

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053710.D
 Acq On : 14 Apr 2023 13:50
 Operator : JC/MD
 Sample : 02254-19DL 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC8DL

Quant Time: Apr 15 05:31:41 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)

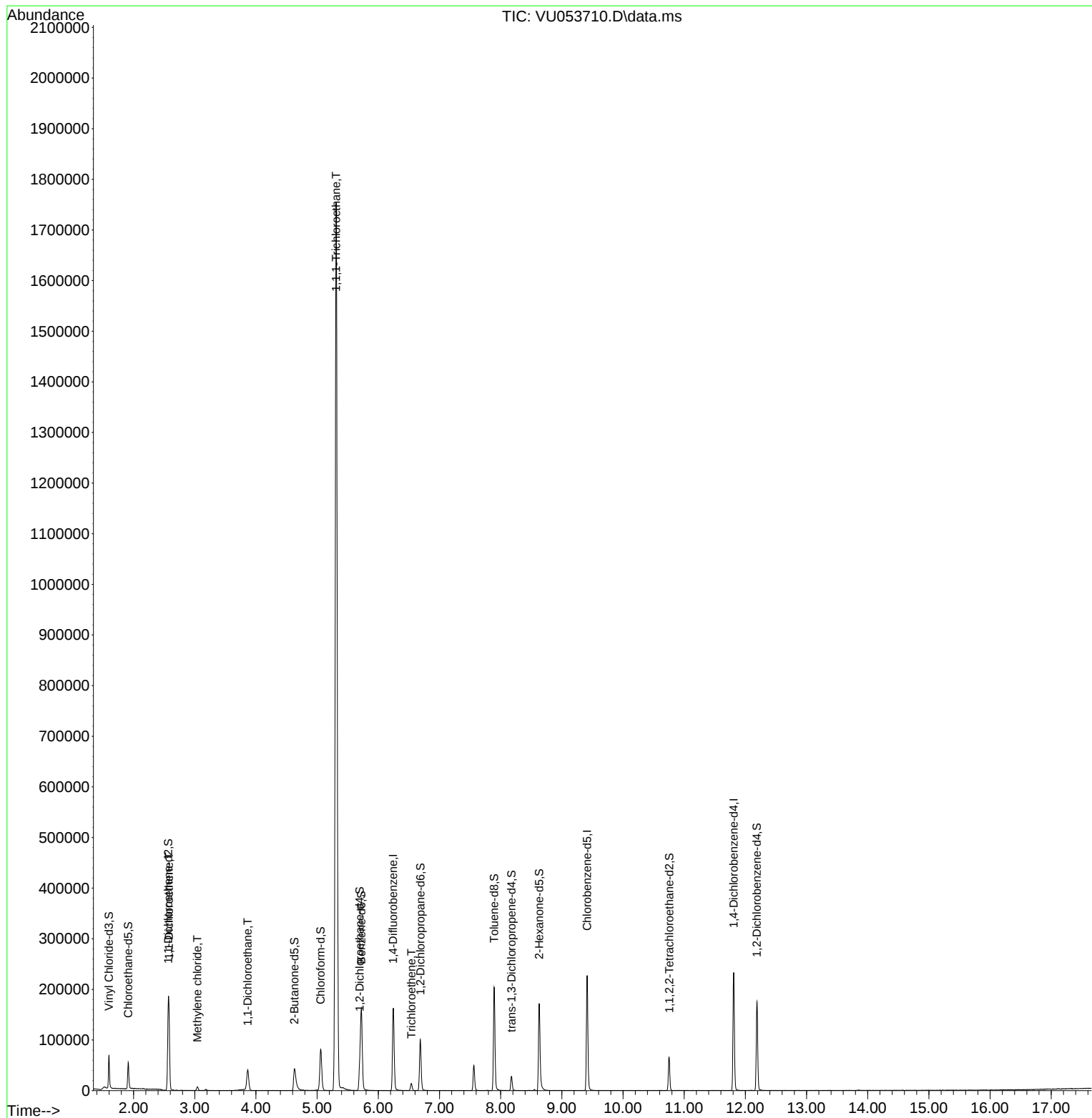
Internal Standards							
1) 1,4-Difluorobenzene		6.243	114	143182	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.414	117	133259	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.809	152	64118	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.597	65	49505	5.026	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.600%	
7) Chloroethane-d5		1.912	69	38911	4.353	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2		2.565	65	18568	4.425	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5		4.629	46	73313	32.490	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.980%	
24) Chloroform-d		5.057	84	78288	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4		5.697	65	36978	3.952	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%	
32) Benzene-d6		5.723	84	160615	4.253	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%	
36) 1,2-Dichloropropane-d6		6.687	67	47424	4.121	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.400%	
41) Toluene-d8		7.893	98	144603	4.059	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...		8.176	79	17460	3.954	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%	
46) 2-Hexanone-d5		8.629	63	63256	35.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.540%	
56) 1,1,2,2-Tetrachloroeth...		10.755	84	33657	3.514	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.200%	
66) 1,2-Dichlorobenzene-d4		12.189	152	49112	4.258	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.200%	
Target Compounds							
						Qvalue	
12) 1,1-Dichloroethene		2.578	96	46928	5.789	ug/L	84
16) Methylene chloride		3.041	84	3642	0.342	ug/L	96
19) 1,1-Dichloroethane		3.864	63	45117	2.909	ug/L #	95
29) 1,1,1-Trichloroethane		5.311	97	1279371	97.247	ug/L	96
34) Trichloroethene		6.539	95	5026	0.529	ug/L	96

