

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055908.D
 Acq On : 26 Oct 2023 16:25
 Operator : MD/SY
 Sample : 04952-15
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VHBLK001

Quant Time: Oct 27 02:52:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2023
 Supervised By : Mahesh Dadoda 10/27/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	559815	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	561533	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	295849	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	216814	43.179	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.360%		
7) Chloroethane-d5	1.878	69	178609m	43.515	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	87.040%		
11) 1,1-Dichloroethene-d2	2.557	63	292796	32.703	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	65.400%		
21) 2-Butanone-d5	4.615	46	289751	77.875	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.880%		
24) Chloroform-d	5.055	84	392346	40.758	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.520%		
26) 1,2-Dichloroethane-d4	5.695	65	261415	44.119	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.240%		
32) Benzene-d6	5.721	84	854499	47.561	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.120%		
36) 1,2-Dichloropropane-d6	6.685	67	269200	47.329	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.660%		
41) Toluene-d8	7.894	98	746067	45.988	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.980%		
43) trans-1,3-Dichloroprop...	8.177	79	123705	45.276	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	90.560%		
47) 2-Hexanone-d5	8.634	63	266560	119.211	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	119.210%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	433205	49.481	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.960%		
66) 1,2-Dichlorobenzene-d4	12.190	152	309151	52.658	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.320%		
Target Compounds						Qvalue
25) Chloroform	5.081	83	18717	2.153	ug/L	96
46) Tetrachloroethene	8.553	164	4346	1.250	ug/L	91

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

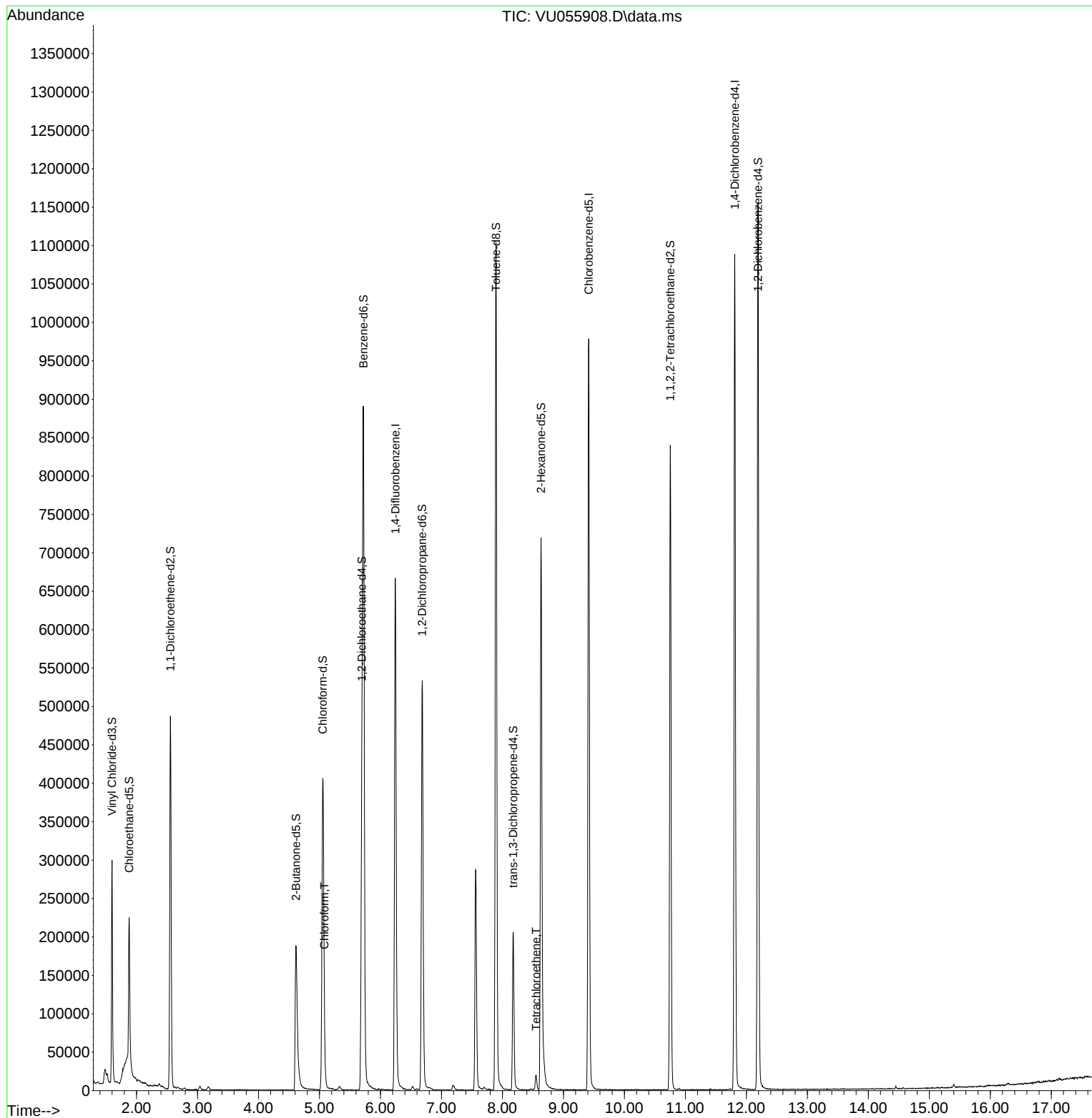
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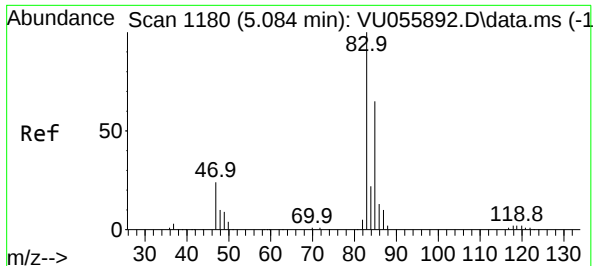
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#25

