

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042623\
 Data File : VU053917.D
 Acq On : 26 Apr 2023 16:30
 Operator : JC/MD
 Sample : 02488-04 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE60

Quant Time: Apr 27 05:56:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 27 05:52:18 2023
 Response via : Initial Calibration

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

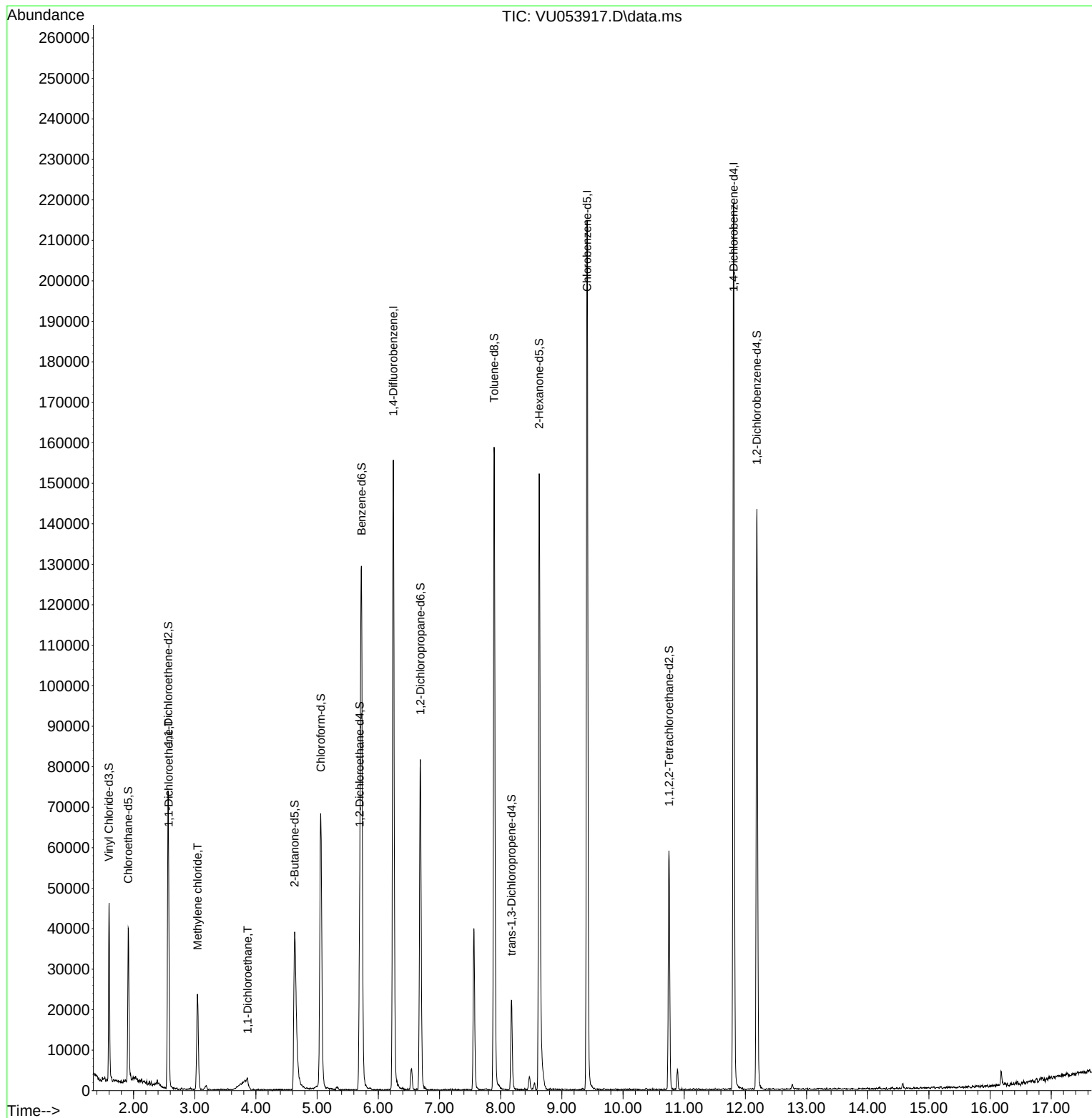
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136646	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	128749	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	61839	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	33550	4.031	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	80.600%	
7) Chloroethane-d5	1.912	69	29087	4.164	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	83.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14076	4.109	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	82.200%	
20) 2-Butanone-d5	4.633	46	68197	44.736	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.480%	
24) Chloroform-d	5.060	84	65838	4.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.697	65	31184	4.302	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.000%	
32) Benzene-d6	5.726	84	128648	4.242	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.800%	
36) 1,2-Dichloropropane-d6	6.687	67	40363	4.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.000%	
41) Toluene-d8	7.893	98	113603	4.013	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.200%	
43) trans-1,3-Dichloroprop...	8.179	79	13434	3.723	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	74.400%	
46) 2-Hexanone-d5	8.629	63	55886	43.760	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.520%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	30971	4.177	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.600%	
66) 1,2-Dichlorobenzene-d4	12.189	152	41190	4.153	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	83.000%	
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.575	96	993	0.116	ug/L	# 1
16) Methylene chloride	3.044	84	12322	1.050	ug/L	97
19) 1,1-Dichloroethane	3.864	63	2258	0.144	ug/L	98

