

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100622\
 Data File : VU051180.D
 Acq On : 06 Oct 2022 18:31
 Operator : JC/MD
 Sample : N4893-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J09

Quant Time: Oct 07 01:33:48 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)

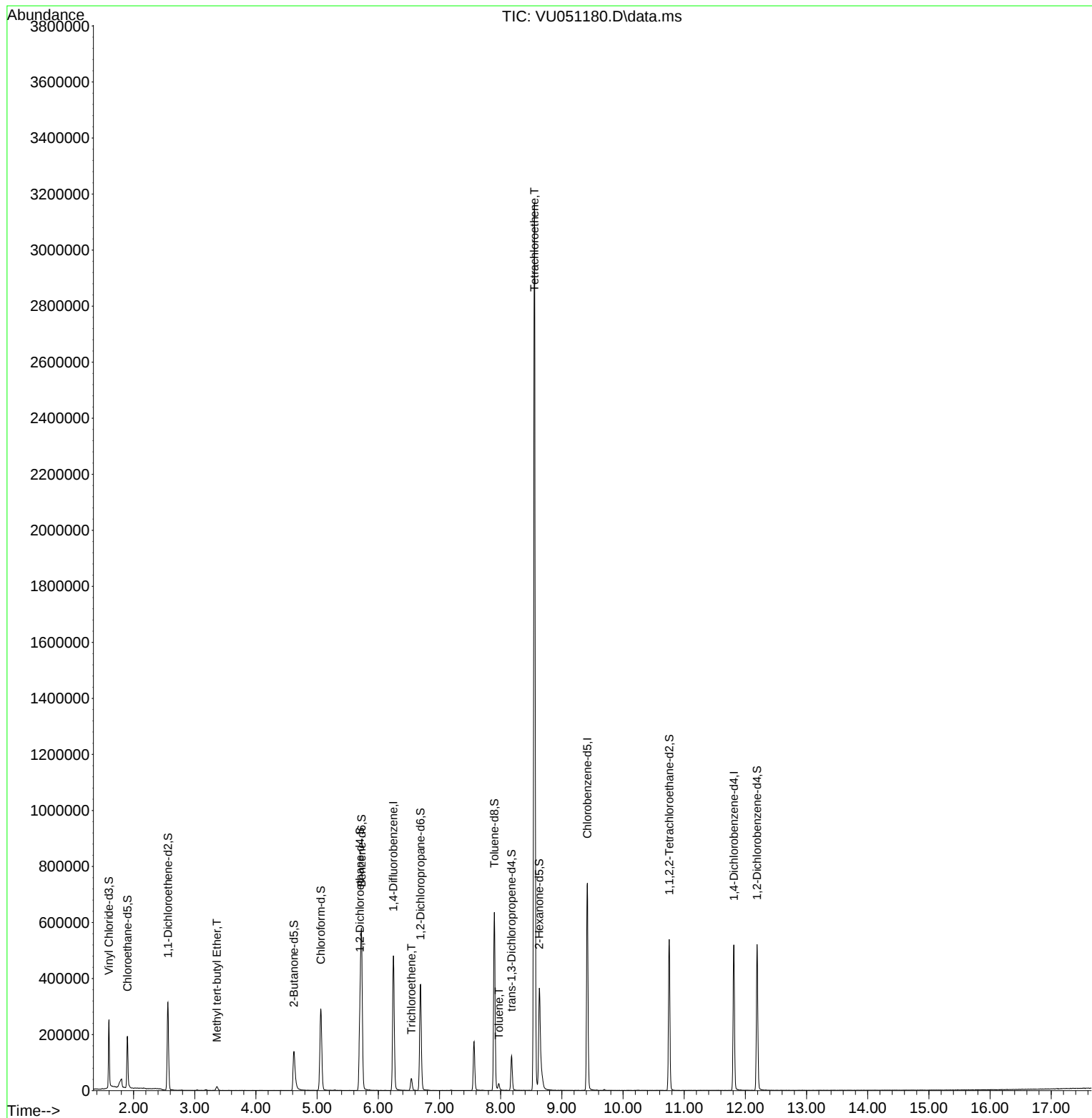
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	387431	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	405574	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	138779	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	165453	42.138	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	84.280%		
7) Chloroethane-d5	1.899	69	141081	38.681	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	77.360%		
11) 1,1-Dichloroethene-d2	2.562	63	188987	32.584	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.160%		
21) 2-Butanone-d5	4.620	46	196897	77.317	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.320%		
24) Chloroform-d	5.060	84	275751	43.591	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.180%		
26) 1,2-Dichloroethane-d4	5.700	65	178448	45.574	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.140%		
32) Benzene-d6	5.726	84	538685	45.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	90.720%		
36) 1,2-Dichloropropane-d6	6.690	67	185207	48.057	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.120%		
41) Toluene-d8	7.896	98	426397	38.858	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.720%#		
43) trans-1,3-Dichloroprop...	8.179	79	68217	37.111	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.220%		
47) 2-Hexanone-d5	8.629	63	103327	66.399	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	66.400%		
56) 1,1,2,2-Tetrachloroeth...	10.754	84	275595	40.917	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	81.840%		
66) 1,2-Dichlorobenzene-d4	12.192	152	137757	46.466	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.940%		
Target Compounds						Qvalue
18) Methyl tert-butyl Ether	3.362	73	12427	1.391	ug/L	98
34) Trichloroethene	6.539	95	14077	4.396	ug/L	96
42) Toluene	7.970	91	15745	1.197	ug/L	95
46) Tetrachloroethene	8.552	164	692193	285.205	ug/L	99