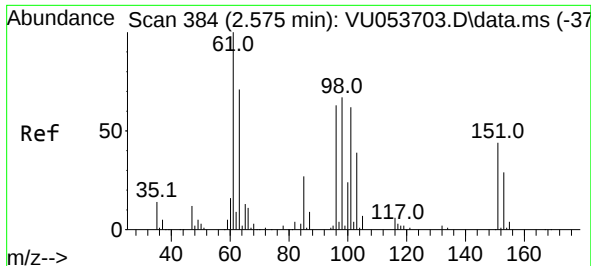
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.789 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

C0AC8DL

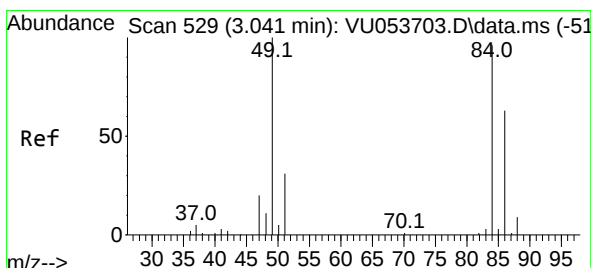
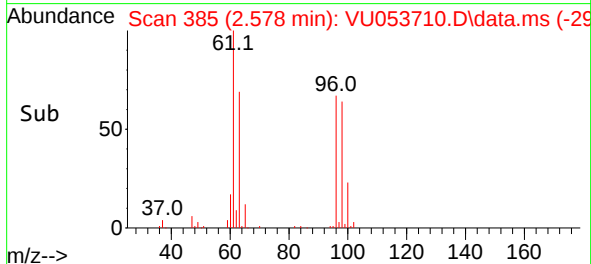
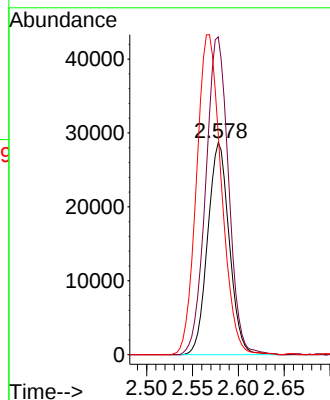
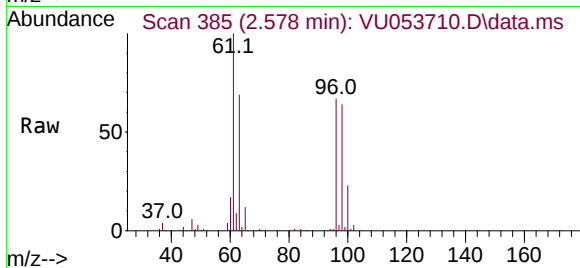
Tgt Ion: 96 Resp: 46928