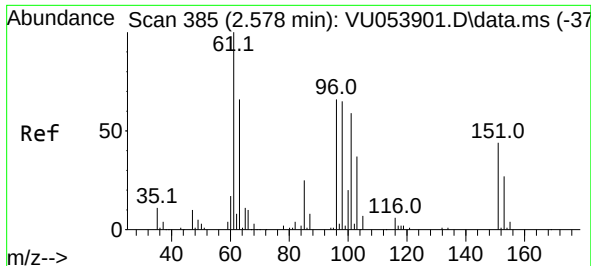
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.575 min Scan# 385

Delta R.T. -0.003 min

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MSVOA_U

ClientSampleId :

BHE60

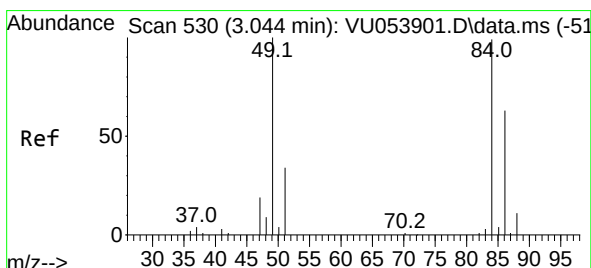
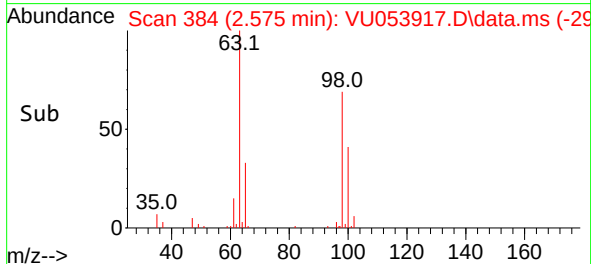
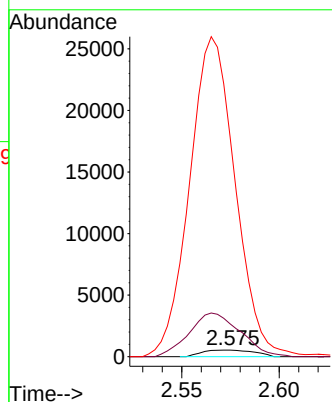
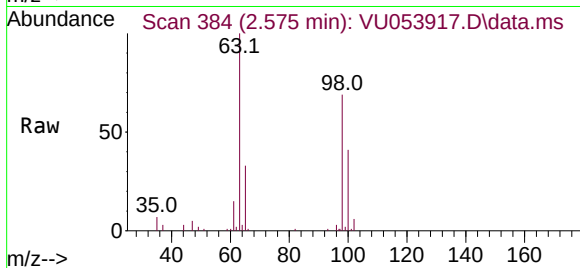
Tgt Ion: 96 Resp: 993

