

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051178.D
 Acq On : 06 Oct 2022 17:44
 Operator : JC/MD
 Sample : N4893-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J53

Quant Time: Oct 07 01:33:22 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)

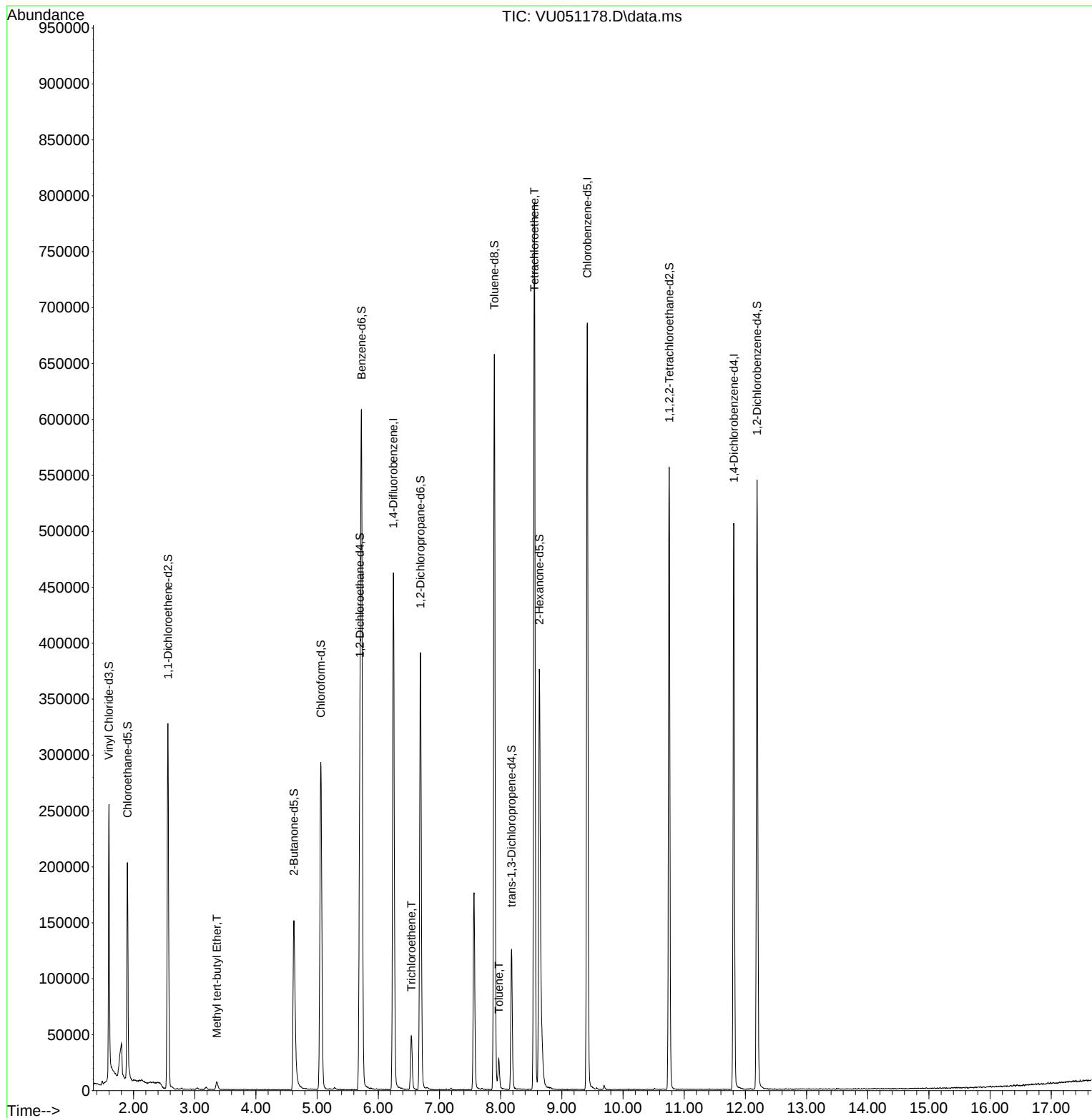
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	369332	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	382002	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	132469	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	170277	45.492	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.980%		
7) Chloroethane-d5	1.900	69	147801	42.509	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.020%		
11) 1,1-Dichloroethene-d2	2.562	63	194399	35.160	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.320%		
21) 2-Butanone-d5	4.620	46	210708	86.795	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.800%		
24) Chloroform-d	5.060	84	278211	46.135	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.260%		
26) 1,2-Dichloroethane-d4	5.700	65	184011	49.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.600%		
32) Benzene-d6	5.726	84	565810	50.580	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.160%		
36) 1,2-Dichloropropane-d6	6.690	67	191820	52.844	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.680%		
41) Toluene-d8	7.896	98	437336	42.314	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	84.620%		
43) trans-1,3-Dichloroprop...	8.176	79	70154	40.520	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.040%		
47) 2-Hexanone-d5	8.633	63	109574	74.759	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.760%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	282722	44.566	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.140%		
66) 1,2-Dichlorobenzene-d4	12.192	152	144412	51.031	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	102.060%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.363	73	5963	0.700	ug/L	# 84
34) Trichloroethene	6.539	95	16305	5.405	ug/L	96
42) Toluene	7.970	91	18291	1.477	ug/L	98
46) Tetrachloroethene	8.552	164	174222	76.214	ug/L	99

