

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050997.D
 Acq On : 29 Sep 2022 22:24
 Operator : JC/MD
 Sample : N4869-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J32

Quant Time: Sep 30 01:52:30 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)

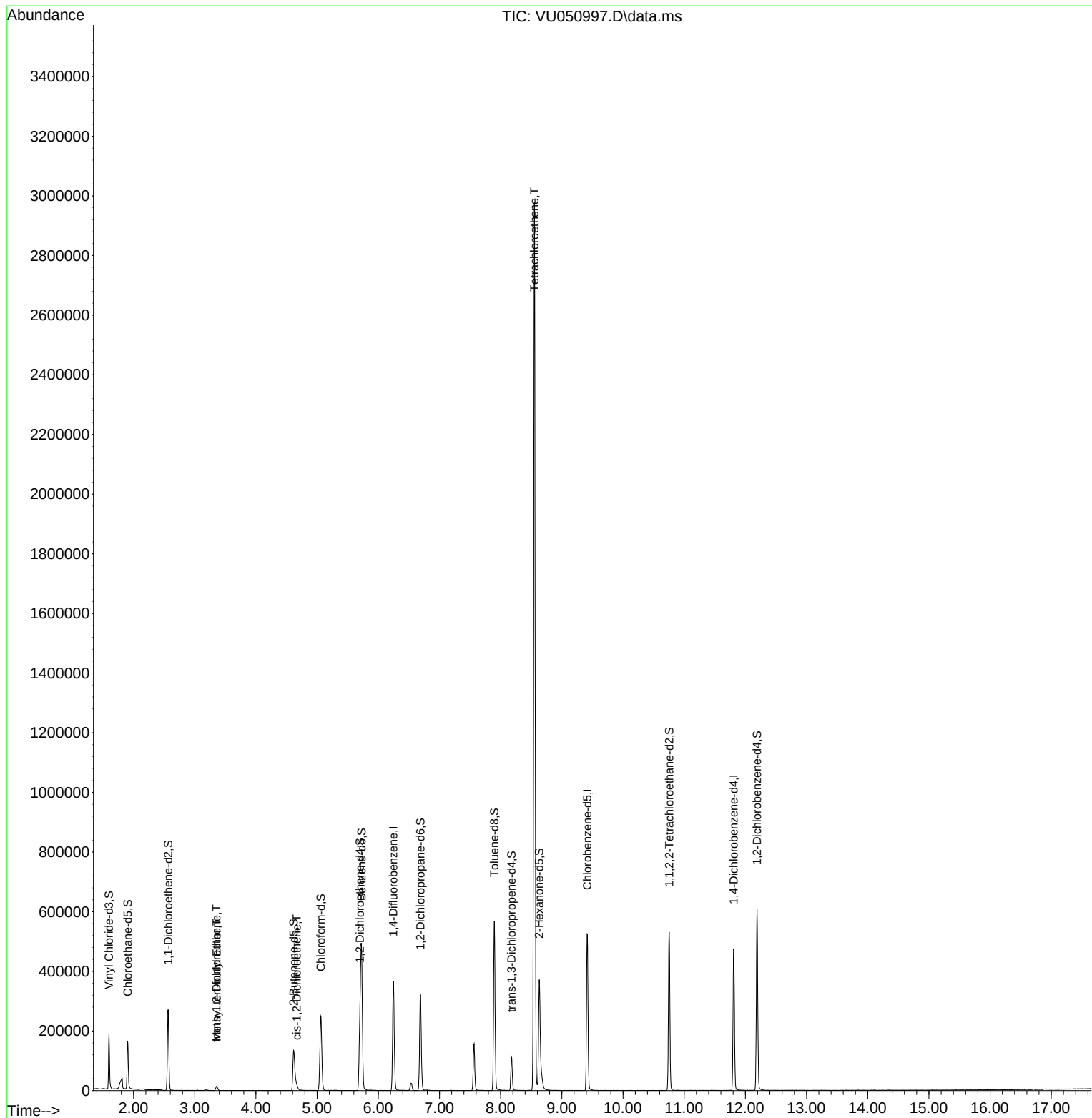
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	290601	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	296360	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	127505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	135240	45.921	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	91.840%		
7) Chloroethane-d5	1.903	69	119883	43.821	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.640%		
11) 1,1-Dichloroethene-d2	2.565	63	156057	35.872	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	71.740%		
21) 2-Butanone-d5	4.617	46	186200	97.480	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	97.480%		
24) Chloroform-d	5.060	84	229472	48.362	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.720%		
26) 1,2-Dichloroethane-d4	5.700	65	149287	50.831	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.660%		
32) Benzene-d6	5.726	84	460168	53.024	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.040%		
36) 1,2-Dichloropropane-d6	6.687	67	152607	54.191	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	108.380%		
41) Toluene-d8	7.896	98	381469	47.575	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.140%		
43) trans-1,3-Dichloroprop...	8.179	79	61500	45.786	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.580%		
47) 2-Hexanone-d5	8.629	63	111345	97.920	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	97.920%		
56) 1,1,2,2-Tetrachloroeth...	10.755	84	268645	54.584	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	109.160%		
66) 1,2-Dichlorobenzene-d4	12.192	152	159882	58.697	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	117.400%		
Target Compounds						Qvalue
17) trans-1,2-Dichloroethene	3.356	96	2293	1.040	ug/L	95
18) Methyl tert-butyl Ether	3.359	73	10143	1.514	ug/L #	91
20) cis-1,2-Dichloroethene	4.668	96	5549	2.254	ug/L	87
46) Tetrachloroethene	8.552	164	637366	359.392	ug/L	98