Ion Ratio Lower Upper

96 100

61 149.7 116.8 216.8

63 103.7 88.6 164.6



#16

Methylene chloride

Concen: 0.342 ug/L

RT: 3.041 min Scan# 529

Delta R.T. 0.000 min

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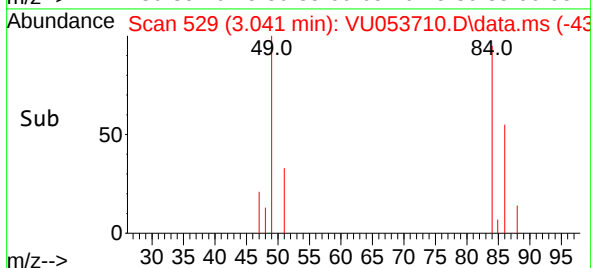
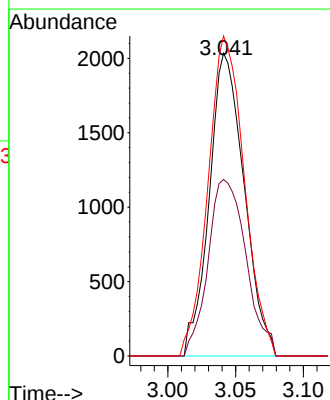
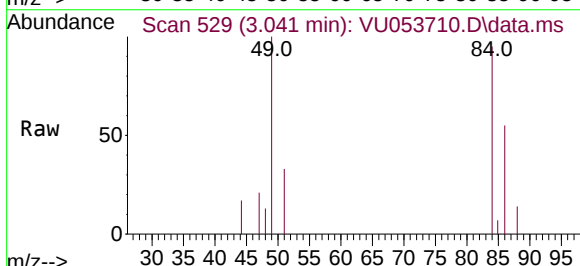
Tgt Ion: 84 Resp: 3642

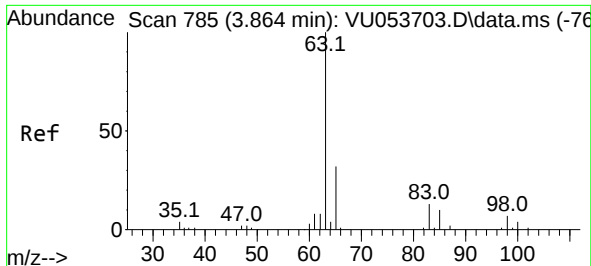
Ion Ratio Lower Upper

84 100

86 58.3 44.7 83.1

49 105.7 75.5 140.1

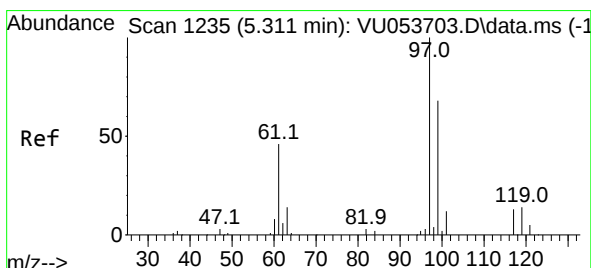
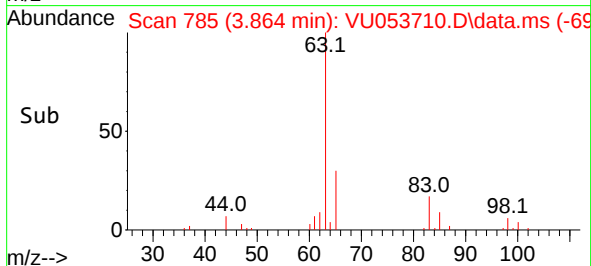
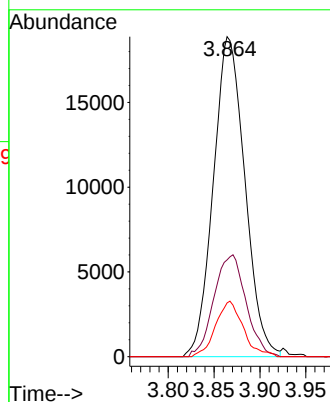
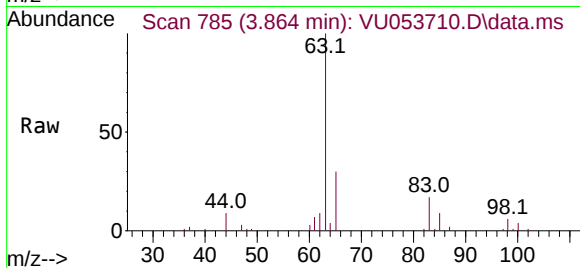




