

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051184.D
 Acq On : 06 Oct 2022 20:06
 Operator : JC/MD
 Sample : N4893-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J15

Quant Time: Oct 07 01:34:37 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)

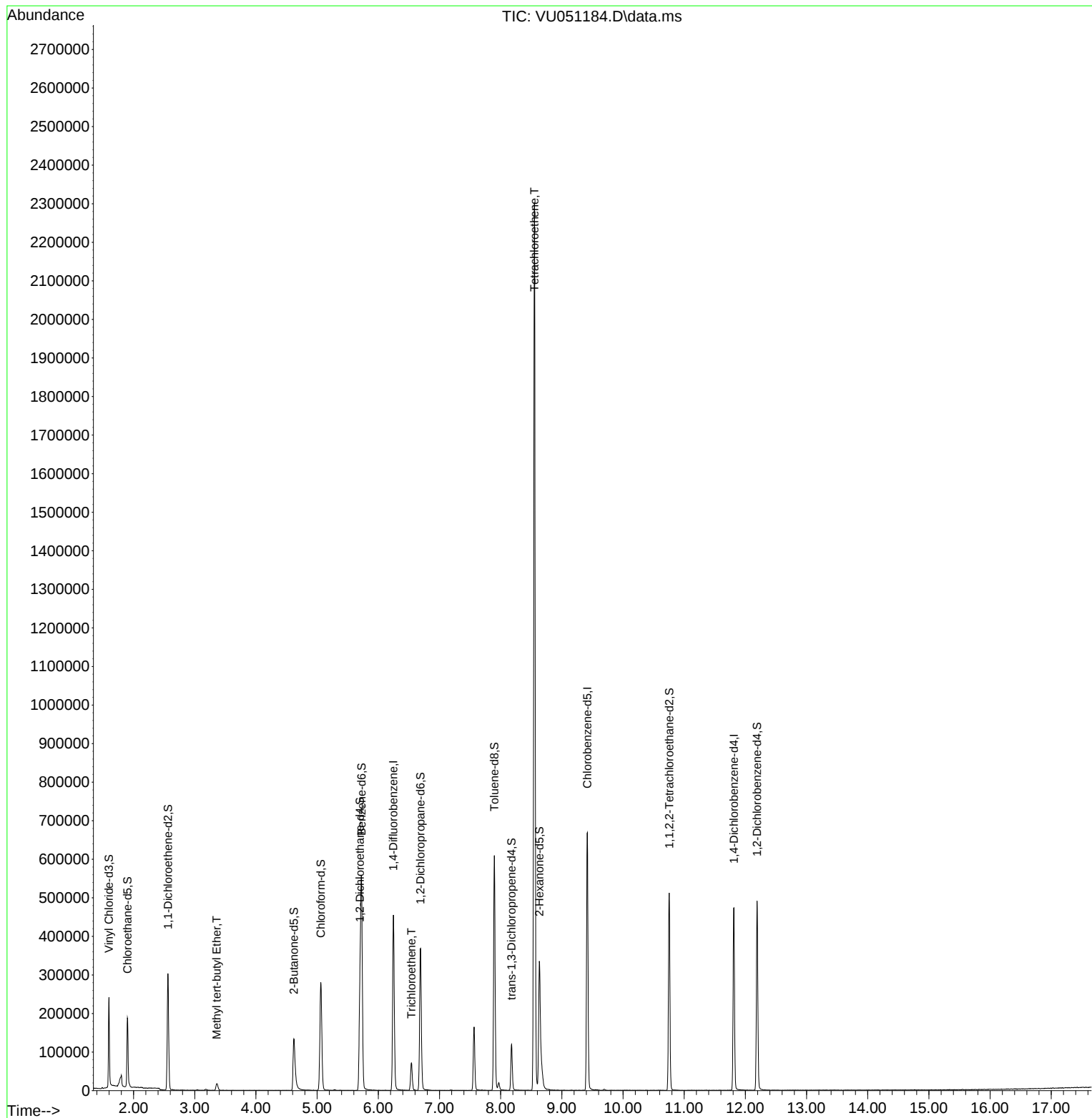
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	358092	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	374083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	127935	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	159951	44.075	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.140%	
7) Chloroethane-d5	1.900	69	136644	40.534	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	81.060%	
11) 1,1-Dichloroethene-d2	2.562	63	179275	33.442	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	66.880%	
21) 2-Butanone-d5	4.620	46	187267	79.561	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	79.560%	
24) Chloroform-d	5.060	84	265796	45.459	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.920%	
26) 1,2-Dichloroethane-d4	5.700	65	172304	47.611	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.220%	
32) Benzene-d6	5.726	84	520112	47.479	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	94.960%	
36) 1,2-Dichloropropane-d6	6.687	67	180882	50.886	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	101.780%	
41) Toluene-d8	7.896	98	405682	40.083	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	80.160%	
43) trans-1,3-Dichloroprop...	8.179	79	66100	38.986	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	77.980%	
47) 2-Hexanone-d5	8.632	63	94281	65.687	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	65.690%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	266224	42.853	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	85.700%	
66) 1,2-Dichlorobenzene-d4	12.192	152	129289	47.306	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	94.620%	
Target Compounds						
					Qvalue	
18) Methyl tert-butyl Ether	3.359	73	17055	2.066	ug/L	97
34) Trichloroethene	6.539	95	24251	8.210	ug/L	97
46) Tetrachloroethene	8.552	164	505148	225.658	ug/L	99

