

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121723\
 Data File : VU056972.D
 Acq On : 17 Dec 2023 16:52
 Operator : MD/SY
 Sample : 05842-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F7C20

Quant Time: Dec 18 01:18:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Dec 18 01:16:15 2023
 Response via : Initial Calibration

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

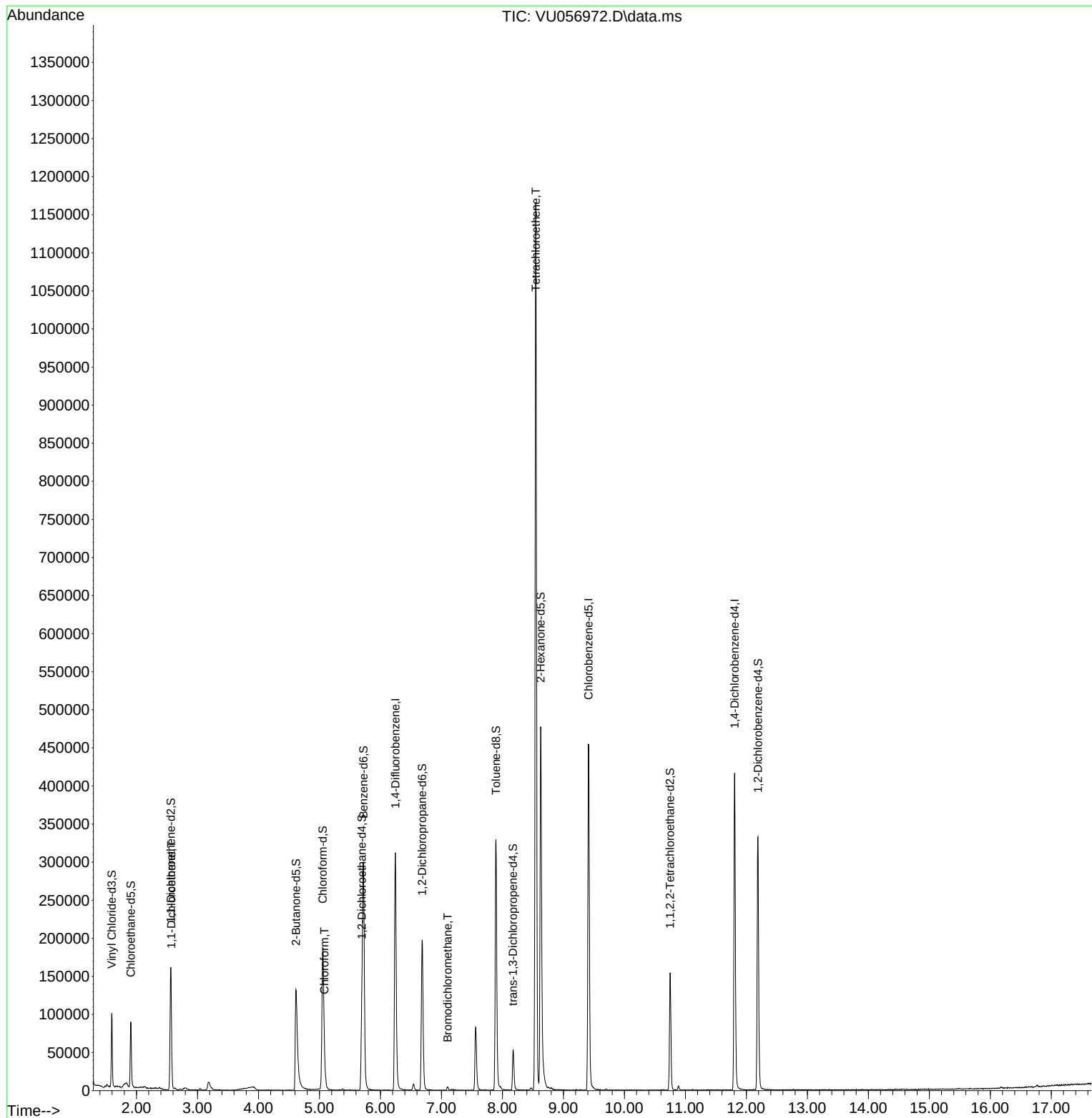
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	255327	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	264561	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	111653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	68028	3.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.200%
7) Chloroethane-d5	1.907	69	66381	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.563	65	30554	3.263	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	4.615	46	208314	48.197	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.400%
24) Chloroform-d	5.055	84	171816	4.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.695	65	78675	4.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.200%
32) Benzene-d6	5.721	84	285396	3.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.600%#
36) 1,2-Dichloropropane-d6	6.685	67	99562	3.876	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.600%
41) Toluene-d8	7.894	98	225704	3.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.600%#
43) trans-1,3-Dichloroprop...	8.174	79	30683	3.080	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.600%
46) 2-Hexanone-d5	8.627	63	156843	41.750	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.500%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	78629	4.231	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	89947	4.098	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.000%
Target Compounds						
12) 1,1-Dichloroethene	2.570	96	3720	0.179	ug/L #	1
25) Chloroform	5.081	83	20855	0.492	ug/L	94
38) Bromodichloromethane	7.103	83	3095	0.102	ug/L #	95
47) Tetrachloroethene	8.547	164	247806	13.883	ug/L	99

