

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055906.D
 Acq On : 26 Oct 2023 15:36
 Operator : MD/SY
 Sample : 04961-14ME
 Misc : 5.71g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 27 02:52:14 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

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

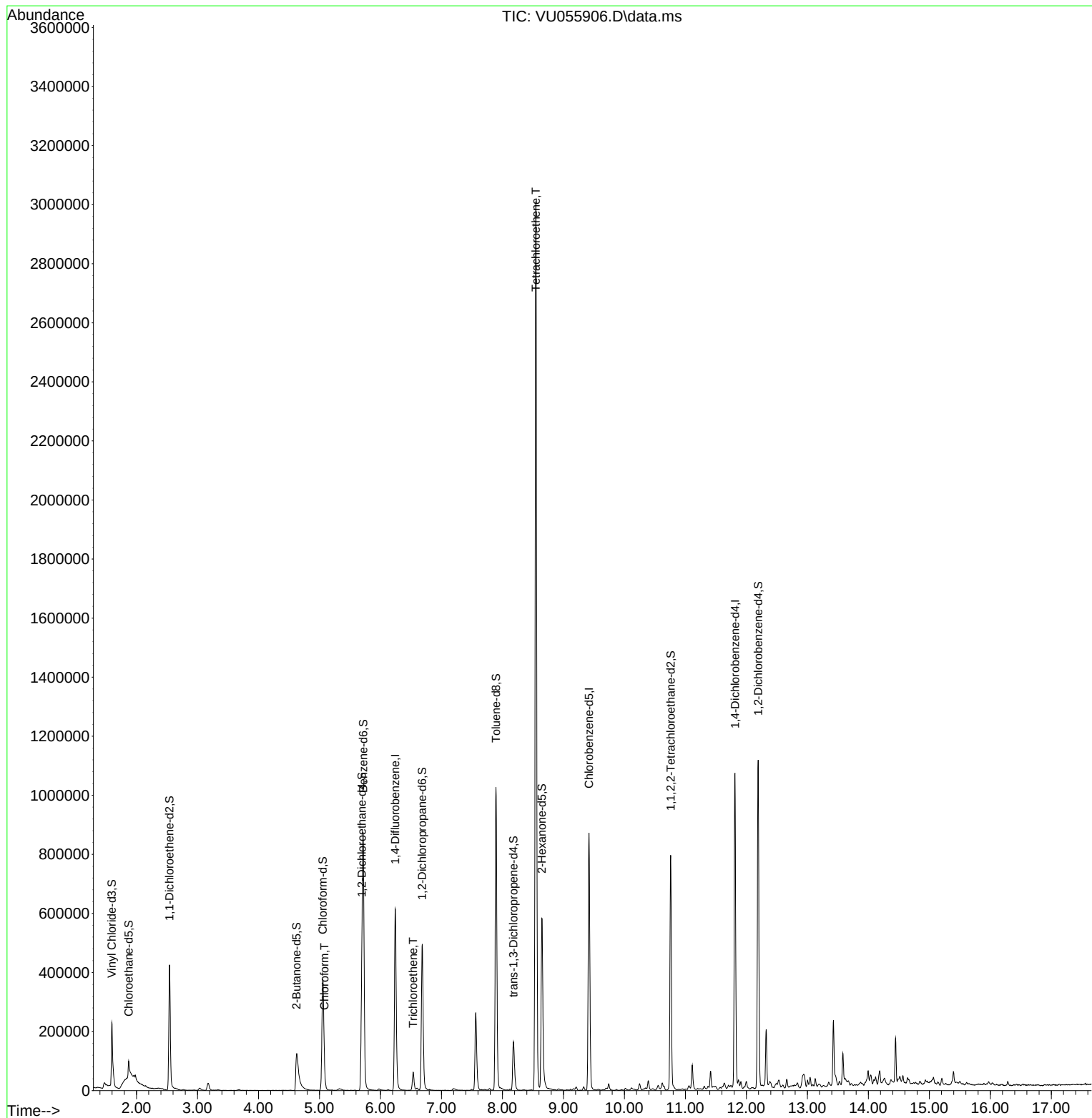
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	537256	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	555207	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	290950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	207335	43.025	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.040%	
7) Chloroethane-d5	1.872	69	63173	16.037	ug/L	-0.04
Spiked Amount	50.000	Range 70 - 130	Recovery	=	32.080%#	
11) 1,1-Dichloroethene-d2	2.541	63	273577	31.839	ug/L	-0.03
Spiked Amount	50.000	Range 60 - 125	Recovery	=	63.680%	
21) 2-Butanone-d5	4.624	46	253210	70.912	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	70.910%	
24) Chloroform-d	5.055	84	376106	40.711	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	81.420%	
26) 1,2-Dichloroethane-d4	5.695	65	249536	43.883	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	87.760%	
32) Benzene-d6	5.718	84	804743	45.302	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	90.600%	
36) 1,2-Dichloropropane-d6	6.685	67	254612	45.274	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	90.540%	
41) Toluene-d8	7.894	98	733270	45.714	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	91.420%	
43) trans-1,3-Dichloroprop...	8.180	79	122576	45.374	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	90.740%	
47) 2-Hexanone-d5	8.647	63	241626	109.291	ug/L	0.02
Spiked Amount	100.000	Range 45 - 130	Recovery	=	109.290%	
56) 1,1,2,2-Tetrachloroeth...	10.759	84	389871	45.039	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	90.080%	
66) 1,2-Dichlorobenzene-d4	12.193	152	298211	51.650	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.300%	
Target Compounds						
					Qvalue	
25) Chloroform	5.081	83	14530	1.741	ug/L	90
34) Trichloroethene	6.537	95	19801	4.123	ug/L	96
46) Tetrachloroethene	8.547	164	681553	198.231	ug/L	98

