

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055732.D
 Acq On : 10 Oct 2023 19:38
 Operator : MD/SY
 Sample : 04747-03
 Misc : 5.83g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX836

Quant Time: Oct 11 05:56:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 11 05:51:51 2023
 Response via : Initial Calibration

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

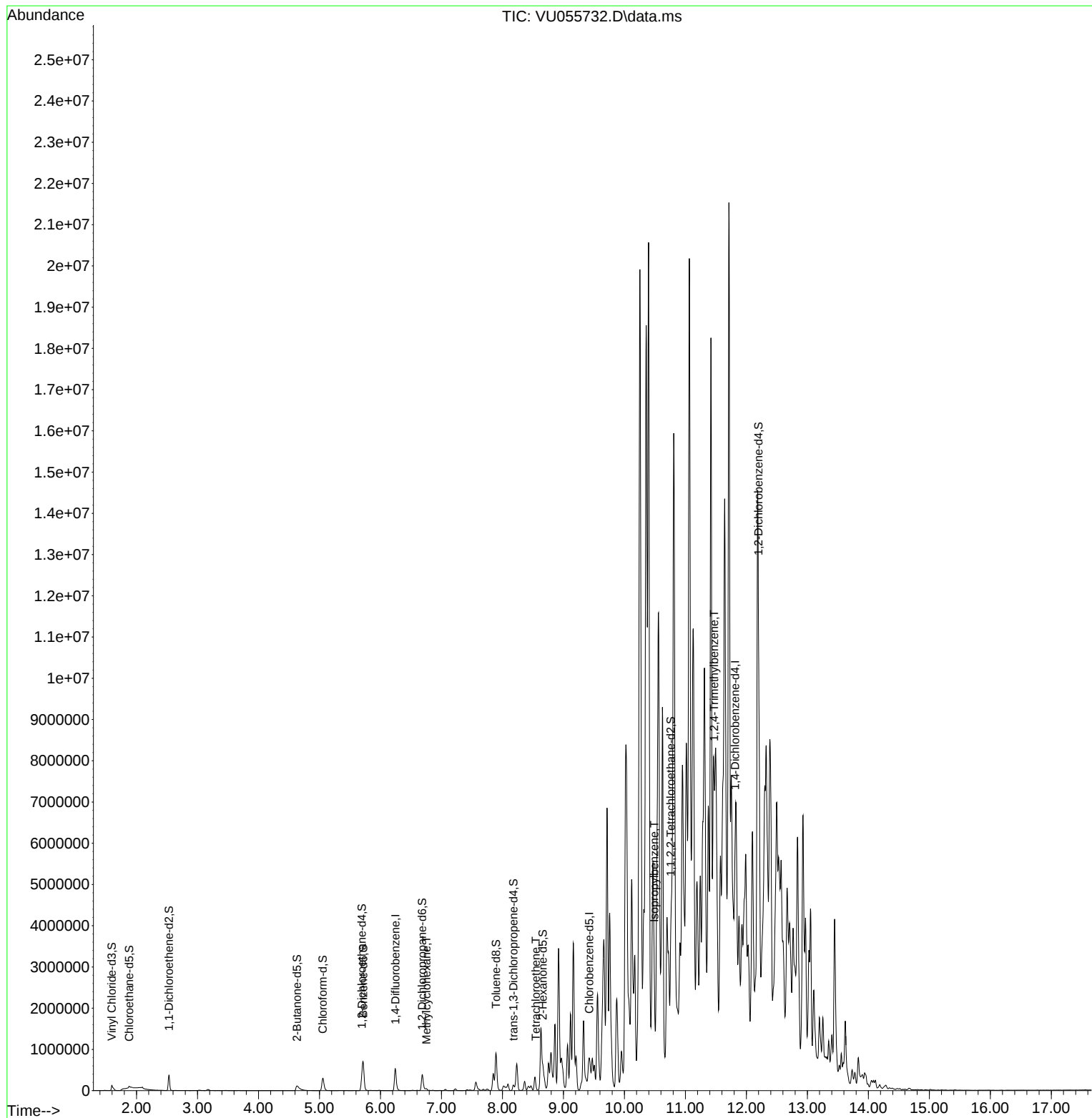
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	481360	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.421	117	506064	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.817	152	299863	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	163985	37.980	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.960%		
7) Chloroethane-d5	1.878	69	71559	20.276	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	40.560%#		
11) 1,1-Dichloroethene-d2	2.531	63	228470	29.677	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	59.360%#		
21) 2-Butanone-d5	4.631	46	282537	88.313	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.310%		
24) Chloroform-d	5.055	84	320125	38.675	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	77.360%		
26) 1,2-Dichloroethane-d4	5.695	65	216348	42.465	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.920%		
32) Benzene-d6	5.717	84	638124	39.410	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.820%		
36) 1,2-Dichloropropane-d6	6.685	67	207591	40.498	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	81.000%		
41) Toluene-d8	7.894	98	612876	41.919	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.840%		
43) trans-1,3-Dichloroprop...	8.180	79	103678	42.105	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	84.220%		
47) 2-Hexanone-d5	8.663	63	230614	114.440	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	114.440%		
56) 1,1,2,2-Tetrachloroeth...	10.762	84	300113	38.036	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	76.080%		
66) 1,2-Dichlorobenzene-d4	12.196	152	290808	48.870	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	97.740%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.753	83	19038	2.998	ug/L	87
46) Tetrachloroethene	8.550	164	6530	2.084	ug/L	94
61) Isopropylbenzene	10.489	105	458725	24.539	ug/L #	95
63) 1,2,4-Trimethylbenzene	11.473	105	195263	13.055	ug/L	98