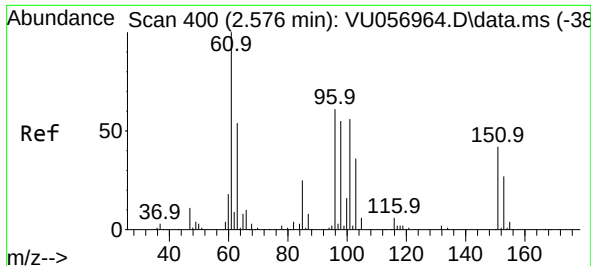
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.179 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

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Instrument :

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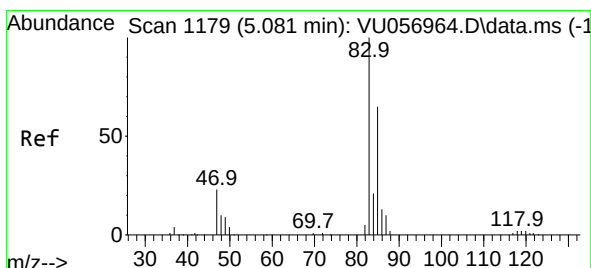
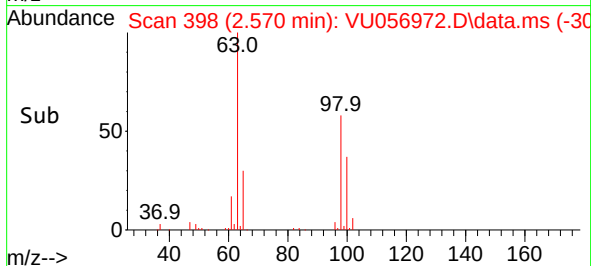
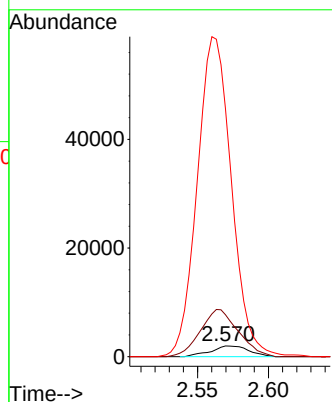
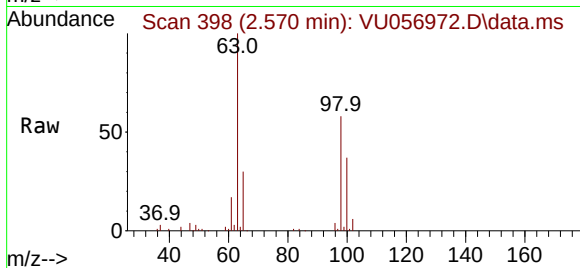
Tgt Ion: 96 Resp: 3720