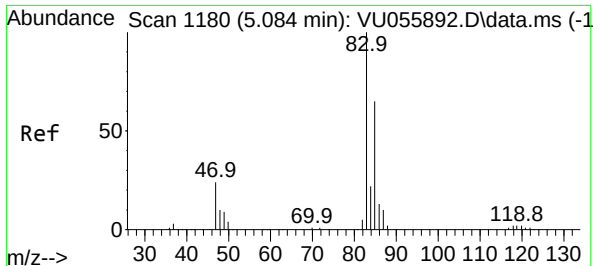
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 1.741 ug/L

RT: 5.081 min Scan# 1180

Delta R.T. -0.003 min

Lab File: VU055906.D

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Instrument :

MSVOA_U

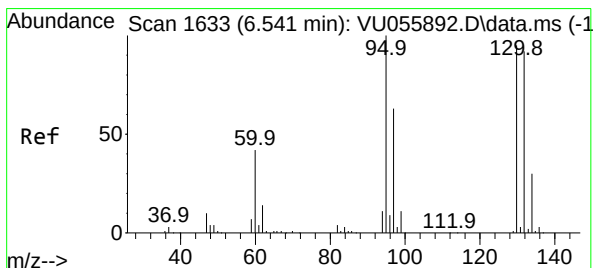
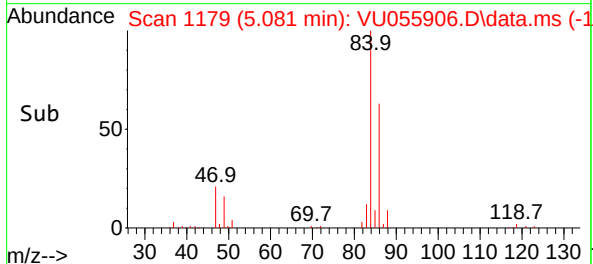
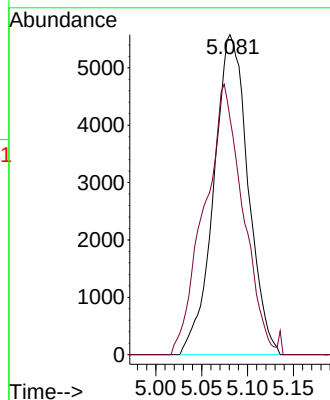
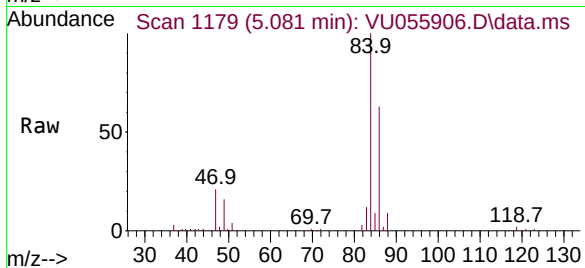
ClientSampleId :