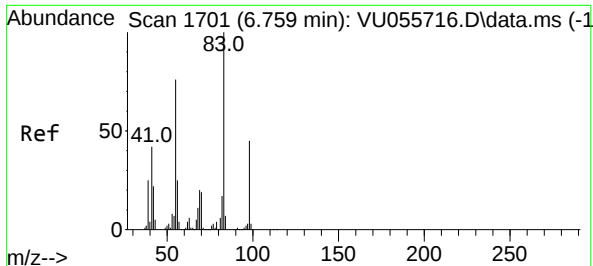
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#35

Methylcyclohexane

Concen: 2.998 ug/L

RT: 6.753 min Scan# 1

Delta R.T. -0.006 min

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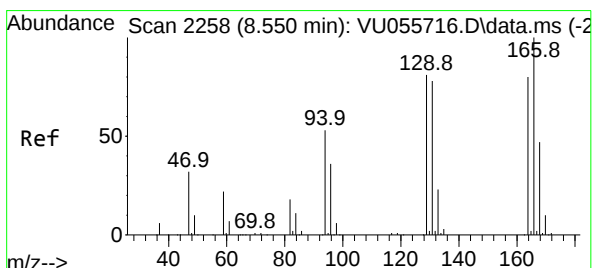
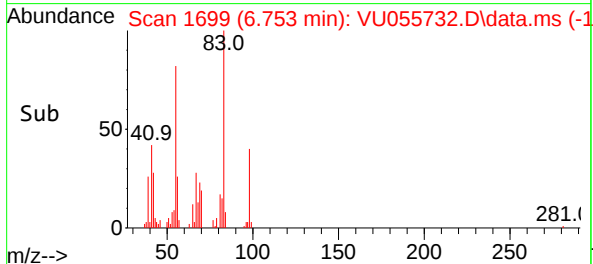
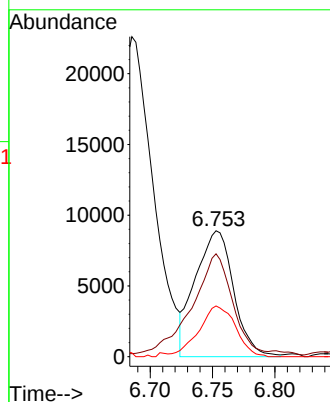
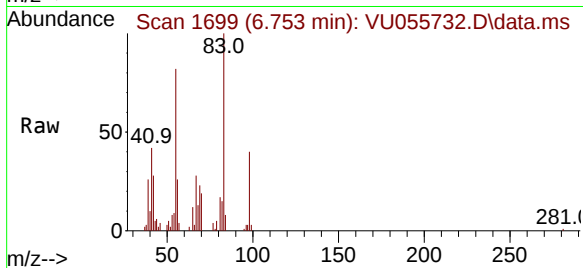
Tgt Ion: 83 Resp: 19038