Ion Ratio Lower Upper

96 100

61 498.9 111.5 207.1#

63 3348.6 68.7 127.7#



#16

Methylene chloride

Concen: 1.050 ug/L

RT: 3.044 min Scan# 530

Delta R.T. 0.000 min

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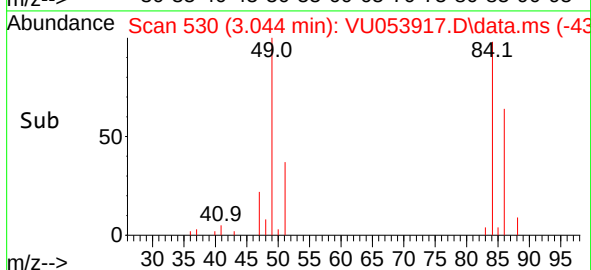
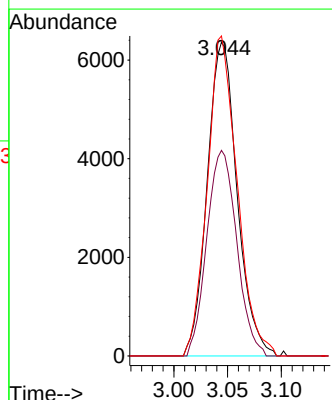
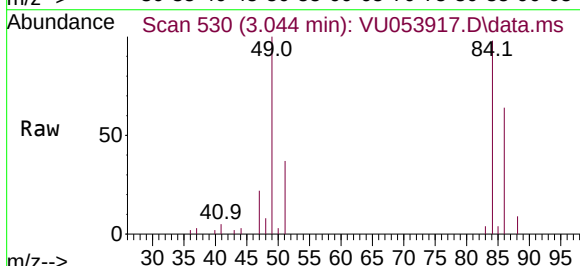
Tgt Ion: 84 Resp: 12322

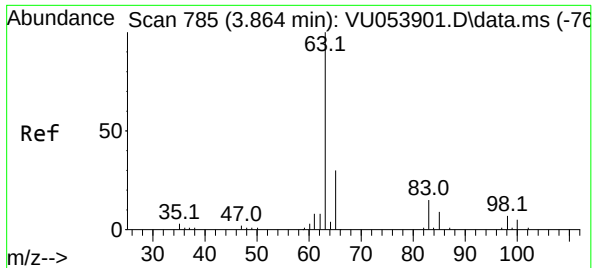
Ion Ratio Lower Upper

84 100

86 65.5 45.0 83.6

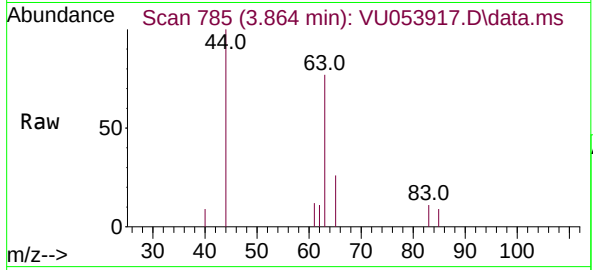
49 102.0 74.8 138.8





#19
 1,1-Dichloroethane
 Concen: 0.144 ug/L
 RT: 3.864 min Scan# 71
 Delta R.T. 0.000 min
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Tgt Ion: 63 Resp: 2258

Ion	Ratio	Lower	Upper
63	100		
65	33.2	22.0	40.8
83	14.8	10.3	19.1

