

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121523\
 Data File : VU056902.D
 Acq On : 16 Dec 2023 00:52
 Operator : MD/SY
 Sample : 05809-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C49

Quant Time: Dec 16 05:12:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 15 01:53:53 2023
 Response via : Initial Calibration

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

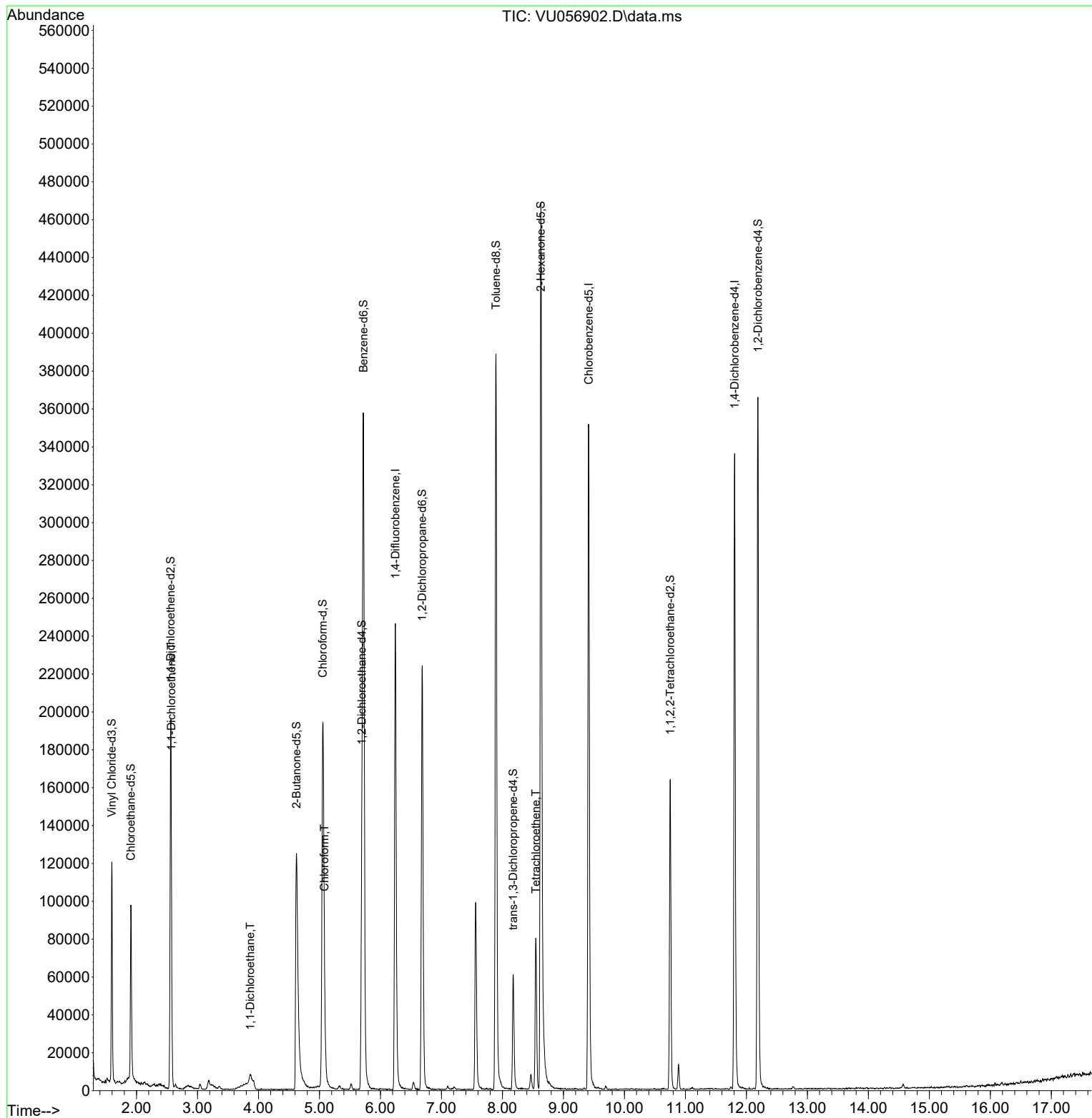
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	200948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	205186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	87613	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	82908	4.813	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.200%	
7) Chloroethane-d5	1.907	69	66749	5.179	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.600%	
11) 1,1-Dichloroethene-d2	2.560	65	36778	4.990	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	4.624	46	207524	61.008	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.020%	
24) Chloroform-d	5.055	84	182832	5.605	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.200%	
26) 1,2-Dichloroethane-d4	5.695	65	90559	5.867	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.400%	
32) Benzene-d6	5.721	84	337502	5.303	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	106.000%	
36) 1,2-Dichloropropane-d6	6.685	67	109994	5.522	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	110.400%	
41) Toluene-d8	7.894	98	271374	4.771	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.400%	
43) trans-1,3-Dichloroprop...	8.177	79	36822	4.767	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.400%	
46) 2-Hexanone-d5	8.631	63	159655	54.797	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.600%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	84805	5.884	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	117.600%	
66) 1,2-Dichlorobenzene-d4	12.190	152	97559	5.665	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	113.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.570	96	2658	0.163	ug/L #	1
19) 1,1-Dichloroethane	3.865	63	4843	0.152	ug/L #	84
25) Chloroform	5.081	83	28721	0.862	ug/L	99
47) Tetrachloroethene	8.547	164	16755	1.210	ug/L	97

