

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051170.D
 Acq On : 06 Oct 2022 14:34
 Operator : JC/MD
 Sample : N4893-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J41

Quant Time: Oct 07 01:31:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 07 01:29:24 2022
 Response via : Initial Calibration

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

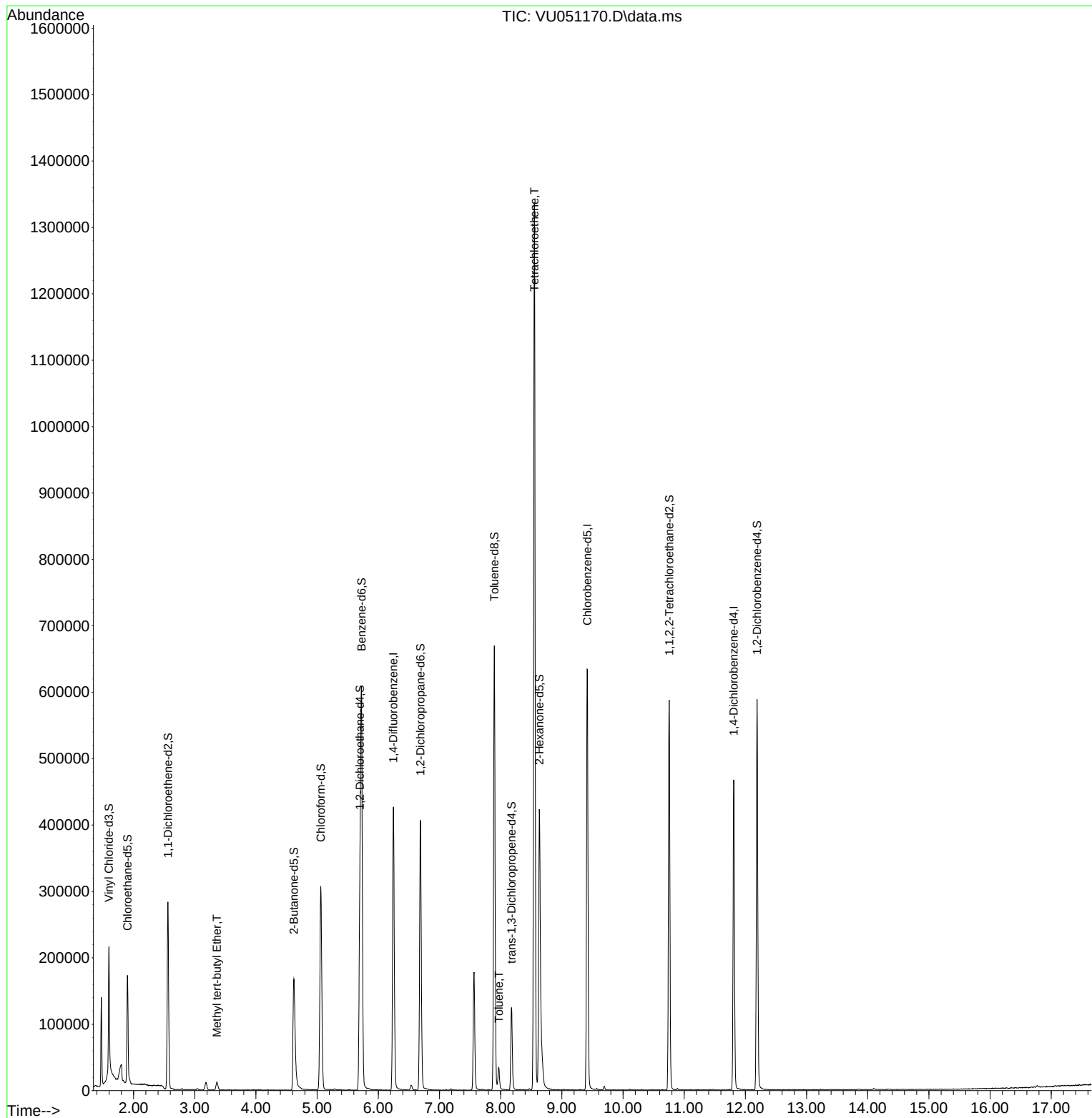
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	342942	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	353285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	121860	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128104	36.859	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	73.720%	
7) Chloroethane-d5	1.900	69	124543	38.576	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	77.160%	
11) 1,1-Dichloroethene-d2	2.562	63	168591	32.839	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.680%	
21) 2-Butanone-d5	4.620	46	236917	105.101	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.100%	
24) Chloroform-d	5.060	84	287970	51.428	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.860%	
26) 1,2-Dichloroethane-d4	5.700	65	192092	55.423	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	110.840%	
32) Benzene-d6	5.726	84	560947	54.221	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.440%	
36) 1,2-Dichloropropane-d6	6.687	67	199251	59.353	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	118.700%	
41) Toluene-d8	7.896	98	445046	46.560	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.120%	
43) trans-1,3-Dichloroprop...	8.176	79	70797	44.215	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	88.420%	
47) 2-Hexanone-d5	8.632	63	122238	90.178	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	90.180%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	307804	52.463	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	104.920%	
66) 1,2-Dichlorobenzene-d4	12.192	152	155719	59.817	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	119.640%	
Target Compounds						
						Qvalue
18) Methyl tert-butyl Ether	3.363	73	11777	1.490	ug/L	95
42) Toluene	7.970	91	23986	2.094	ug/L	99
46) Tetrachloroethene	8.552	164	296201	140.107	ug/L	98

