

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101023\
 Data File : VU055733.D
 Acq On : 10 Oct 2023 20:02
 Operator : MD/SY
 Sample : 04747-04
 Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EX837

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2023
 Supervised By : Mahesh Dadoda 10/11/2023

Quant Time: Oct 11 05:57:07 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	6.242	114	511710	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.422	117	532912	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	304673	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	224839	48.986	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	97.980%		
7) Chloroethane-d5	1.879	69	95795m	25.533	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	51.060%#		
11) 1,1-Dichloroethene-d2	2.531	63	310070	37.888	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.780%		
21) 2-Butanone-d5	4.631	46	377073	110.871	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.870%		
24) Chloroform-d	5.055	84	428866	48.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.480%		
26) 1,2-Dichloroethane-d4	5.692	65	289399	53.434	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	106.860%		
32) Benzene-d6	5.714	84	848765	49.779	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.560%		
36) 1,2-Dichloropropane-d6	6.685	67	270216	50.059	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	100.120%		
41) Toluene-d8	7.894	98	798813	51.883	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	103.760%		
43) trans-1,3-Dichloroprop...	8.177	79	138807	53.532	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	107.060%		
47) 2-Hexanone-d5	8.663	63	307359	144.840	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	144.840%#		
56) 1,1,2,2-Tetrachloroeth...	10.762	84	439192	52.859	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	105.720%		
66) 1,2-Dichlorobenzene-d4	12.197	152	361199	59.741	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	119.480%		
Target Compounds						Qvalue
35) Methylcyclohexane	6.756	83	13795	2.063	ug/L	91
46) Tetrachloroethene	8.554	164	2589	0.785	ug/L	85
61) Isopropylbenzene	10.489	105	330565	17.404	ug/L	97
63) 1,2,4-Trimethylbenzene	11.470	105	305701	20.116	ug/L	99