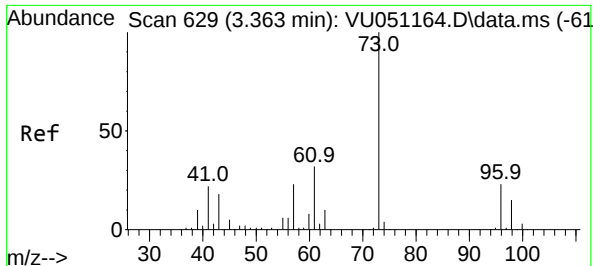
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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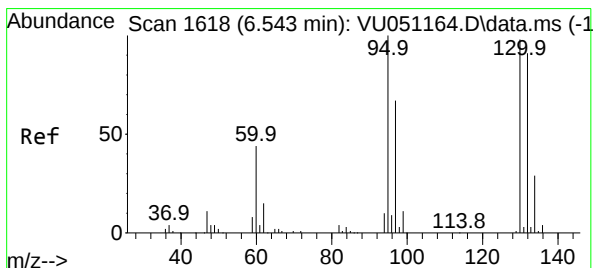
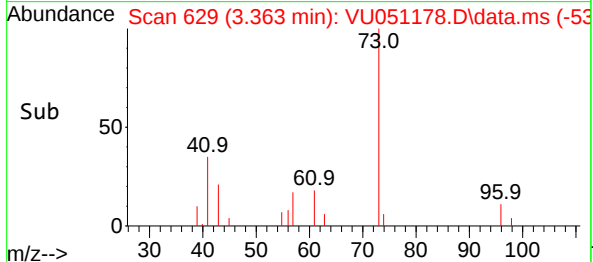
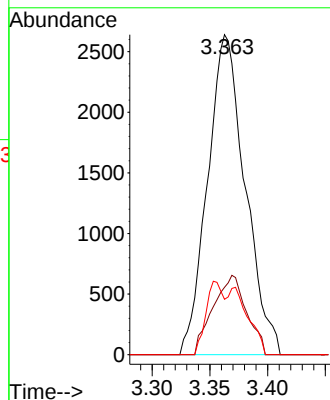
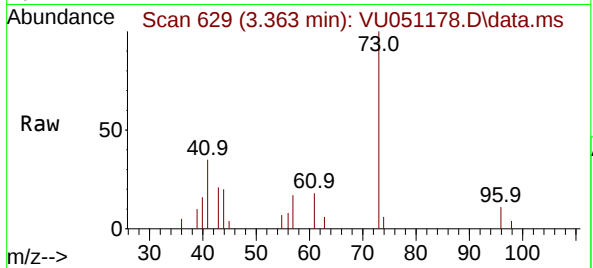




#18
Methyl tert-butyl Ether
Concen: 0.700 ug/L
RT: 3.363 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051178.D
Acq: 06 Oct 2022 17:44

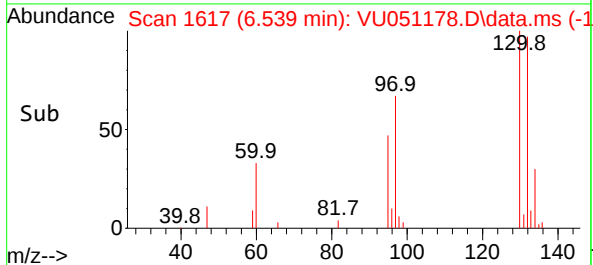
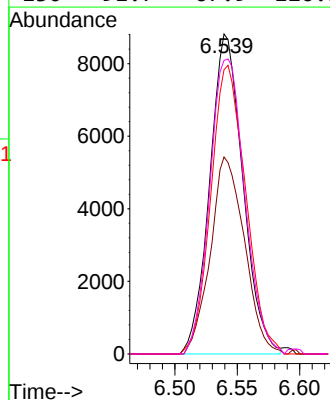
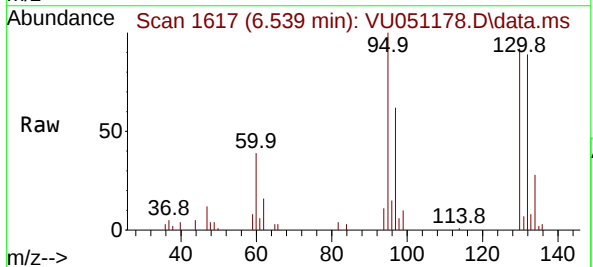
Instrument :
MSVOA_U
ClientSampleId :
F5J53

