

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU093022\
 Data File : VU051065.D
 Acq On : 01 Oct 2022 03:49
 Operator : JC/MD
 Sample : N4869-12
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5J37

Quant Time: Oct 01 04:32:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 01 03:04:59 2022
 Response via : Initial Calibration

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

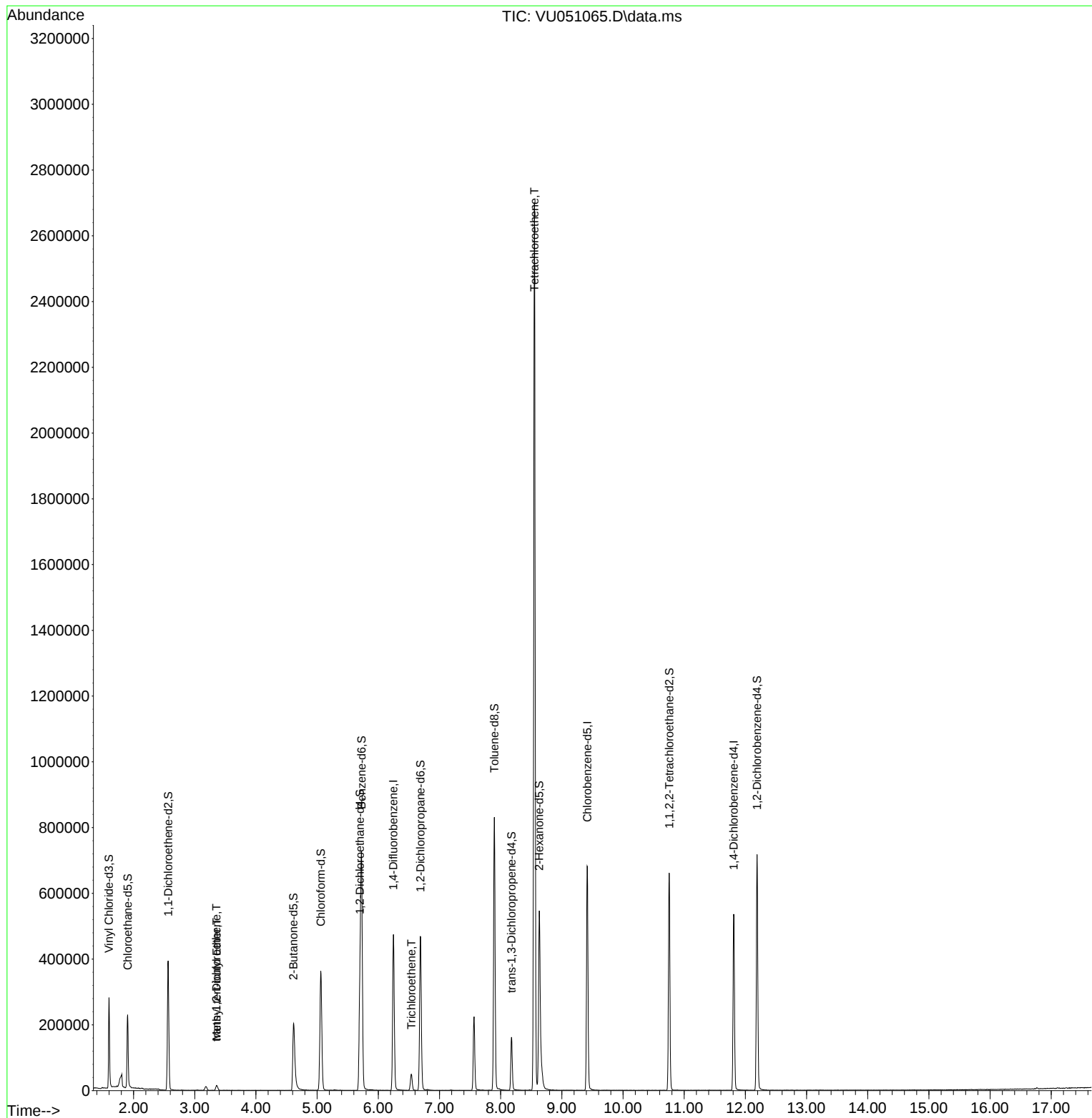
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	373015	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	376181	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	141381	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	198231	52.438	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	104.880%	
7) Chloroethane-d5	1.903	69	171011	48.699	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.565	63	232135	41.571	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	83.140%	
21) 2-Butanone-d5	4.613	46	282288	115.132	ug/L	-0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	115.130%	
24) Chloroform-d	5.060	84	332055	54.520	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	109.040%	
26) 1,2-Dichloroethane-d4	5.700	65	217766	57.765	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	115.540%	
32) Benzene-d6	5.726	84	677236	61.478	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	122.960%	
36) 1,2-Dichloropropane-d6	6.687	67	228568	63.942	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	127.880%#	
41) Toluene-d8	7.896	98	550099	54.048	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	108.100%	
43) trans-1,3-Dichloroprop...	8.176	79	90492	53.075	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	106.160%	
47) 2-Hexanone-d5	8.629	63	163827	113.504	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	113.500%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	339074	54.275	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	108.560%	
66) 1,2-Dichlorobenzene-d4	12.192	152	184415	61.059	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	122.120%#	
Target Compounds						
17) trans-1,2-Dichloroethene	3.353	96	1679	0.593	ug/L	83
18) Methyl tert-butyl Ether	3.359	73	12853	1.495	ug/L #	90
34) Trichloroethene	6.539	95	15970	5.376	ug/L	95
46) Tetrachloroethene	8.552	164	571430	253.843	ug/L	98