Chloroform

Concen: 2.153 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055908.D

Acq: 26 Oct 2023 16:25

Instrument :

MSVOA_U

ClientSampleId :

VHBLK001

Tgt Ion: 83 Resp: 1871

Ion Ratio Lower Upper

83 100

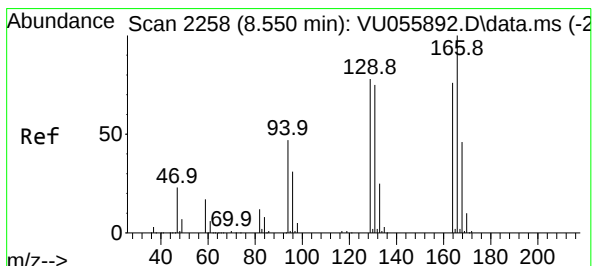
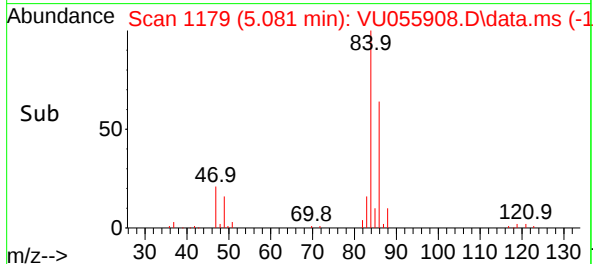
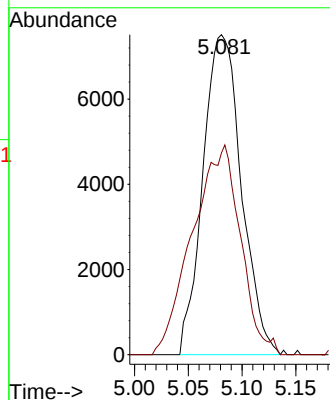
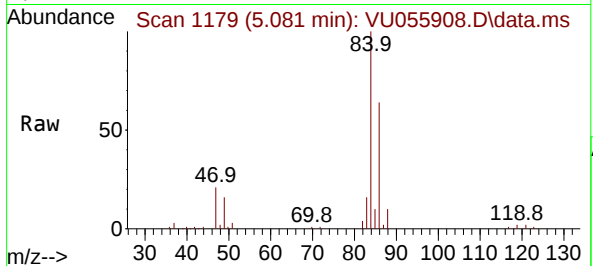
85 63.1 46.3 86.1

Manual Integrations

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#46

Tetrachloroethene

Concen: 1.250 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

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Acq: 26 Oct 2023 16:25

Tgt Ion:164 Resp: 4346

Ion Ratio Lower Upper

164 100

129 98.6 70.7 131.3

131 77.2 65.9 122.5

166 117.5 87.8 163.0

