

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050996.D
 Acq On : 29 Sep 2022 22:01
 Operator : JC/MD
 Sample : N4869-09
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J31

Quant Time: Sep 30 01:52:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:30:03 2022
 Response via : Initial Calibration

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

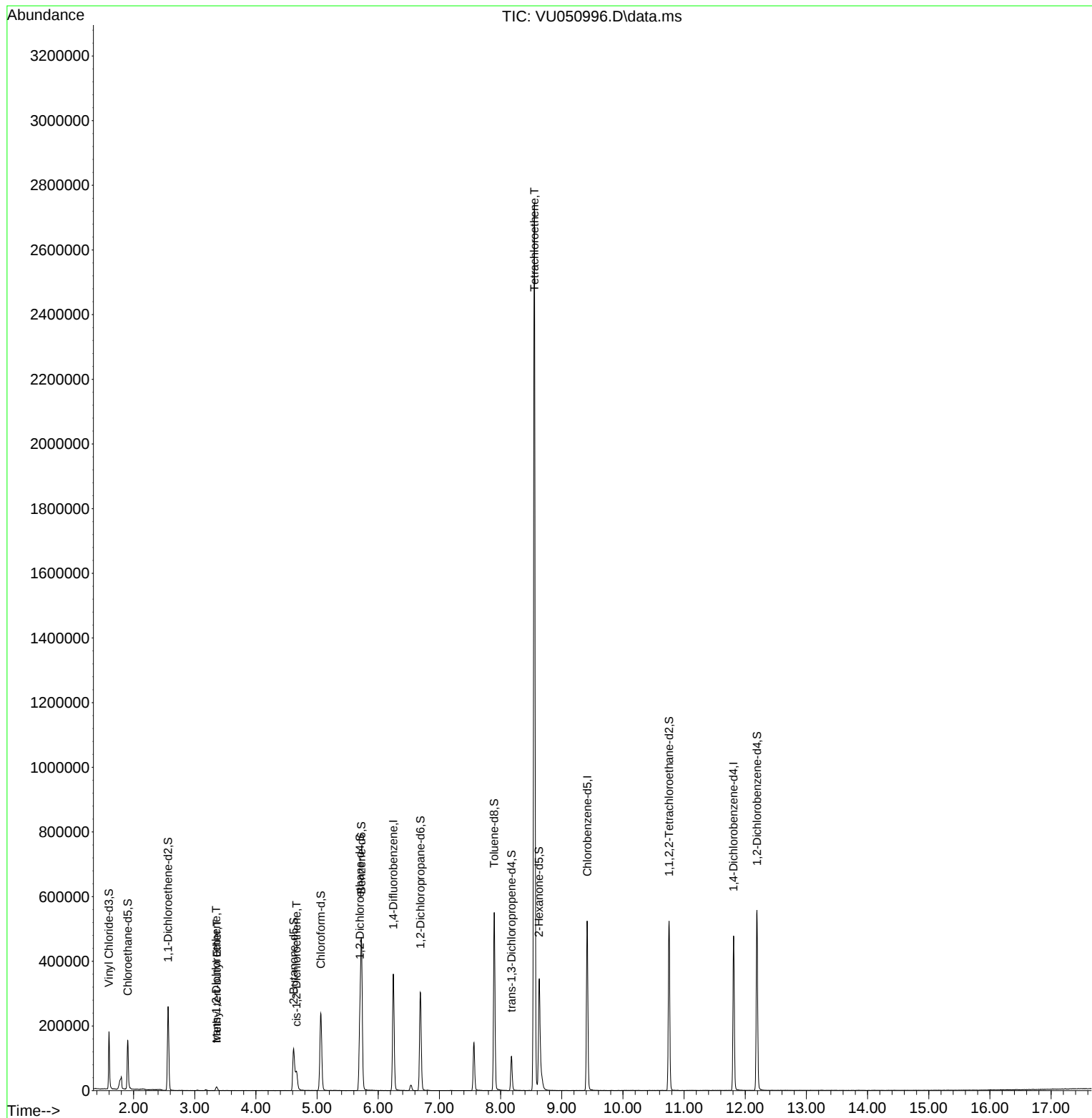
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	290287	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	293857	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	124654	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	129722	44.095	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.180%		
7) Chloroethane-d5	1.903	69	116065	42.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.940%		
11) 1,1-Dichloroethene-d2	2.565	63	149344	34.366	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	68.740%		
21) 2-Butanone-d5	4.616	46	177369	92.957	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.960%		
24) Chloroform-d	5.060	84	220946	46.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
26) 1,2-Dichloroethane-d4	5.700	65	143011	48.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.500%		
32) Benzene-d6	5.726	84	442902	51.469	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	102.940%		
36) 1,2-Dichloropropane-d6	6.690	67	147119	52.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	105.380%		
41) Toluene-d8	7.896	98	361094	45.417	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.840%		
43) trans-1,3-Dichloroprop...	8.179	79	58585	43.988	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.980%		
47) 2-Hexanone-d5	8.629	63	102917	91.279	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.280%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268206	54.959	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.920%		
66) 1,2-Dichlorobenzene-d4	12.192	152	146245	54.918	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	109.840%		
Target Compounds						
					Qvalue	
17) trans-1,2-Dichloroethene	3.350	96	2265	1.028	ug/L	88
18) Methyl tert-butyl Ether	3.363	73	6842	1.022	ug/L #	93
20) cis-1,2-Dichloroethene	4.665	96	25811	10.497	ug/L	98
46) Tetrachloroethene	8.552	164	586645	333.610	ug/L	98

