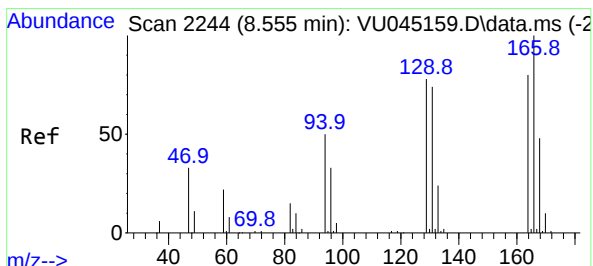
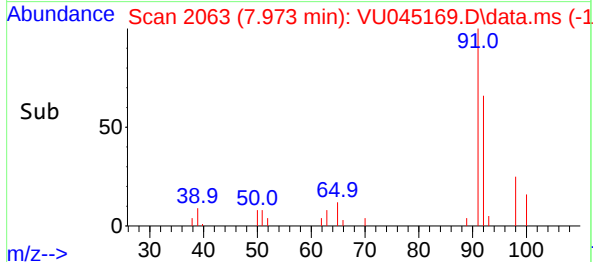
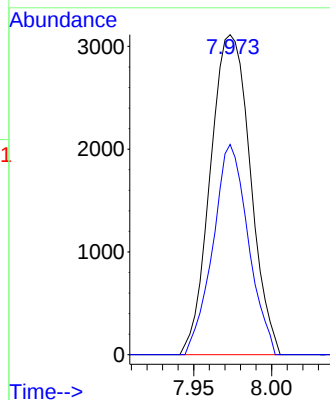
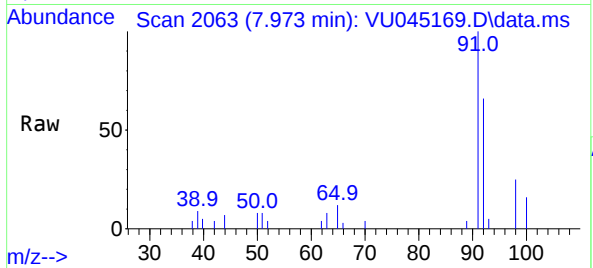




#42
Toluene
Concen: 0.53 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Instrument :
MSVOA_U
ClientSampled :
F4A31

Tgt Ion: 91 Resp: 5557
Ion Ratio Lower Upper
91 100
92 65.7 40.5 75.1



#46
Tetrachloroethene
Concen: 121.32 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU045169.D
Acq: 06 Oct 2021 01:06

Tgt Ion: 164 Resp: 213878
Ion Ratio Lower Upper
164 100
129 98.5 69.8 129.6
131 94.6 66.4 123.2
166 124.9 91.1 169.3

