

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055833.D
 Acq On : 20 Oct 2023 15:27
 Operator : MD/SY
 Sample : 04947-08 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 23 01:08:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 23 01:04:15 2023
 Response via : Initial Calibration

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

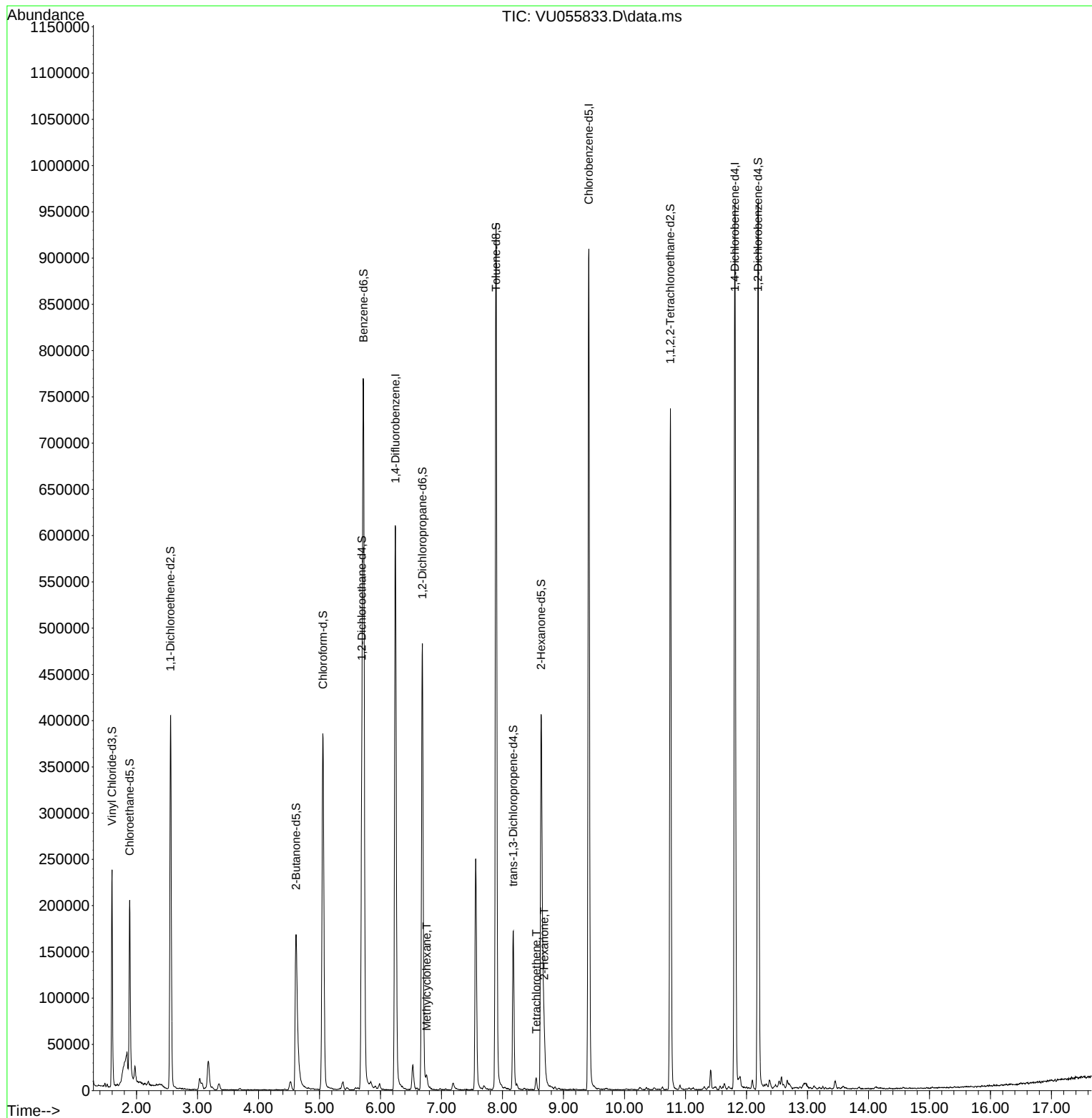
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	502997	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	509493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	250604	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	167348	37.092	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.180%
7) Chloroethane-d5	1.888	69	149404	40.511	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.020%
11) 1,1-Dichloroethene-d2	2.557	63	245958	30.574	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.140%
21) 2-Butanone-d5	4.615	46	268378	80.279	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.280%
24) Chloroform-d	5.055	84	365140	42.216	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.440%
26) 1,2-Dichloroethane-d4	5.695	65	240287	45.134	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.260%
32) Benzene-d6	5.721	84	724211	44.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
36) 1,2-Dichloropropane-d6	6.685	67	233434	45.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.460%
41) Toluene-d8	7.894	98	633902	43.065	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.120%
43) trans-1,3-Dichloroprop...	8.177	79	100627	40.591	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.180%
47) 2-Hexanone-d5	8.634	63	132348	65.234	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	65.230%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	368893	46.439	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.880%
66) 1,2-Dichlorobenzene-d4	12.190	152	250201	50.311	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.620%
Target Compounds						
					Qvalue	
35) Methylcyclohexane	6.756	83	5578	0.872	ug/L #	91
46) Tetrachloroethene	8.553	164	2978	0.944	ug/L	95
48) 2-Hexanone	8.685	43	31498	6.044	ug/L #	87