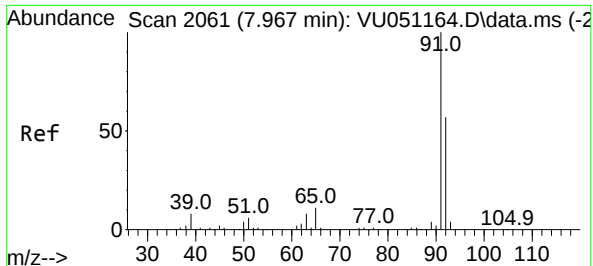
Tgt Ion: 73	Resp:	5963
Ion	Ratio	Lower Upper
73	100	
43	22.2	14.7 22.1#
57	11.6	17.5 26.3#



#34
Trichloroethene
Concen: 5.405 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051178.D
Acq: 06 Oct 2022 17:44

Tgt Ion: 95	Resp:	16305
Ion	Ratio	Lower Upper
95	100	
97	61.5	45.9 85.3
132	88.8	64.0 119.0
130	91.7	67.9 126.1





#42

Toluene

Concen: 1.477 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051178.D

Acq: 06 Oct 2022 17:44

Instrument :

MSVOA_U

ClientSampleId :

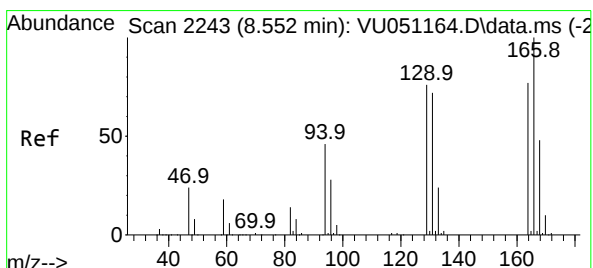
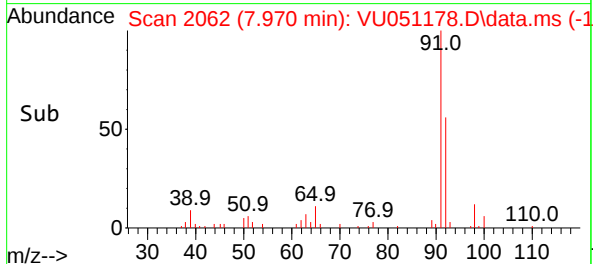
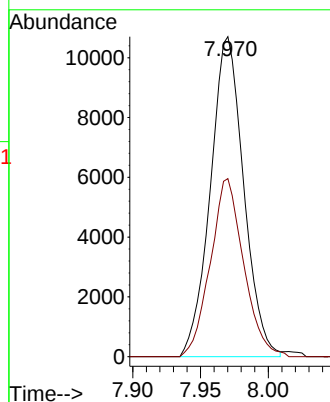
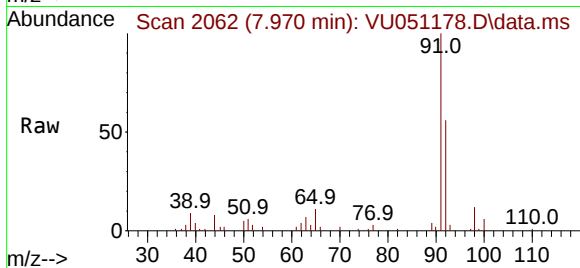
F5J53

Tgt Ion: 91 Resp: 18291

Ion Ratio Lower Upper

91 100

92 55.6 40.1 74.5



#46

Tetrachloroethene

Concen: 76.214 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051178.D

Acq: 06 Oct 2022 17:44

Tgt Ion: 164 Resp: 174222

Ion Ratio Lower Upper

164 100

129 97.8 68.1 126.5

131 95.9 67.8 126.0

166 129.0 90.5 168.1

