

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051168.D
 Acq On : 06 Oct 2022 13:47
 Operator : JC/MD
 Sample : N4893-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J39

Quant Time: Oct 07 01:31:13 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)

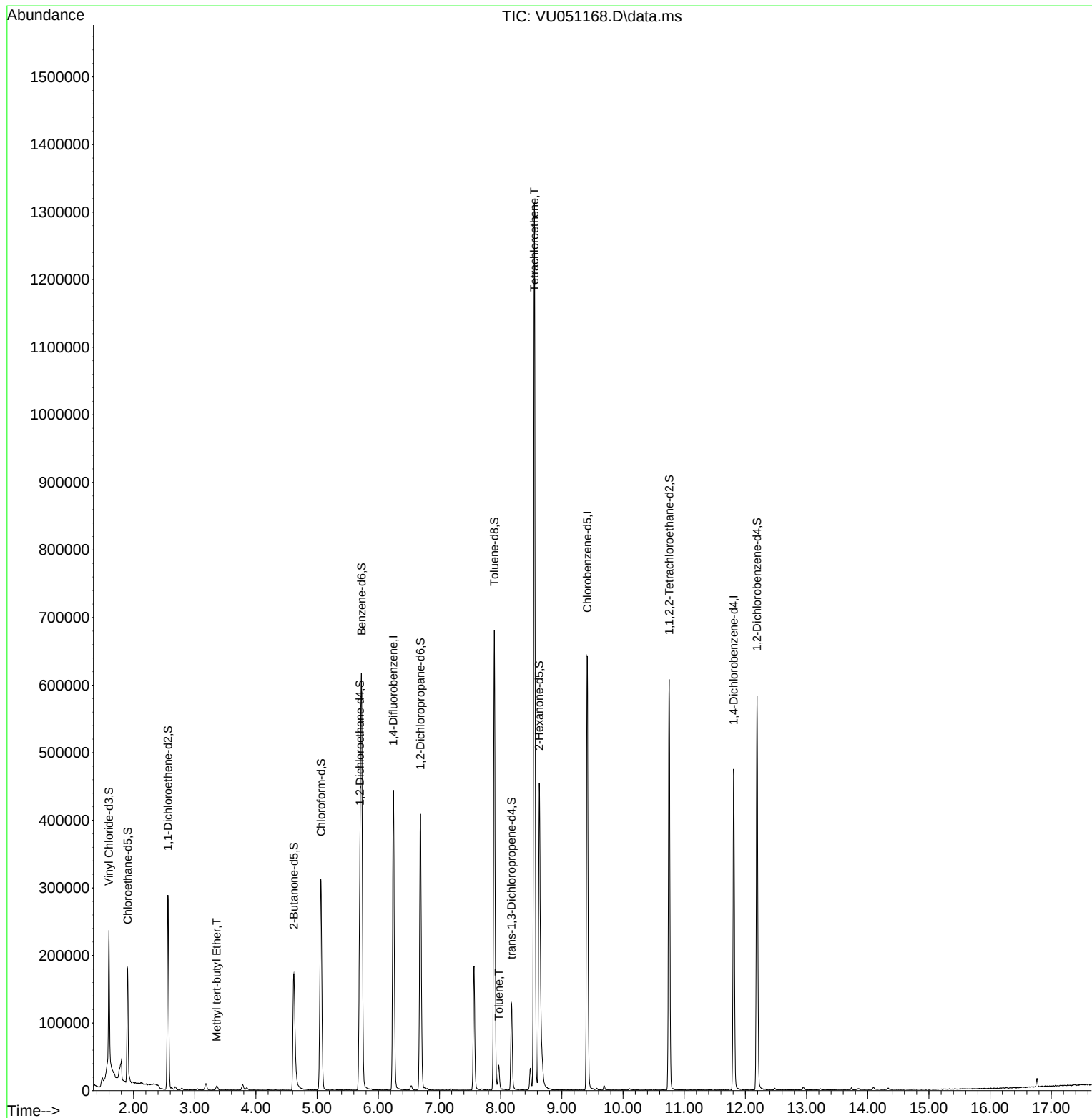
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	355156	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365082	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124964	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	134590	37.393	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	74.780%	
7) Chloroethane-d5	1.903	69	130884	39.146	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	78.300%	
11) 1,1-Dichloroethene-d2	2.562	63	174207	32.766	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	65.540%	
21) 2-Butanone-d5	4.620	46	246536	105.607	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	105.610%	
24) Chloroform-d	5.063	84	297116	51.236	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	102.480%	
26) 1,2-Dichloroethane-d4	5.700	65	195132	54.364	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	108.720%	
32) Benzene-d6	5.726	84	576068	53.884	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	107.760%	
36) 1,2-Dichloropropane-d6	6.690	67	202264	58.304	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	116.600%	
41) Toluene-d8	7.896	98	460386	46.609	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	93.220%	
43) trans-1,3-Dichloroprop...	8.179	79	71421	43.163	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	86.320%	
47) 2-Hexanone-d5	8.629	63	134704	96.164	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.160%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	313543	51.715	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	103.420%	
66) 1,2-Dichlorobenzene-d4	12.192	152	154947	58.042	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	116.080%	
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.359	73	5226	0.638	ug/L	96
42) Toluene	7.970	91	24017	2.029	ug/L	98
46) Tetrachloroethene	8.552	164	289952	132.720	ug/L	98