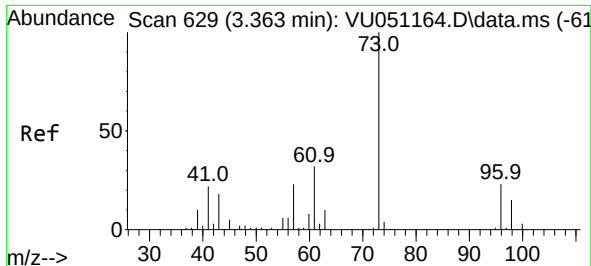
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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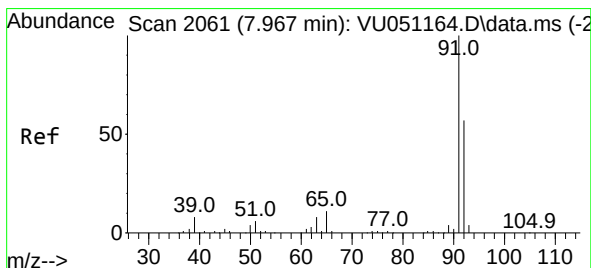
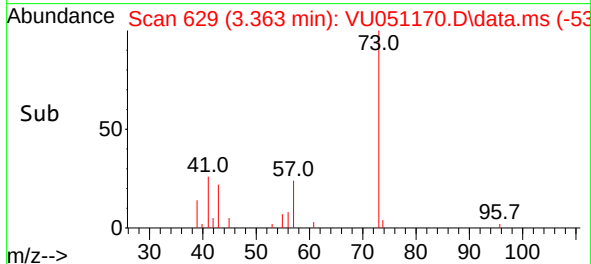
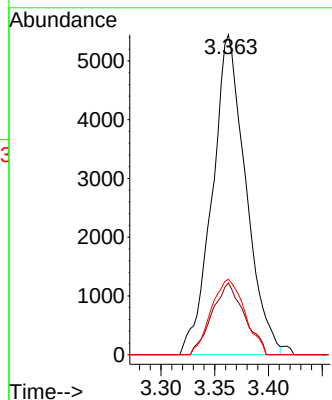
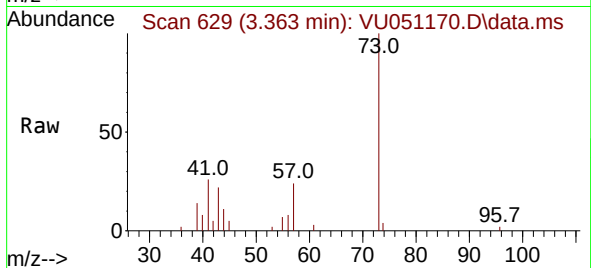