#19
1,1-Dichloroethane
Concen: 2.909 ug/L
RT: 3.864 min Scan# 785
Delta R.T. 0.000 min
Lab File: VU053710.D
Acq: 14 Apr 2023 13:50

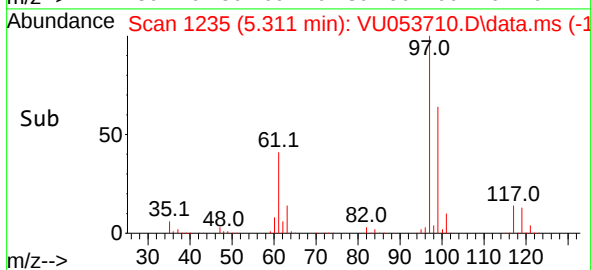
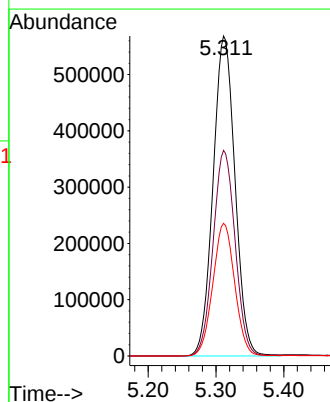
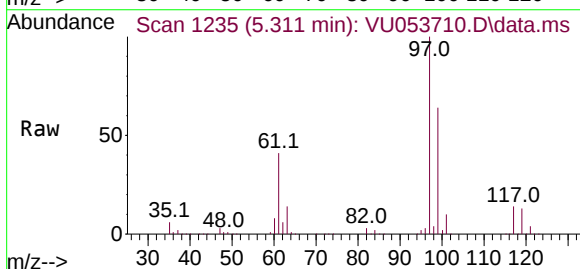
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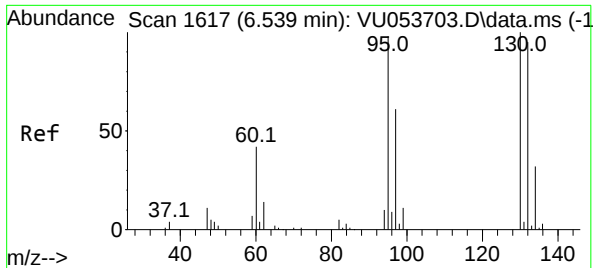
Tgt Ion: 63 Resp: 45117
Ion Ratio Lower Upper
63 100
65 30.3 21.7 40.3
83 16.8 8.1 15.1#



#29
1,1,1-Trichloroethane
Concen: 97.247 ug/L
RT: 5.311 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VU053710.D
Acq: 14 Apr 2023 13:50

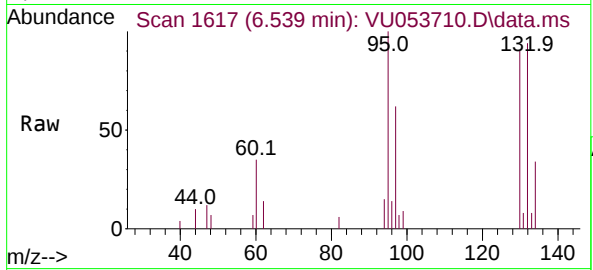
Tgt Ion: 97 Resp: 1279371
Ion Ratio Lower Upper
97 100
99 64.3 49.9 74.9
61 41.3 35.7 53.5





#34
 Trichloroethene
 Concen: 0.529 ug/L
 RT: 6.539 min Scan# 1
 Delta R.T. 0.000 min
 Lab File: VU053710.D
 Acq: 14 Apr 2023 13:50

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC8DL



Tgt Ion: 95 Resp: 5026

Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.3	84.1
132	93.6	62.8	116.6
130	89.6	65.1	120.9