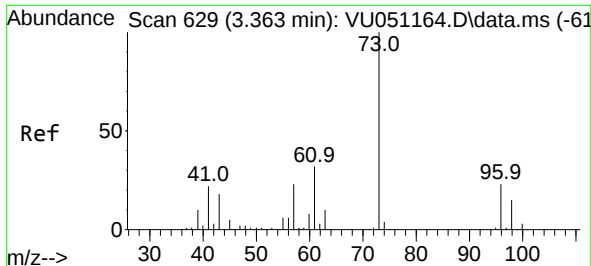
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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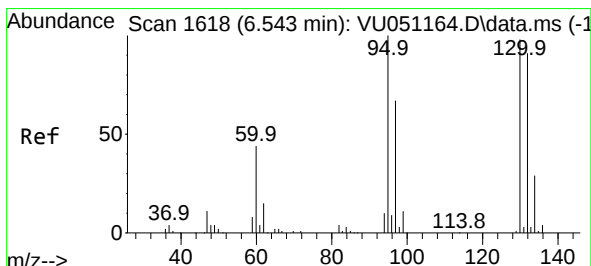
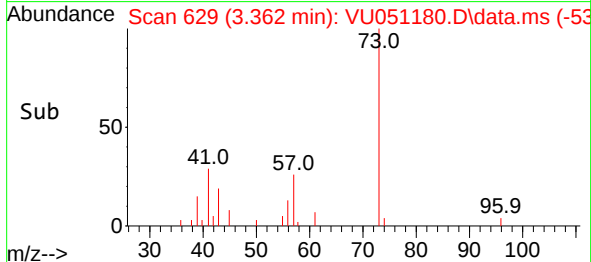
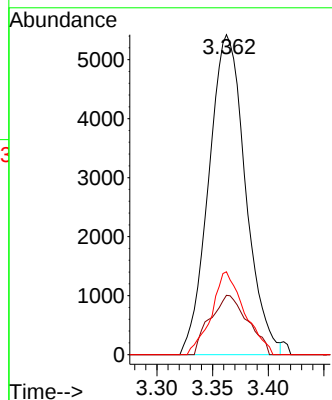
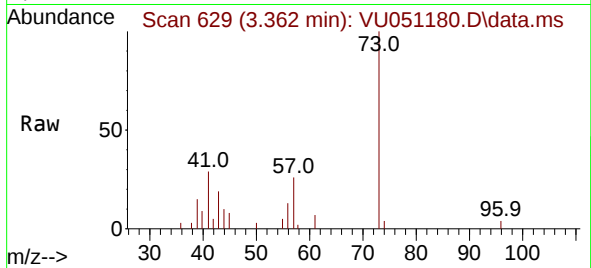




#18
Methyl tert-butyl Ether
Concen: 1.391 ug/L
RT: 3.362 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU051180.D
Acq: 06 Oct 2022 18:31