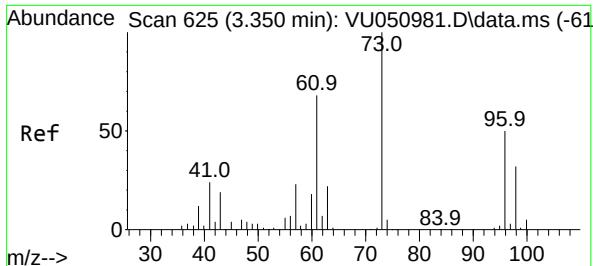
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 1.040 ug/L

RT: 3.356 min Scan# 61

Delta R.T. 0.007 min

Lab File: VU050997.D

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Instrument :

MSVOA_U

ClientSampleId :

F5J32

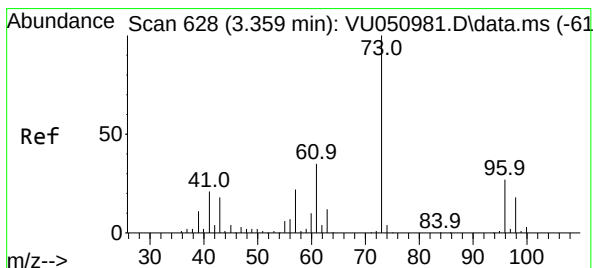
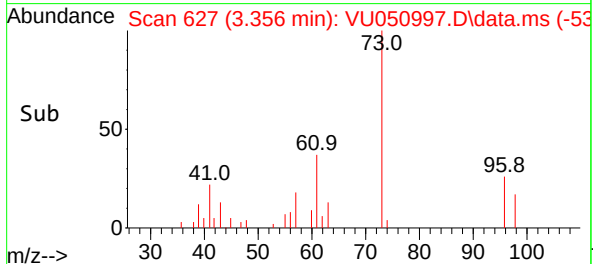
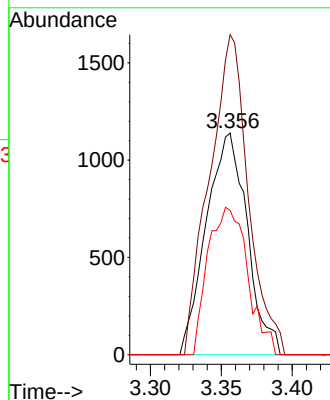
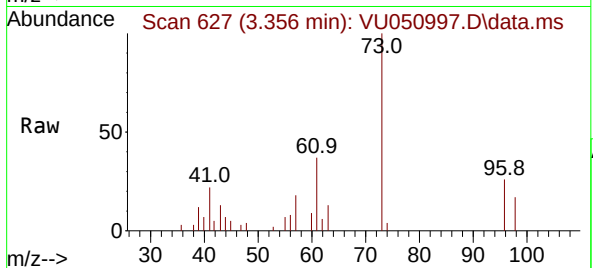
Tgt Ion: 96 Resp: 2293

Ion Ratio Lower Upper

96 100

61 144.4 95.1 176.5

98 65.1 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 1.514 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU050997.D