Ion Ratio Lower Upper

83 100

55 90.1 61.2 91.8

98 38.6 35.8 53.6



#46

Tetrachloroethene

Concen: 2.084 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.000 min

Lab File: VU055732.D

Acq: 10 Oct 2023 19:38

Tgt Ion: 164 Resp: 6530

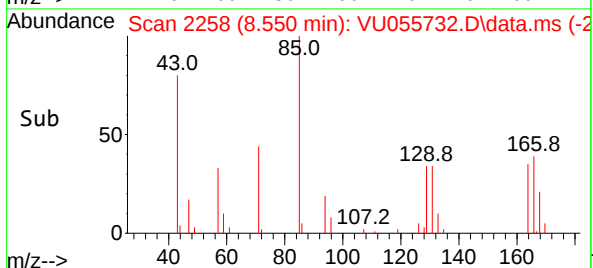
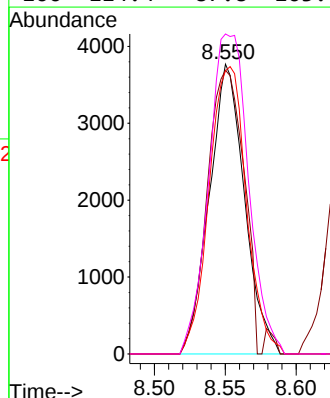
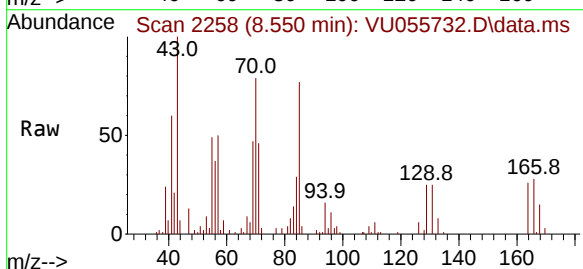
Ion Ratio Lower Upper

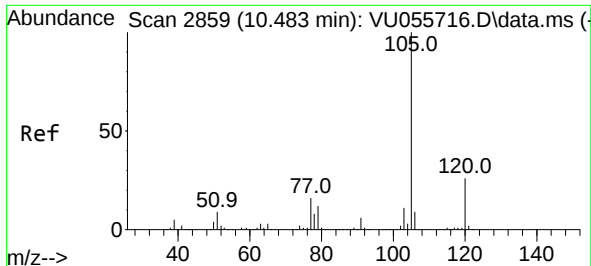
164 100

129 97.9 70.7 131.3

131 97.7 65.9 122.5

166 114.4 87.8 163.0

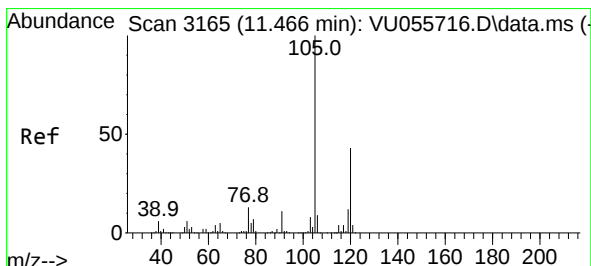
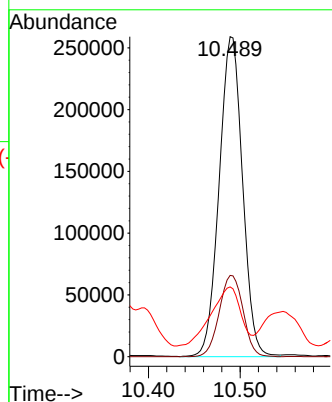
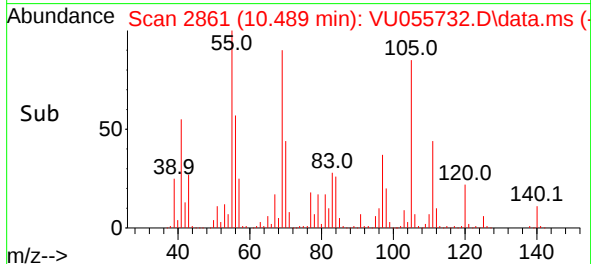
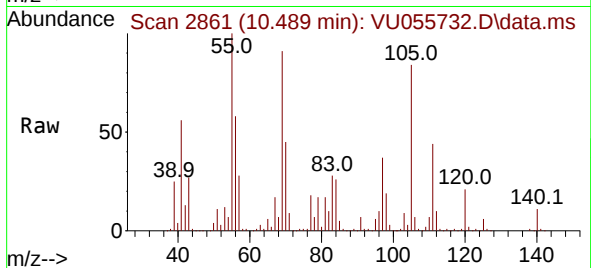




#61
Isopropylbenzene
Concen: 24.539 ug/L
RT: 10.489 min Scan# 21
Delta R.T. 0.006 min
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Tgt Ion:105 Resp: 458725
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8
77 22.2 13.4 20.0#



#63
1,2,4-Trimethylbenzene
Concen: 13.055 ug/L
RT: 11.473 min Scan# 3167
Delta R.T. 0.006 min
Lab File: VU055732.D
Acq: 10 Oct 2023 19:38

Tgt Ion:105 Resp: 195263
Ion Ratio Lower Upper
105 100
120 42.1 35.0 52.4

