

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053724.D
 Acq On : 14 Apr 2023 19:30
 Operator : JC/MD
 Sample : 02299-03DL 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AE7DL

Quant Time: Apr 15 05:35:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

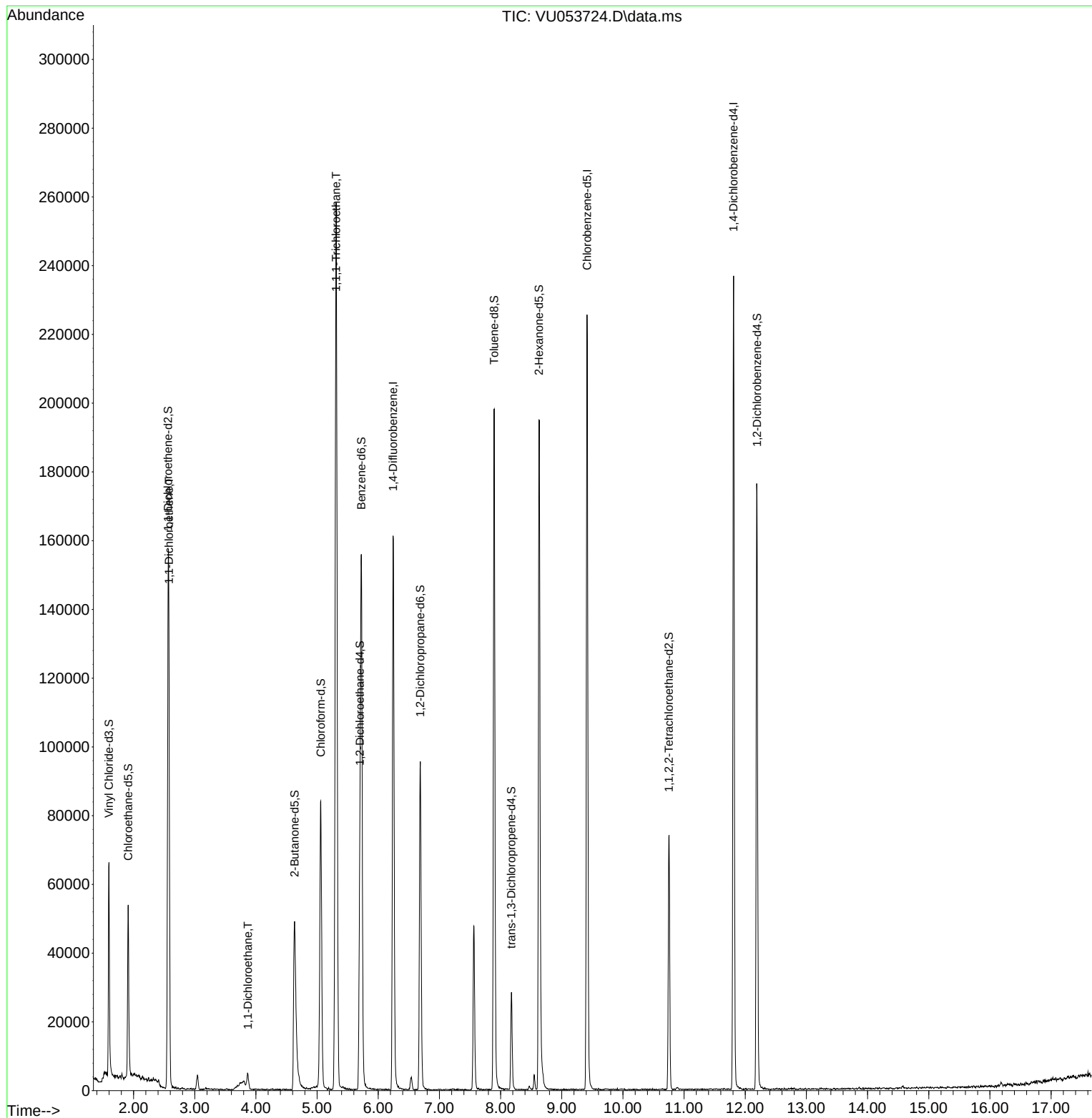
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	138695	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	131873	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	63819	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48386	5.071	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	101.400%	
7) Chloroethane-d5	1.912	69	38671	4.466	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.400%	
11) 1,1-Dichloroethene-d2	2.565	65	17360	4.271	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.400%	
20) 2-Butanone-d5	4.633	46	85285	39.018	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	78.040%	
24) Chloroform-d	5.060	84	76543	4.327	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.600%	
26) 1,2-Dichloroethane-d4	5.700	65	37879	4.179	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
32) Benzene-d6	5.723	84	154293	4.129	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	6.687	67	47932	4.209	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	84.200%	
41) Toluene-d8	7.896	98	140596	3.988	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	8.176	79	16710	3.824	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	76.400%	
46) 2-Hexanone-d5	8.629	63	71632	40.355	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.700%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	35797	3.776	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	75.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	48867	4.256	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	36274	4.619	ug/L	86
19) 1,1-Dichloroethane	3.867	63	5501	0.366	ug/L	# 95
29) 1,1,1-Trichloroethane	5.311	97	186367	14.315	ug/L	98