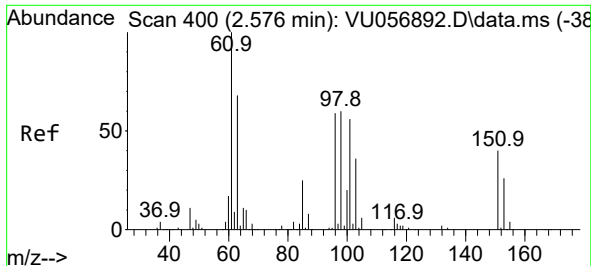
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.163 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

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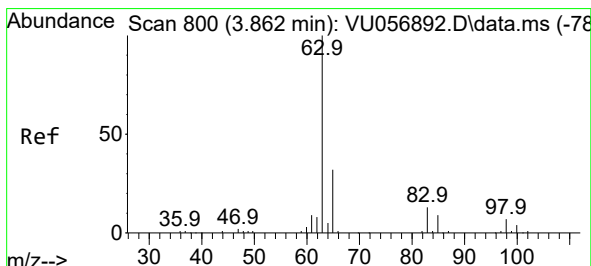
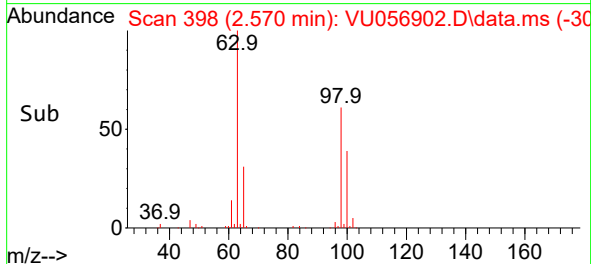
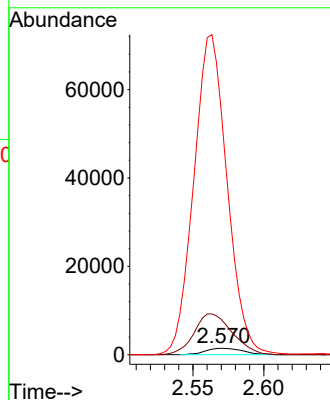
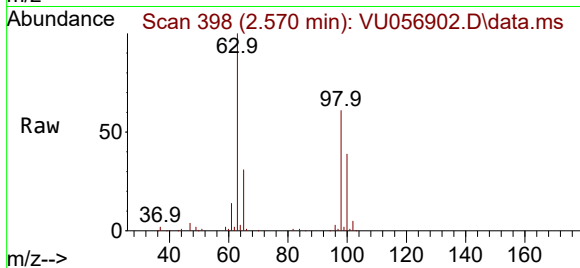
Tgt Ion: 96 Resp: 2658