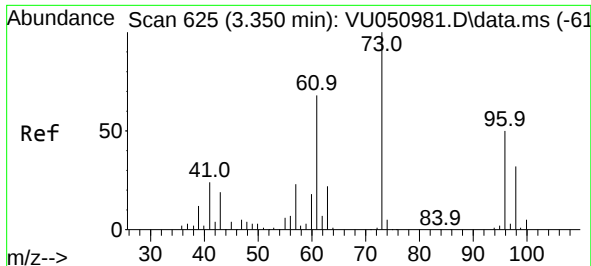
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.028 ug/L

RT: 3.350 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU050996.D

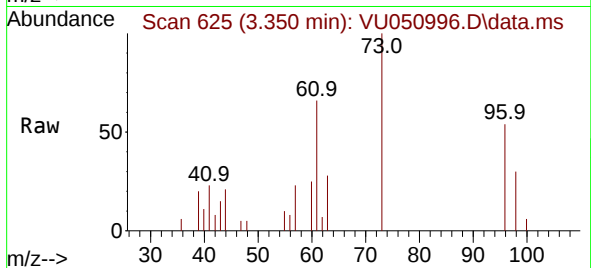
Acq: 29 Sep 2022 22:01

Instrument :

MSVOA_U

ClientSampleId :

F5J31



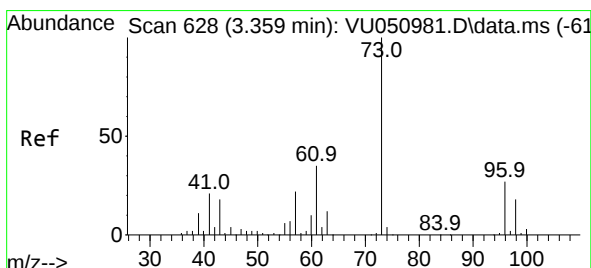
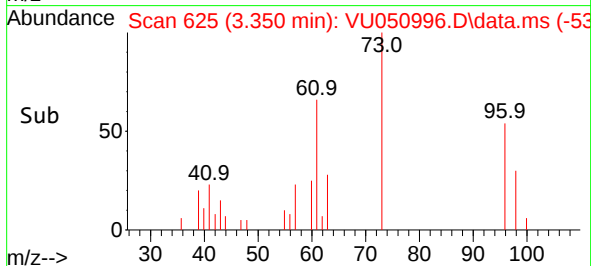
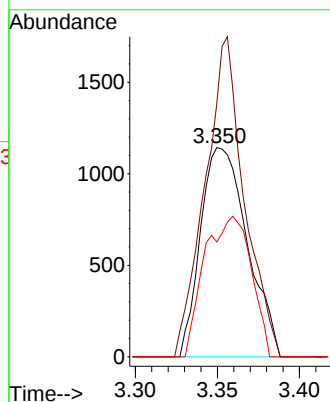
Tgt Ion: 96 Resp: 2265