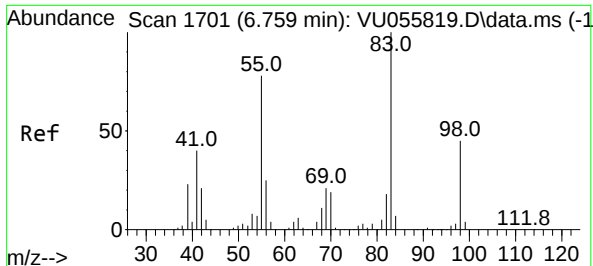
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 0.872 ug/L

RT: 6.756 min Scan# 1700

Delta R.T. -0.003 min

Lab File: VU055833.D

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Instrument :

MSVOA_U

ClientSampleId :

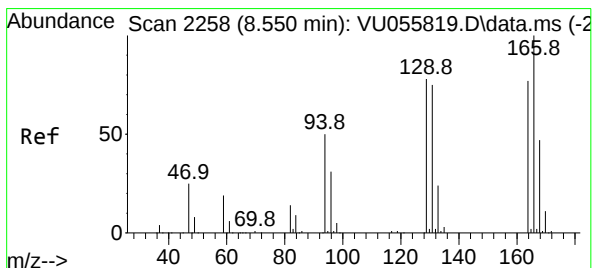
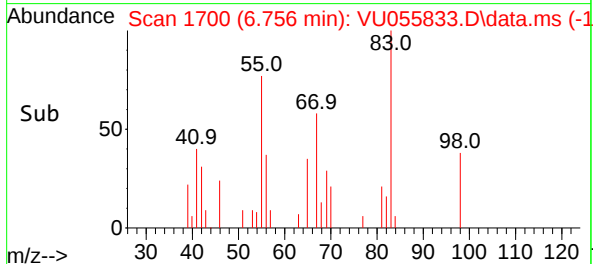
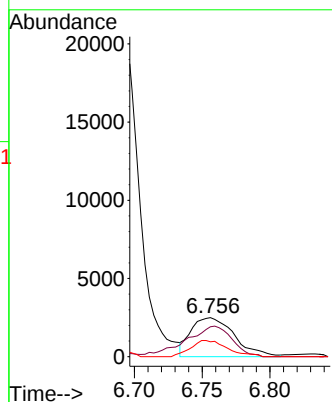
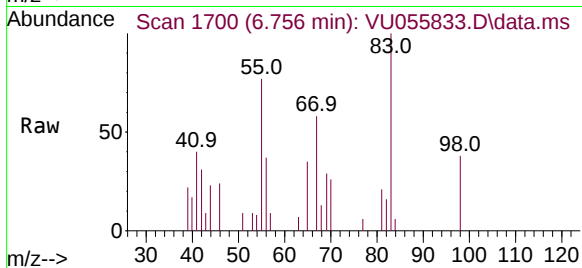
Tgt Ion: 83 Resp: 5578