Ion Ratio Lower Upper

96 100

61 389.6 119.0 221.0#

63 2307.3 88.7 164.7#



#25

Chloroform

Concen: 0.492 ug/L

RT: 5.081 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VU056972.D

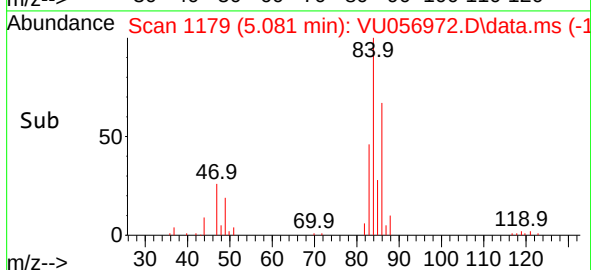
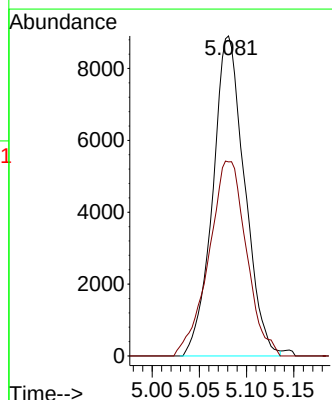
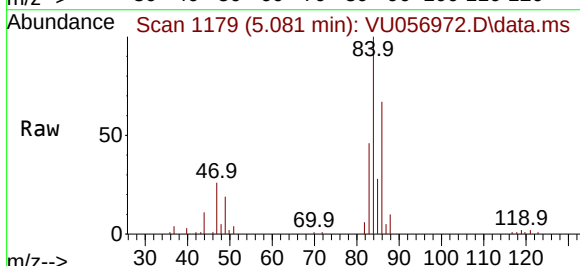
Acq: 17 Dec 2023 16:52

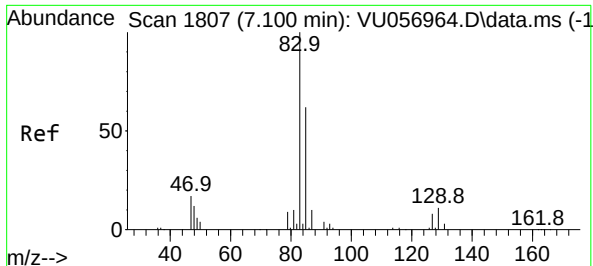
Tgt Ion: 83 Resp: 20855

Ion Ratio Lower Upper

83 100

85 60.7 45.8 85.0





#38

Bromodichloromethane

Concen: 0.102 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

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Instrument :

MSVOA_U

ClientSampleId :

F7C20

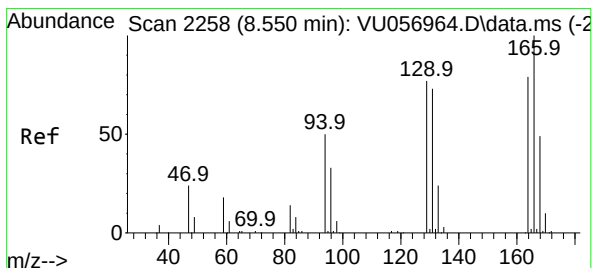
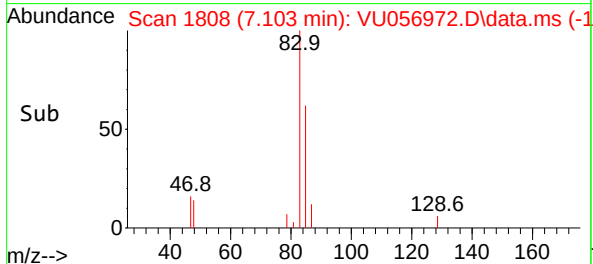
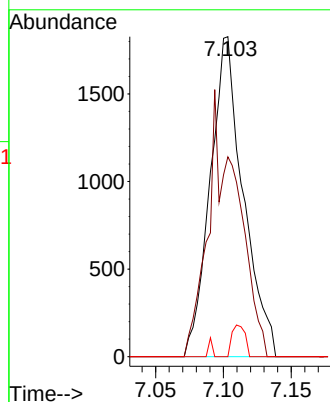
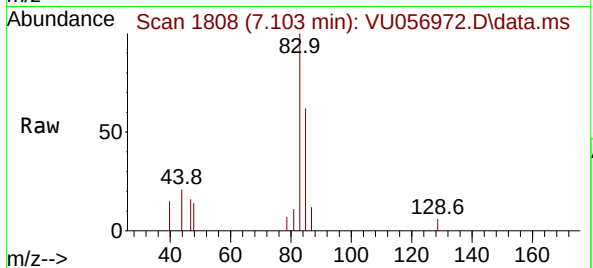
Tgt Ion: 83 Resp: 3095

Ion Ratio Lower Upper

83 100

85 62.5 45.0 83.6

127 0.0 7.0 10.4#



#47

Tetrachloroethene

Concen: 13.883 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

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Tgt Ion:164 Resp: 247806

Ion Ratio Lower Upper

164 100

129 105.1 73.4 136.4

131 101.7 71.5 132.9

166 130.0 92.7 172.1