Ion Ratio Lower Upper

96 100

61 121.3 95.1 176.5

98 54.9 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 1.022 ug/L

RT: 3.363 min Scan# 629

Delta R.T. 0.003 min

Lab File: VU050996.D

Acq: 29 Sep 2022 22:01

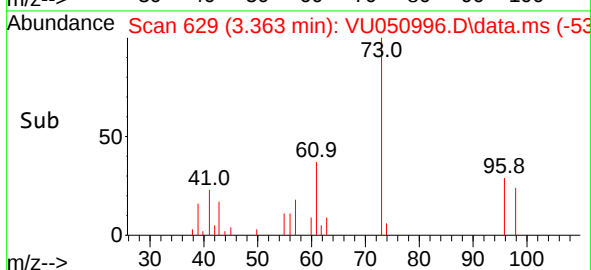
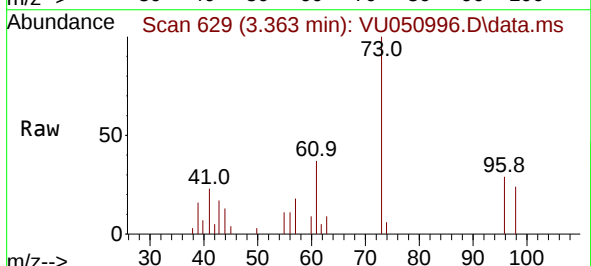
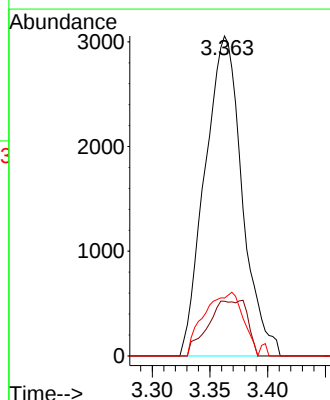
Tgt Ion: 73 Resp: 6842

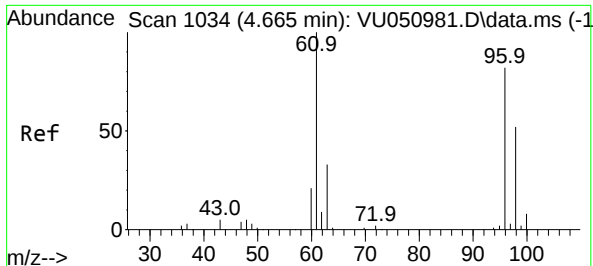
Ion Ratio Lower Upper

73 100

43 13.1 14.7 22.1#

57 20.8 17.5 26.3

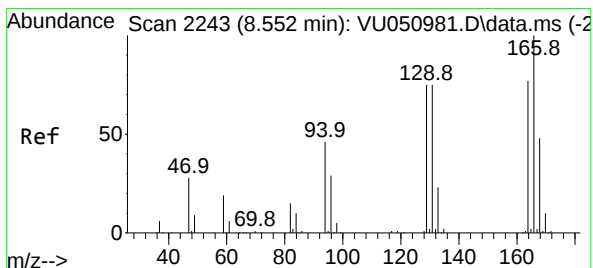
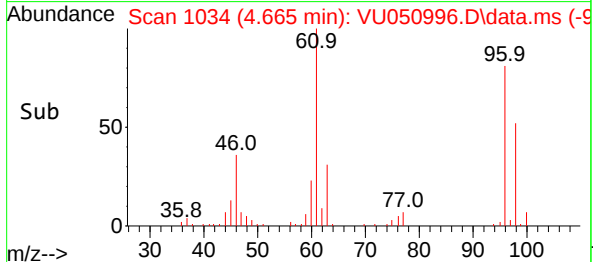
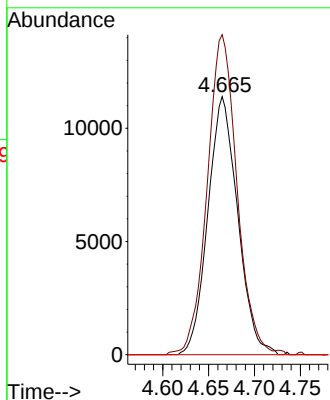
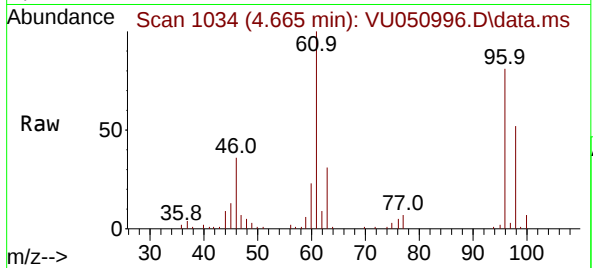




#20
 cis-1,2-Dichloroethene
 Concen: 10.497 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
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 MSVOA_U
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 F5J31

Tgt Ion: 96 Resp: 25811
 Ion Ratio Lower Upper
 96 100
 61 124.0 85.4 158.6
 68 0.0 0.0 0.0



#46
 Tetrachloroethene
 Concen: 333.610 ug/L
 RT: 8.552 min Scan# 2243
 Delta R.T. 0.000 min
 Lab File: VU050996.D
 Acq: 29 Sep 2022 22:01

Tgt Ion:164 Resp: 586645
 Ion Ratio Lower Upper
 164 100
 129 96.3 68.1 126.5
 131 92.8 67.8 126.0
 166 127.8 90.5 168.1