Tgt Ion: 83 Resp: 14530

Ion Ratio Lower Upper

83 100

85 73.9 46.3 86.1



#34

Trichloroethene

Concen: 4.123 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.003 min

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Tgt Ion: 95 Resp: 19801

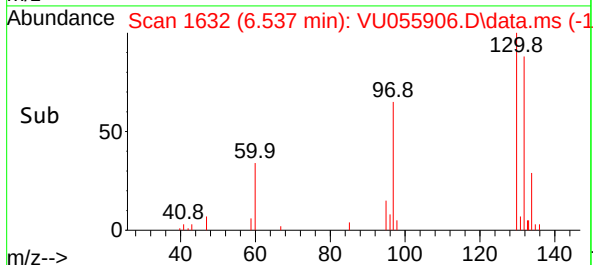
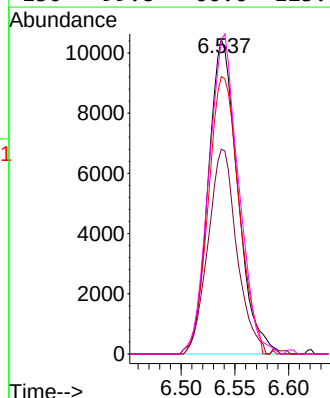
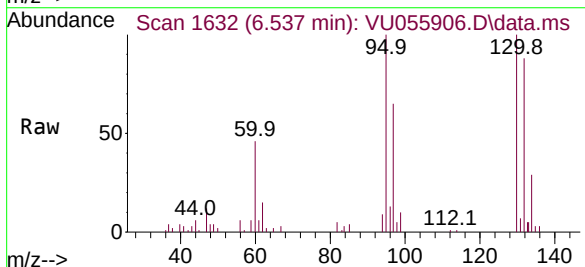
Ion Ratio Lower Upper

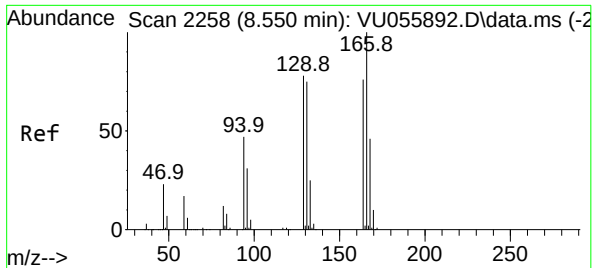
95 100

97 65.0 44.4 82.5

132 93.5 61.8 114.8

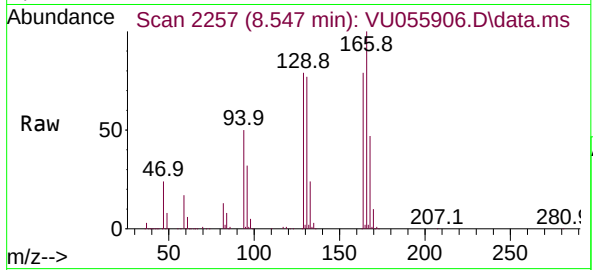
130 99.8 66.6 123.8





#46
 Tetrachloroethene
 Concen: 198.231 ug/L
 RT: 8.547 min Scan# 21
 Delta R.T. -0.003 min
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Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	164	Resp:	681553
Ion	Ratio	Lower	Upper
164	100		
129	99.5	70.7	131.3
131	97.5	65.9	122.5
166	126.4	87.8	163.0

