

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102523\
 Data File : VU055886.D
 Acq On : 25 Oct 2023 17:58
 Operator : MD/SY
 Sample : 04946-03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EY1B7

Quant Time: Oct 26 01:55:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 26 01:50:39 2023
 Response via : Initial Calibration

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

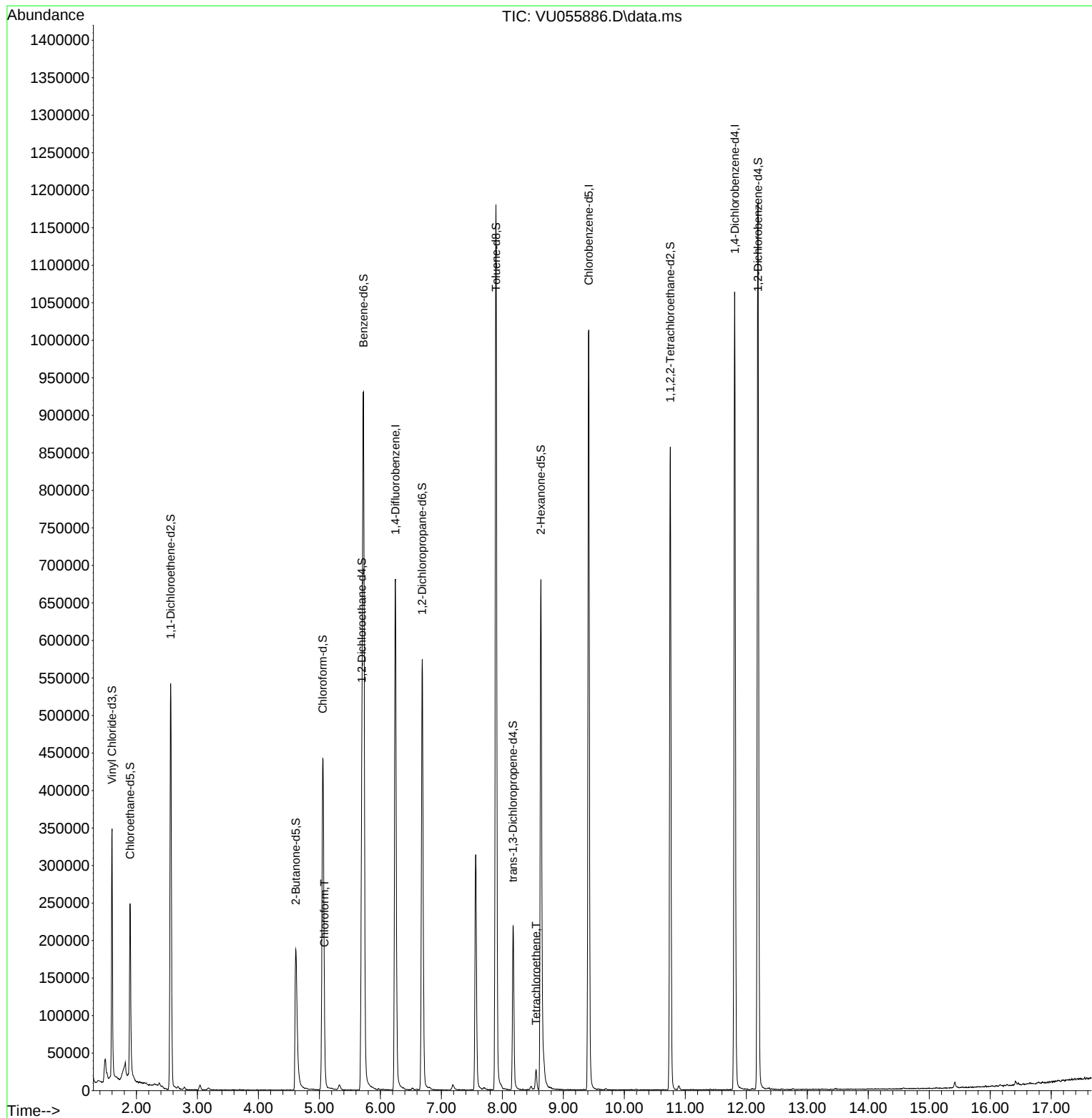
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	568349	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	569282	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	288423	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	240455	47.168	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.340%
7) Chloroethane-d5	1.895	69	197709	47.445	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.900%
11) 1,1-Dichloroethene-d2	2.560	63	328327	36.120	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.240%
21) 2-Butanone-d5	4.612	46	292255	77.369	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.370%
24) Chloroform-d	5.055	84	429462	43.944	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.880%
26) 1,2-Dichloroethane-d4	5.695	65	278025	46.218	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.440%
32) Benzene-d6	5.721	84	904915	49.681	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.360%
36) 1,2-Dichloropropane-d6	6.685	67	286018	49.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.200%
41) Toluene-d8	7.894	98	806004	49.006	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.020%
43) trans-1,3-Dichloroprop...	8.174	79	129642	46.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.600%
47) 2-Hexanone-d5	8.631	63	247442	109.155	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.150%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	432561	48.735	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.460%
66) 1,2-Dichlorobenzene-d4	12.190	152	312587	54.614	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.220%
Target Compounds						
					Qvalue	
25) Chloroform	5.081	83	10841	1.228	ug/L	89
46) Tetrachloroethene	8.554	164	5549	1.574	ug/L	96