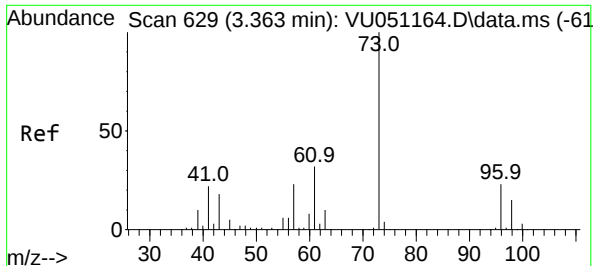
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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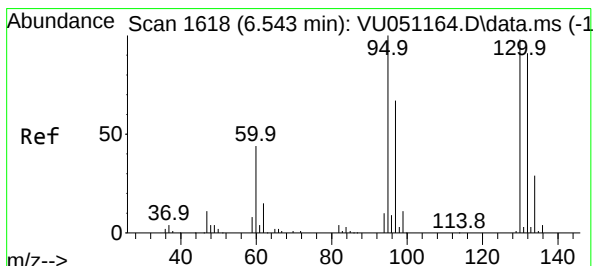
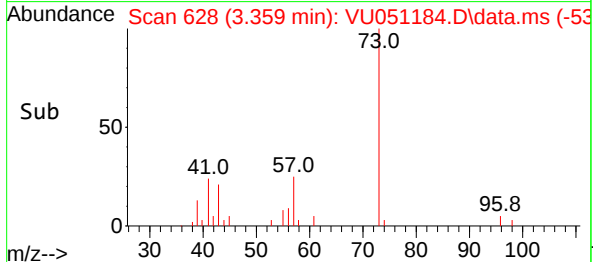
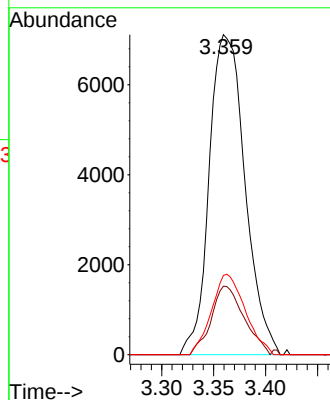
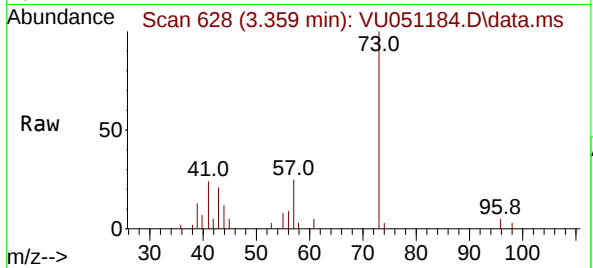




#18
Methyl tert-butyl Ether
Concen: 2.066 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU051184.D
Acq: 06 Oct 2022 20:06

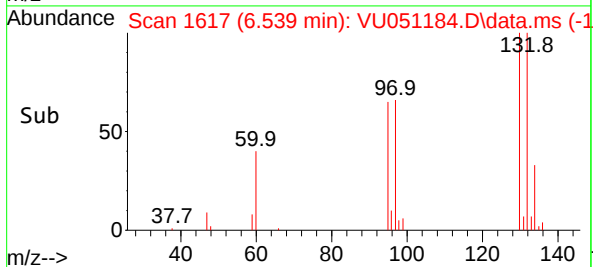
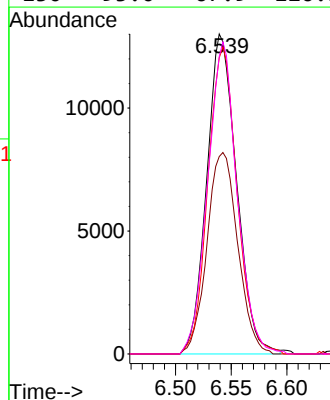
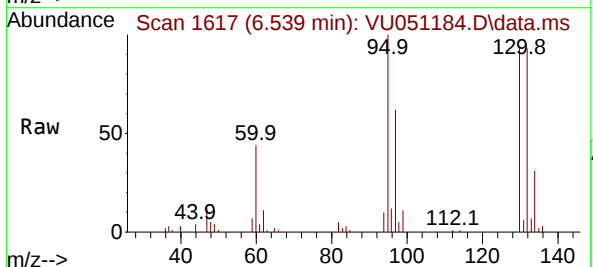
Instrument :
MSVOA_U
ClientSampleId :
F5J15

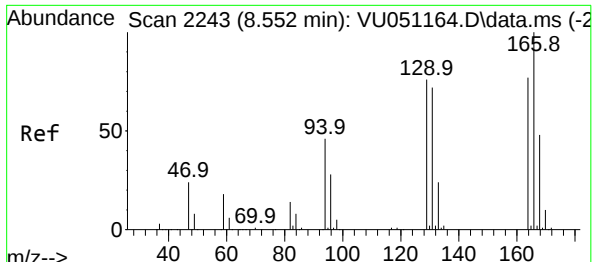
Tgt Ion: 73	Resp: 17055
Ion Ratio	Lower Upper
73 100	
43 19.7	14.7 22.1
57 23.7	17.5 26.3



#34
Trichloroethene
Concen: 8.210 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051184.D
Acq: 06 Oct 2022 20:06

Tgt Ion: 95	Resp: 24251
Ion Ratio	Lower Upper
95 100	
97 61.7	45.9 85.3
132 92.6	64.0 119.0
130 93.0	67.9 126.1





#46
 Tetrachloroethene
 Concen: 225.658 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU051184.D
 Acq: 06 Oct 2022 20:06

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J15

Tgt Ion:164 Resp: 505148
 Ion Ratio Lower Upper
 164 100
 129 98.0 68.1 126.5
 131 96.5 67.8 126.0
 166 126.5 90.5 168.1