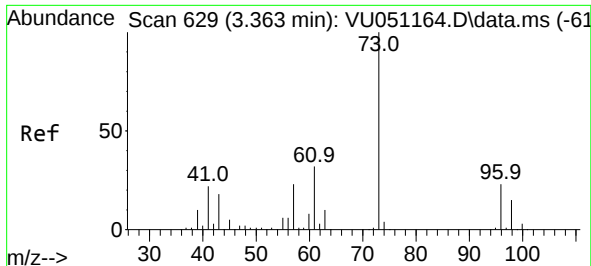
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#18

Methyl tert-butyl Ether

Concen: 0.638 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU051168.D

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Instrument :

MSVOA_U

ClientSampleId :

F5J39

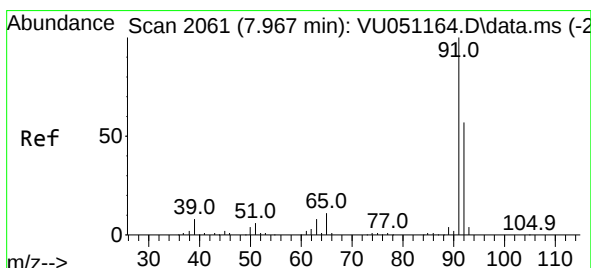
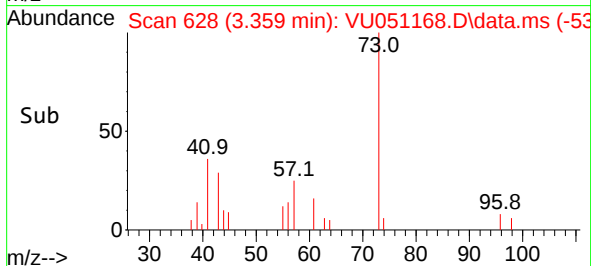
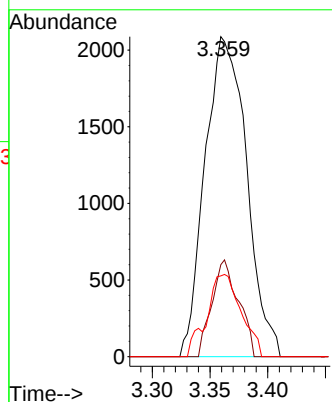
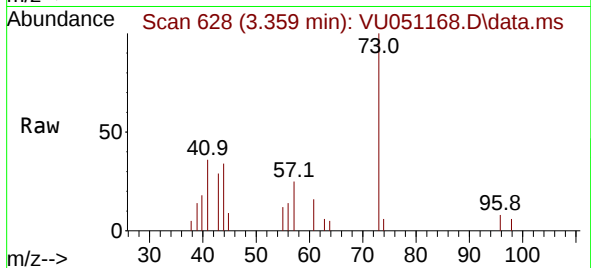
Tgt Ion: 73 Resp: 5226

Ion Ratio Lower Upper

73 100

43 19.3 14.7 22.1

57 18.9 17.5 26.3



#42

Toluene

Concen: 2.029 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.003 min

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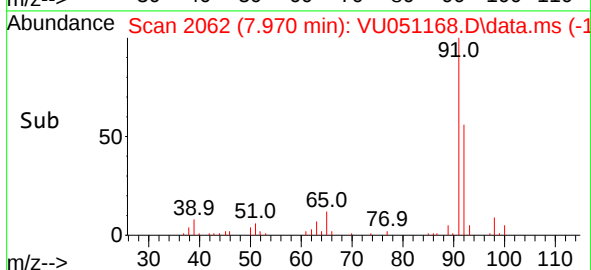
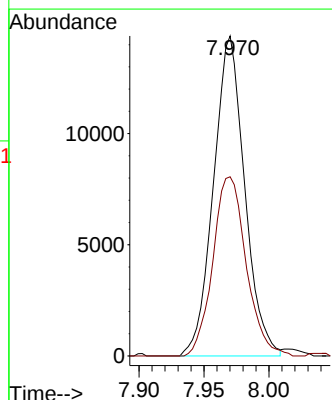
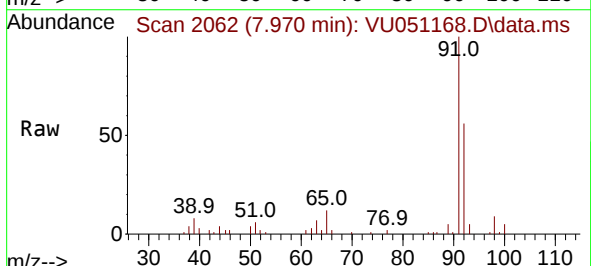
Acq: 06 Oct 2022 13:47

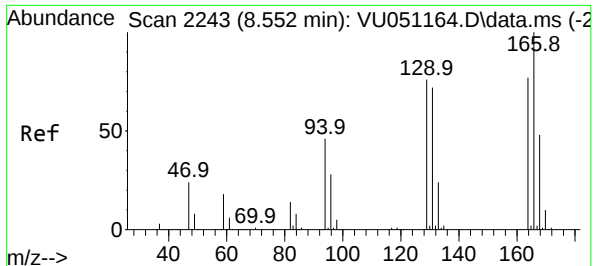
Tgt Ion: 91 Resp: 24017

Ion Ratio Lower Upper

91 100

92 56.0 40.1 74.5





#46
Tetrachloroethene
Concen: 132.720 ug/L
RT: 8.552 min Scan# 21
Delta R.T. -0.000 min
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Tgt	Ion:164	Resp:	289952
Ion	Ratio	Lower	Upper
164	100		
129	98.1	68.1	126.5
131	94.9	67.8	126.0
166	126.6	90.5	168.1