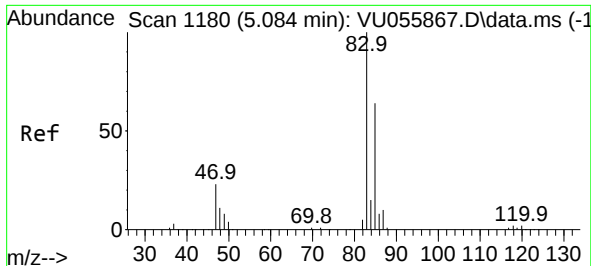
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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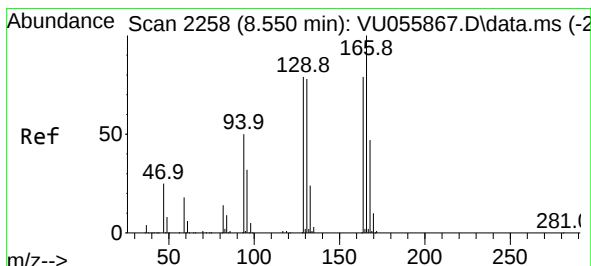
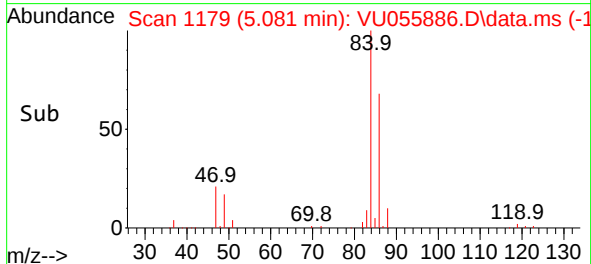
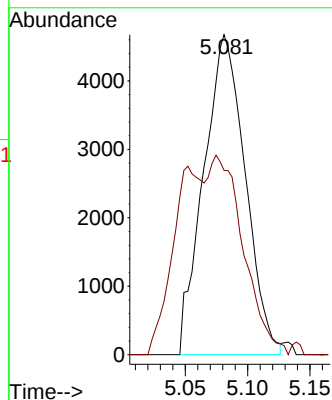
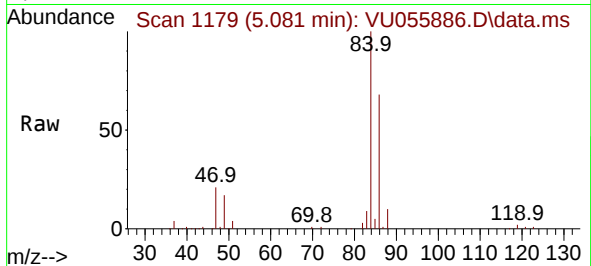




#25
Chloroform
Concen: 1.228 ug/L
RT: 5.081 min Scan# 1180
Delta R.T. -0.003 min
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Instrument :
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Tgt Ion: 83 Resp: 10841
Ion Ratio Lower Upper
83 100
85 57.6 46.3 86.1



#46
Tetrachloroethene
Concen: 1.574 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055886.D
Acq: 25 Oct 2023 17:58

Tgt Ion:164 Resp: 5549
Ion Ratio Lower Upper
164 100
129 93.3 70.7 131.3
131 93.7 65.9 122.5
166 130.0 87.8 163.0