Ion Ratio Lower Upper

83 100

55 81.0 61.2 91.8

98 35.2 35.8 53.6#



#46

Tetrachloroethene

Concen: 0.944 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. 0.003 min

Lab File: VU055833.D

Acq: 20 Oct 2023 15:27

Tgt Ion: 164 Resp: 2978

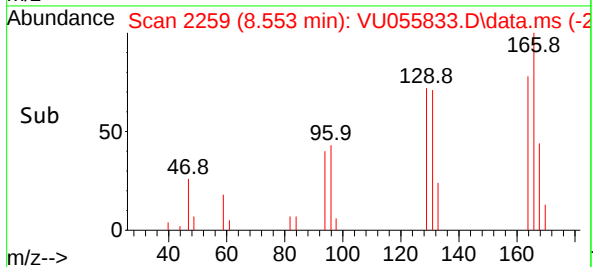
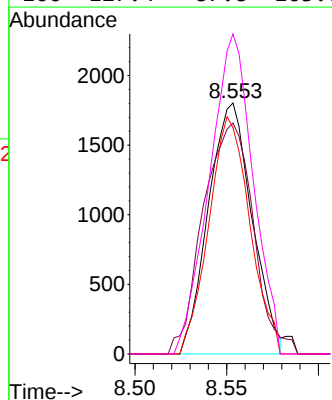
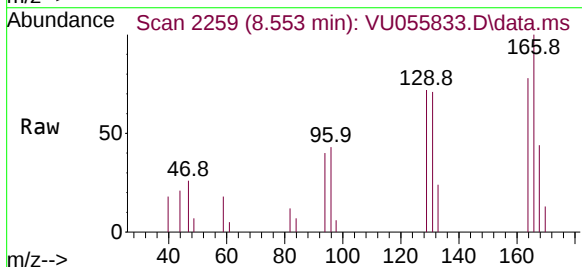
Ion Ratio Lower Upper

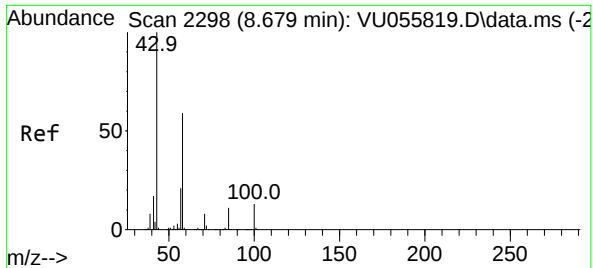
164 100

129 92.0 70.7 131.3

131 90.1 65.9 122.5

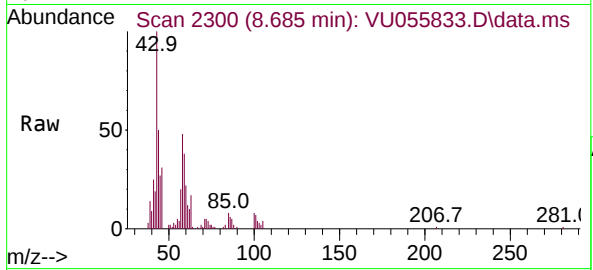
166 127.4 87.8 163.0





#48
 2-Hexanone
 Concen: 6.044 ug/L
 RT: 8.685 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU055833.D
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 MSVOA_U
 ClientSampleId :



Tgt Ion: 43	Resp: 31498
Ion Ratio	Lower Upper
43	100
58	45.6 45.2 67.8
57	16.4 16.1 24.1
100	5.9 9.7 14.5#