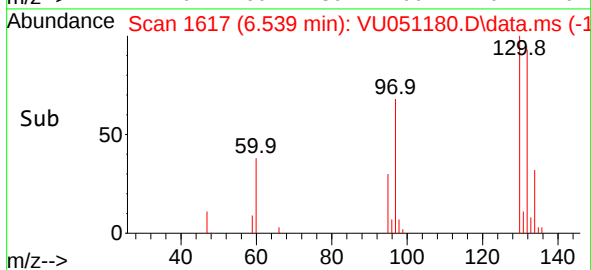
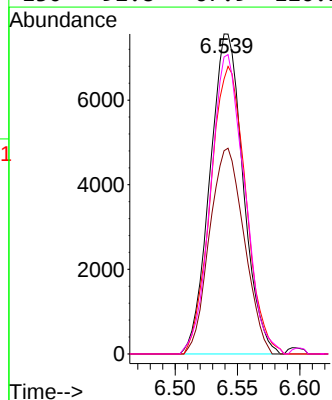
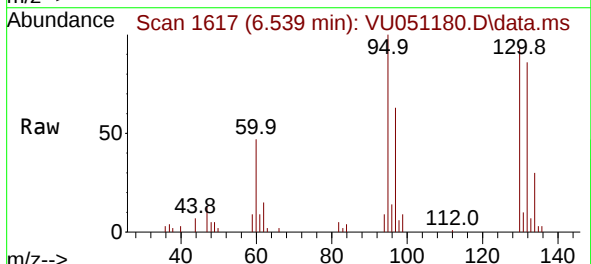
Instrument :
MSVOA_U
ClientSampleId :
F5J09

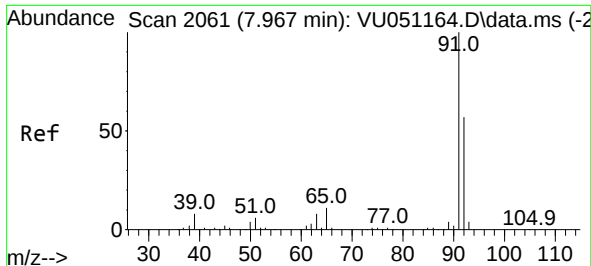
Tgt Ion: 73	Resp: 12427
Ion Ratio	Lower Upper
73 100	
43 19.0	14.7 22.1
57 23.3	17.5 26.3



#34
Trichloroethene
Concen: 4.396 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.003 min
Lab File: VU051180.D
Acq: 06 Oct 2022 18:31

Tgt Ion: 95	Resp: 14077
Ion Ratio	Lower Upper
95 100	
97 63.5	45.9 85.3
132 85.9	64.0 119.0
130 92.8	67.9 126.1





#42

Toluene

Concen: 1.197 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051180.D

Acq: 06 Oct 2022 18:31

Instrument :

MSVOA_U

ClientSampleId :

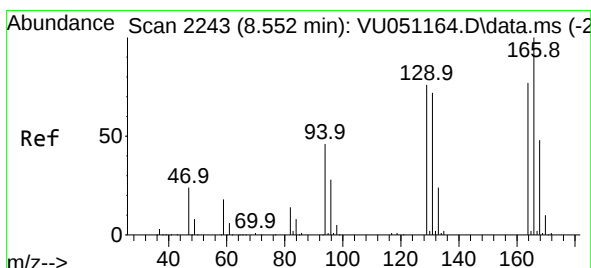
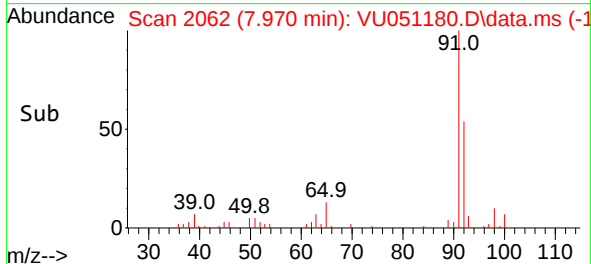
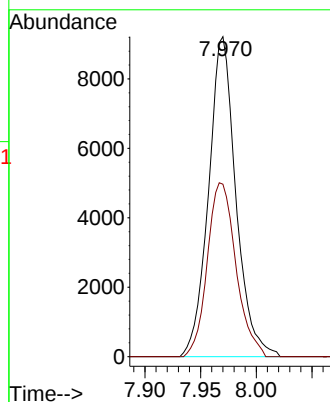
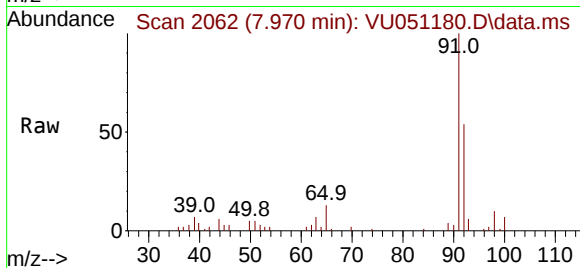
F5J09

Tgt Ion: 91 Resp: 15745

Ion Ratio Lower Upper

91 100

92 53.9 40.1 74.5



#46

Tetrachloroethene

Concen: 285.205 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051180.D

Acq: 06 Oct 2022 18:31

Tgt Ion: 164 Resp: 692193

Ion Ratio Lower Upper

164 100

129 98.9 68.1 126.5

131 95.0 67.8 126.0

166 128.4 90.5 168.1