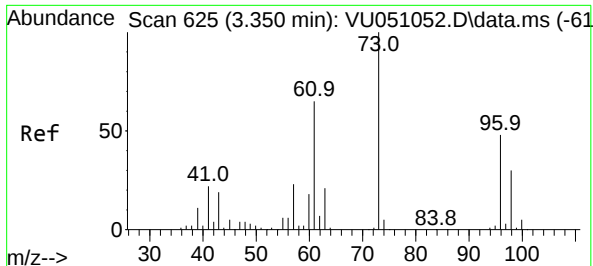
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 0.593 ug/L

RT: 3.353 min Scan# 61

Delta R.T. 0.003 min

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Acq: 01 Oct 2022 03:49

Instrument :

MSVOA_U

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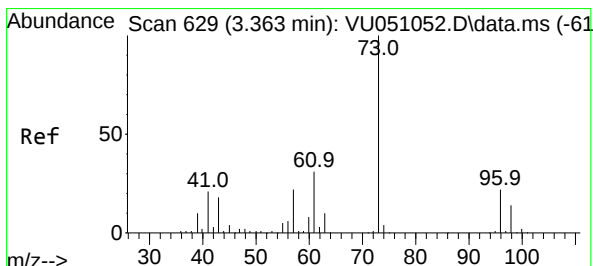
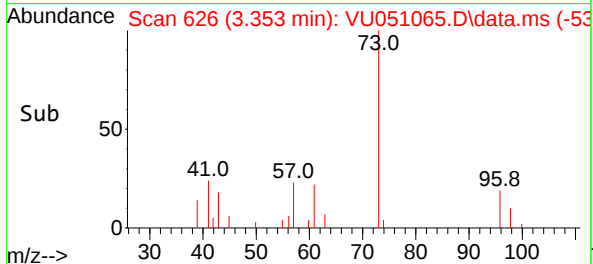
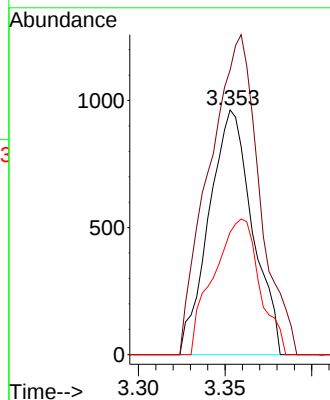
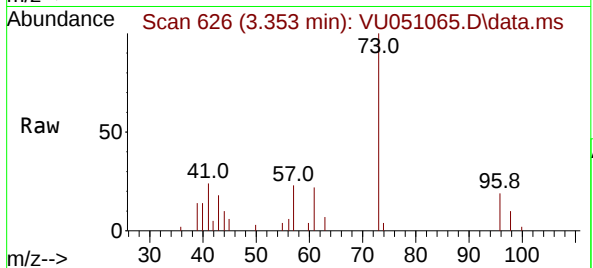
Tgt Ion: 96 Resp: 1679