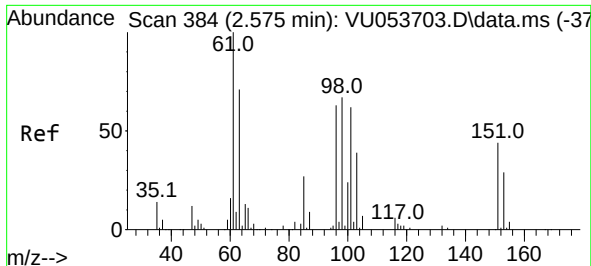
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 4.619 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AE7DL

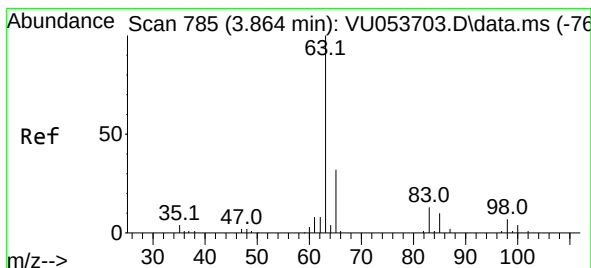
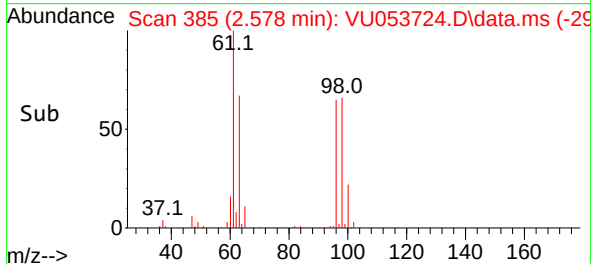
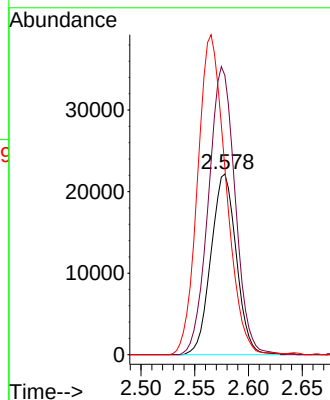
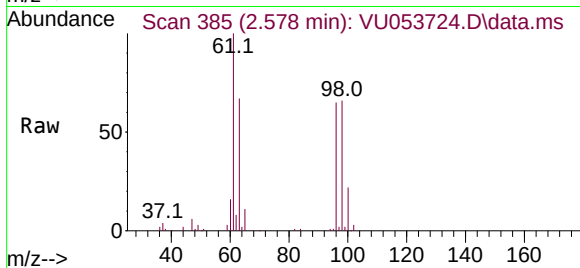
Tgt Ion: 96 Resp: 36274

Ion Ratio Lower Upper

96 100

61 154.6 116.8 216.8

63 103.6 88.6 164.6



#19

1,1-Dichloroethane

Concen: 0.366 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.003 min

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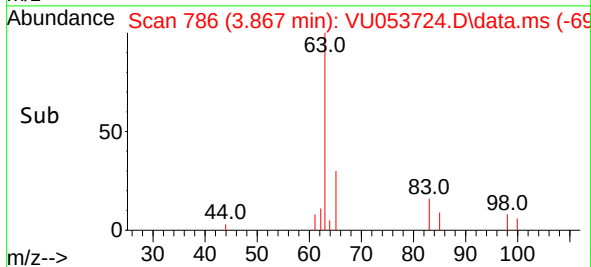
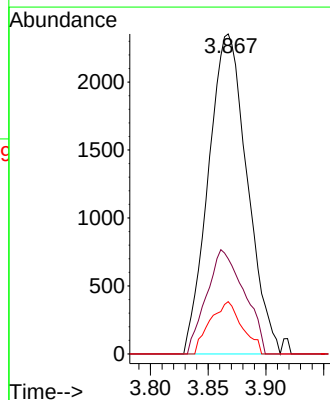
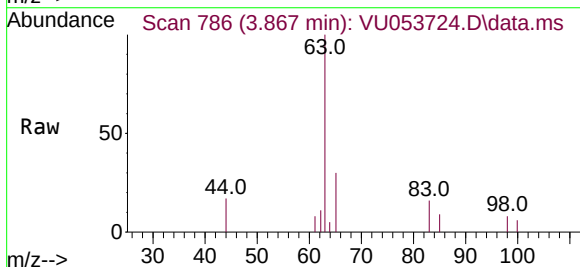
Tgt Ion: 63 Resp: 5501

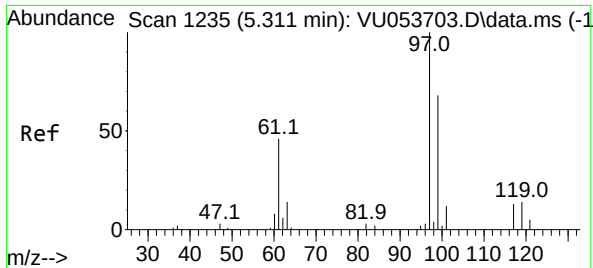
Ion Ratio Lower Upper

63 100

65 29.7 21.7 40.3

83 16.4 8.1 15.1#





#29
 1,1,1-Trichloroethane
 Concen: 14.315 ug/L
 RT: 5.311 min Scan# 11
 Delta R.T. -0.000 min
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 MSVOA_U
 ClientSampleId :
 C0AE7DL

Tgt Ion: 97 Resp: 186367

Ion	Ratio	Lower	Upper
97	100		
99	63.9	49.9	74.9
61	42.7	35.7	53.5