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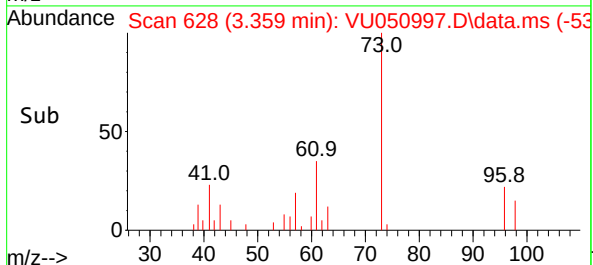
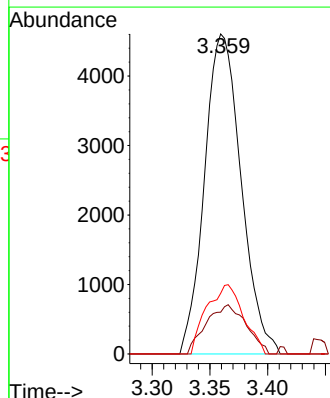
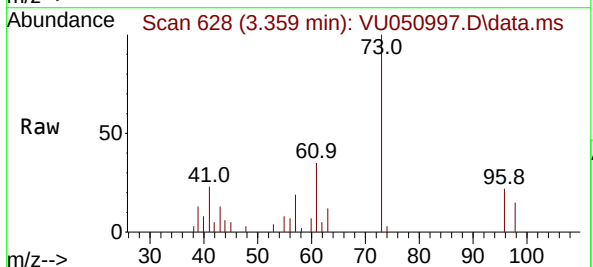
Tgt Ion: 73 Resp: 10143

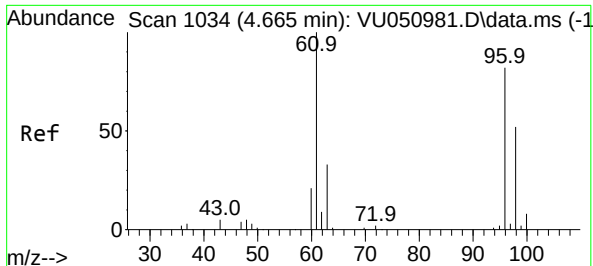
Ion Ratio Lower Upper

73 100

43 9.7 14.7 22.1#

57 21.7 17.5 26.3





#20

cis-1,2-Dichloroethene

Concen: 2.254 ug/L

RT: 4.668 min Scan# 1034

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

F5J32

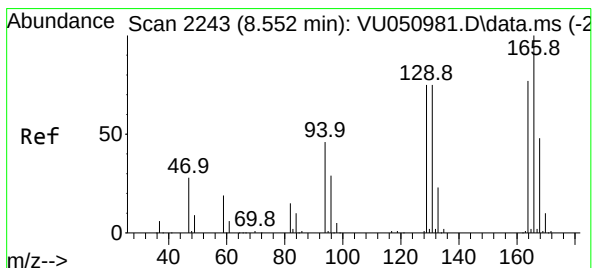
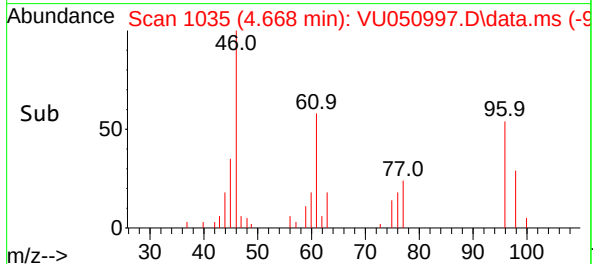
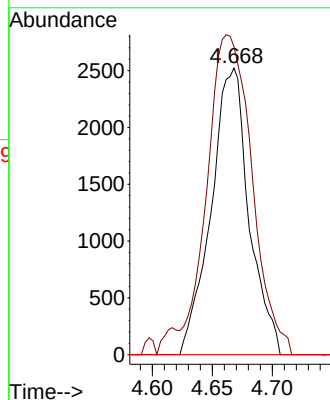
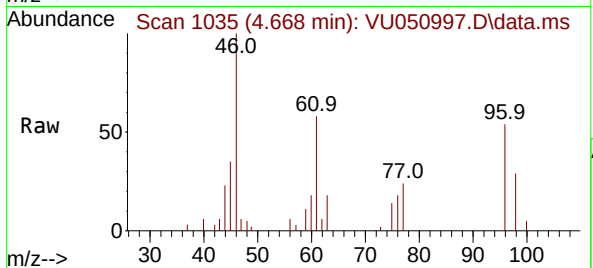
Tgt Ion: 96 Resp: 5549

Ion Ratio Lower Upper

96 100

61 107.5 85.4 158.6

68 0.0 0.0 0.0



#46

Tetrachloroethene

Concen: 359.392 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. 0.000 min

Lab File: VU050997.D

Acq: 29 Sep 2022 22:24

Tgt Ion: 164 Resp: 637366

Ion Ratio Lower Upper

164 100

129 94.5 68.1 126.5

131 93.9 67.8 126.0

166 127.7 90.5 168.1