Ion Ratio Lower Upper

96 100

61 116.3 95.1 176.5

98 50.1 45.1 83.7



#18

Methyl tert-butyl Ether

Concen: 1.495 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

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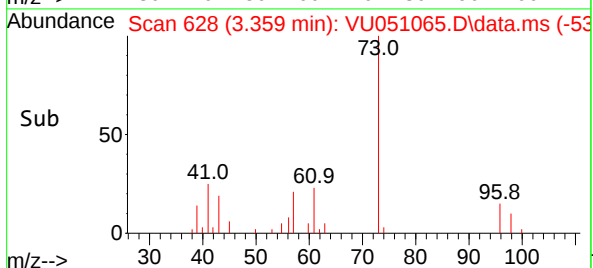
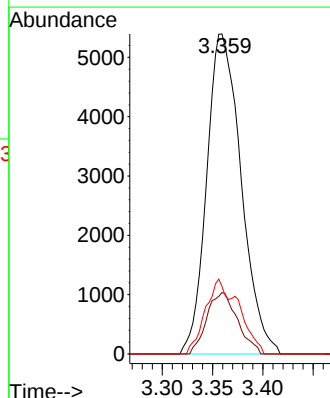
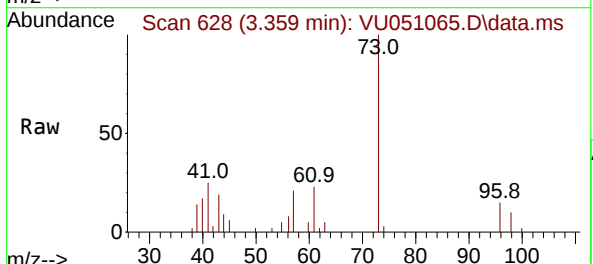
Tgt Ion: 73 Resp: 12853

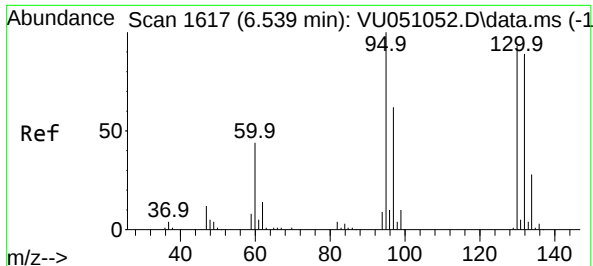
Ion Ratio Lower Upper

73 100

43 17.1 14.7 22.1

57 14.6 17.5 26.3#





#34

Trichloroethene

Concen: 5.376 ug/L

RT: 6.539 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

F5J37

Tgt Ion: 95 Resp: 15970

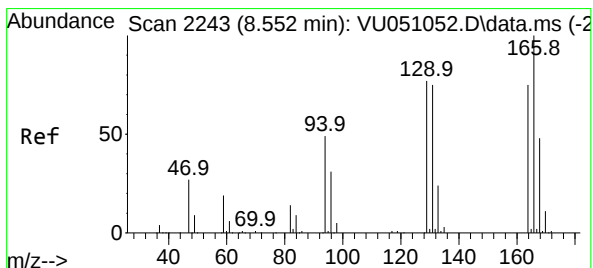
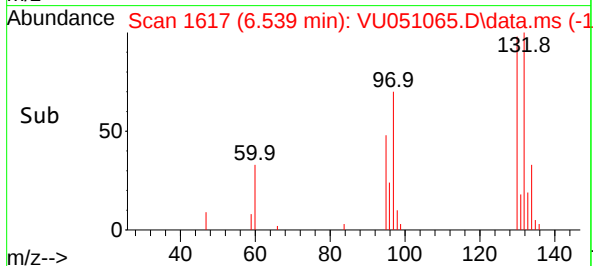
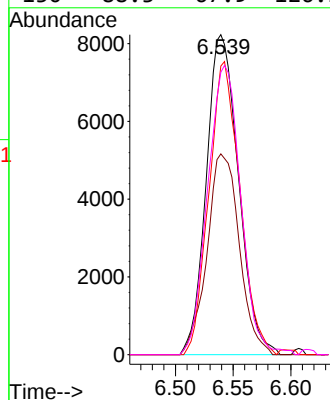
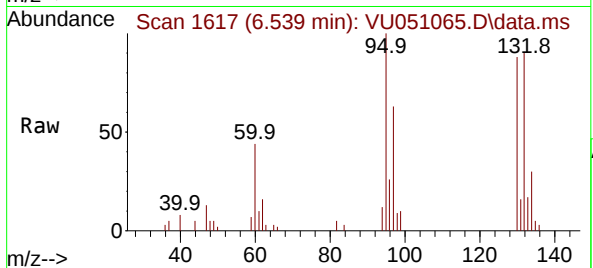
Ion Ratio Lower Upper

95 100

97 62.8 45.9 85.3

132 90.2 64.0 119.0

130 88.3 67.9 126.1



#46

Tetrachloroethene

Concen: 253.843 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.000 min

Lab File: VU051065.D

Acq: 01 Oct 2022 03:49

Tgt Ion: 164 Resp: 571430

Ion Ratio Lower Upper

164 100

129 98.3 68.1 126.5

131 95.2 67.8 126.0

166 127.1 90.5 168.1