#18
Methyl tert-butyl Ether
Concen: 1.490 ug/L
RT: 3.363 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051170.D
Acq: 06 Oct 2022 14:34

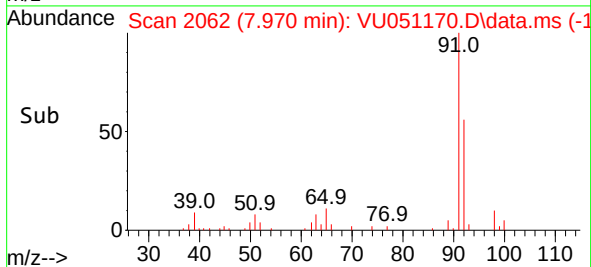
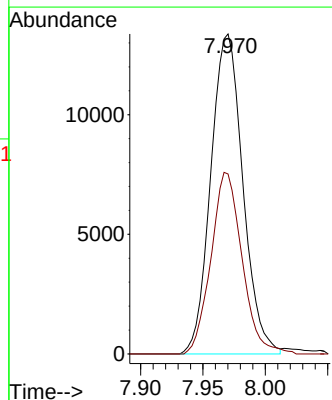
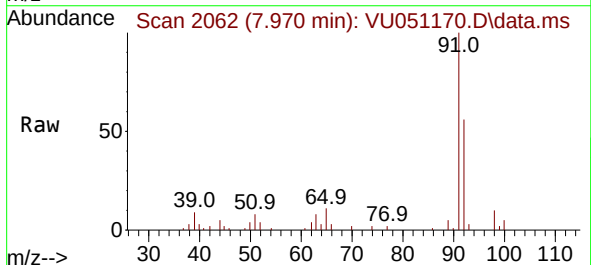
Instrument :
MSVOA_U
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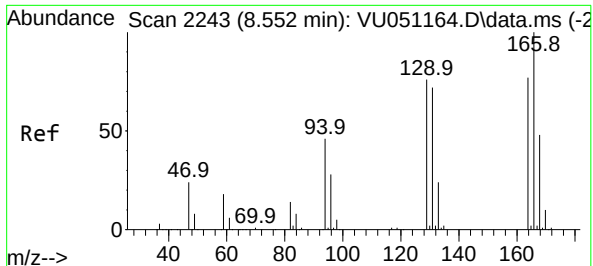
Tgt Ion: 73	Resp: 11777
Ion Ratio	Lower Upper
73 100	
43 21.8	14.7 22.1
57 23.7	17.5 26.3



#42
Toluene
Concen: 2.094 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU051170.D
Acq: 06 Oct 2022 14:34

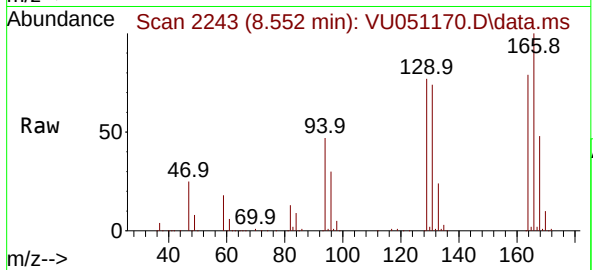
Tgt Ion: 91	Resp: 23986
Ion Ratio	Lower Upper
91 100	
92 56.2	40.1 74.5





#46
 Tetrachloroethene
 Concen: 140.107 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051170.D
 Acq: 06 Oct 2022 14:34

Instrument :
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Tgt Ion:	164	Resp:	296201
Ion	Ratio	Lower	Upper
164	100		
129	98.0	68.1	126.5
131	94.4	67.8	126.0
166	126.9	90.5	168.1