Ion Ratio Lower Upper

96 100

61 550.8 119.0 221.0#

63 3818.3 88.7 164.7#



#19

1,1-Dichloroethane

Concen: 0.152 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU056902.D

Acq: 16 Dec 2023 00:52

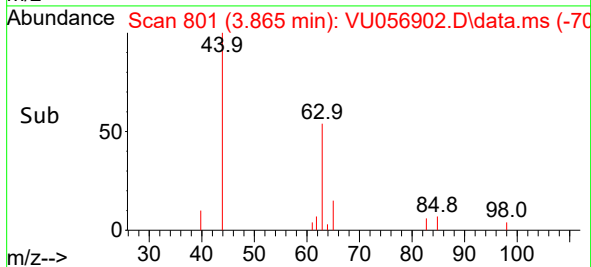
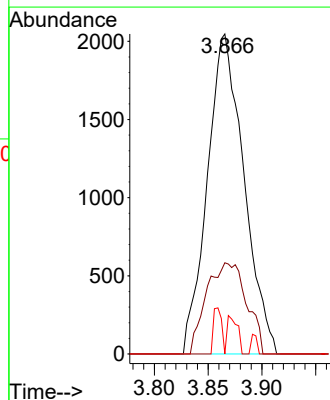
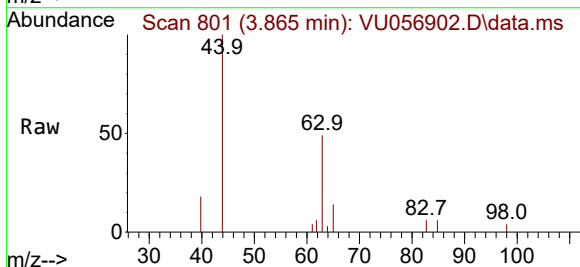
Tgt Ion: 63 Resp: 4843

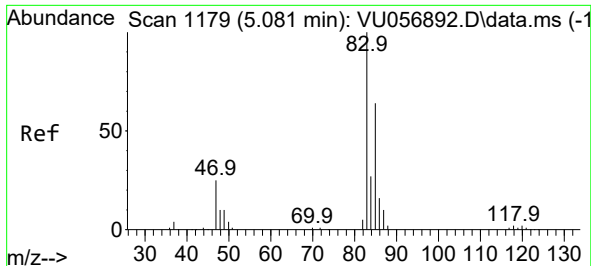
Ion Ratio Lower Upper

63 100

65 28.5 22.9 42.5

83 0.0 10.1 18.9#

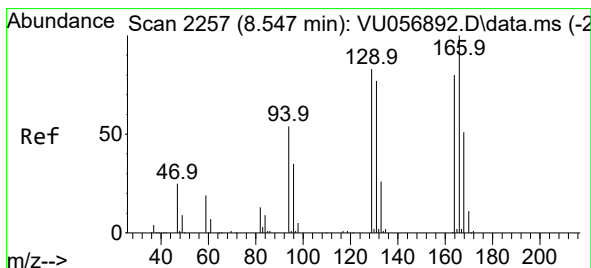
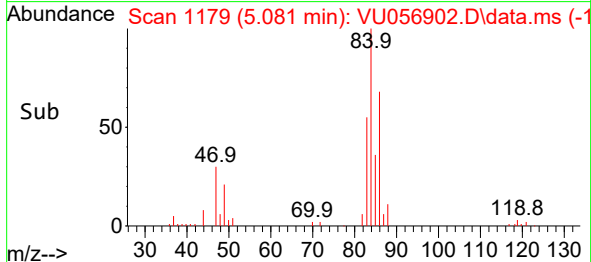
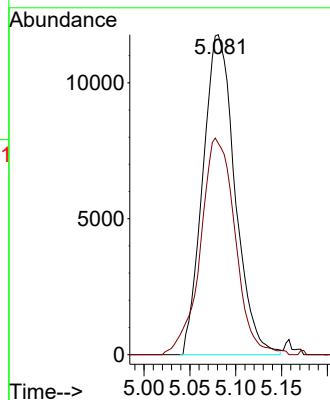
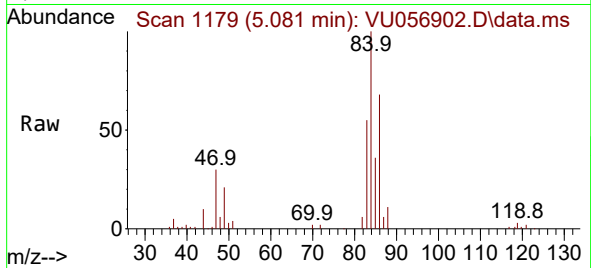




#25
Chloroform
Concen: 0.862 ug/L
RT: 5.081 min Scan# 1179
Delta R.T. -0.000 min
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Tgt Ion: 83 Resp: 28721
Ion Ratio Lower Upper
83 100
85 66.1 45.8 85.0



#47
Tetrachloroethene
Concen: 1.210 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056902.D
Acq: 16 Dec 2023 00:52

Tgt Ion:164 Resp: 16755
Ion Ratio Lower Upper
164 100
129 107.1 73.4 136.4
131 104.0 71.5 132.9
166 137.0 92.7 172.1