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

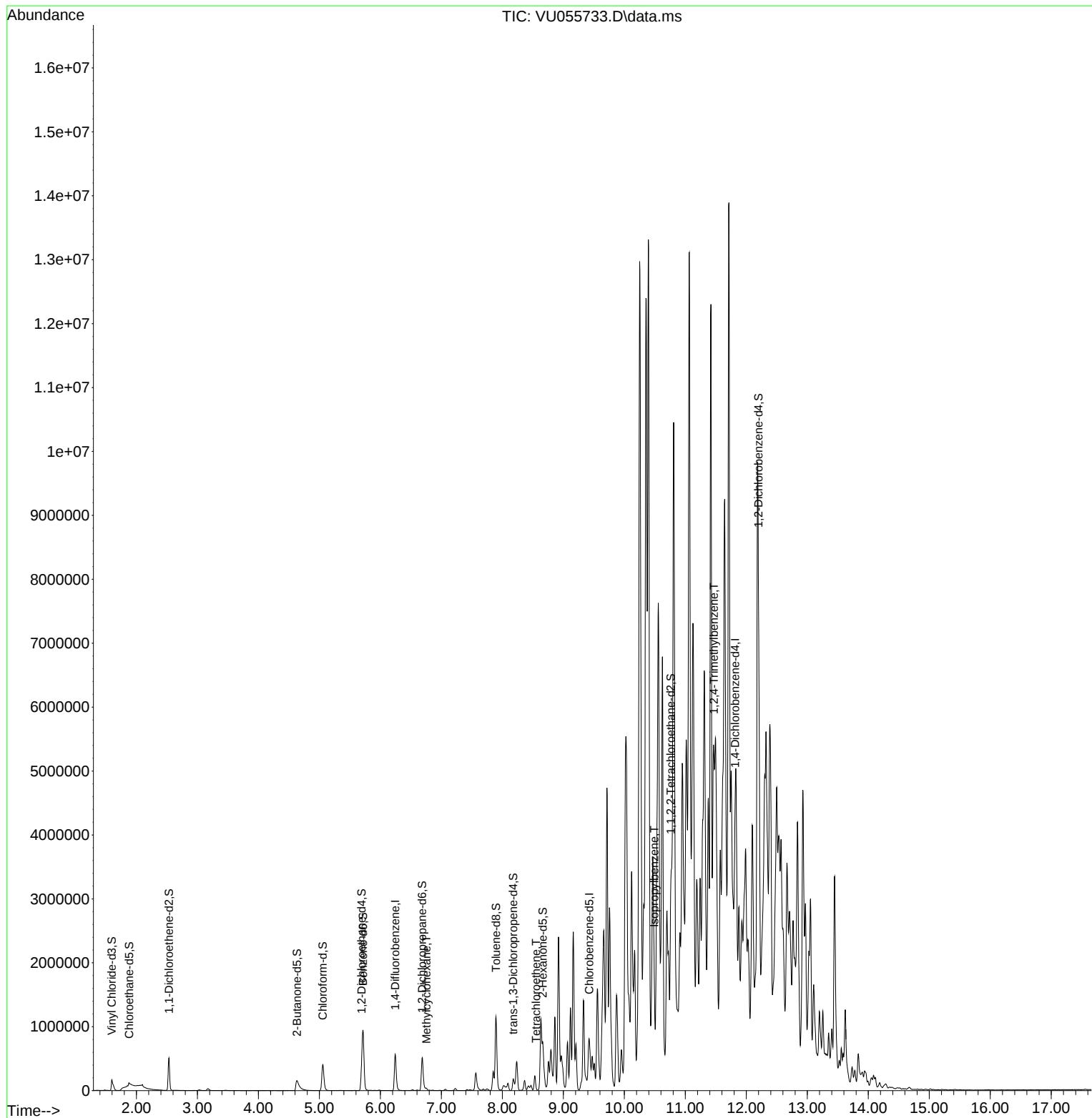
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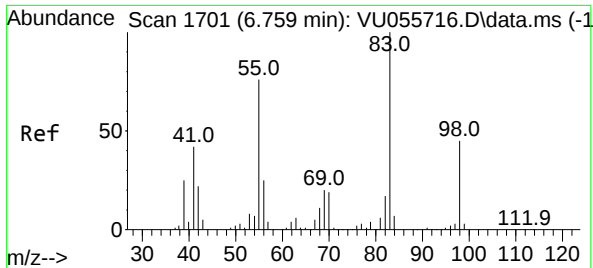
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Quant Time: Oct 11 05:57:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 11 05:51:51 2023
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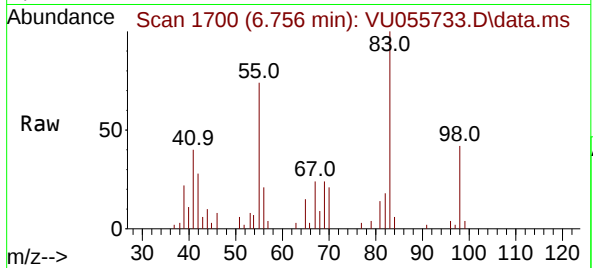
Reviewed By :John Carlone 10/11/2023
Supervised By :Mahesh Dadoda 10/11/2023





#35
Methylcyclohexane
Concen: 2.063 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.003 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

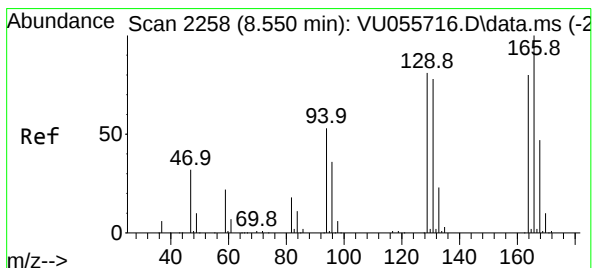
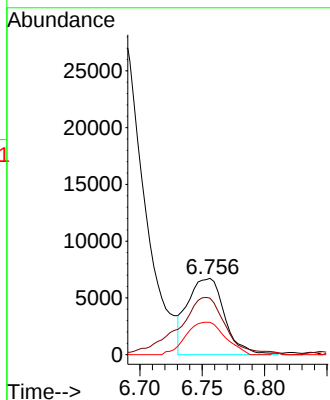
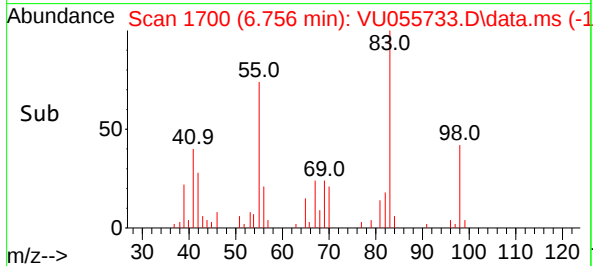
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Tgt Ion: 83 Resp: 1379
Ion Ratio Lower Upper
83 100
55 89.0 61.2 91.8
98 45.1 35.8 53.6

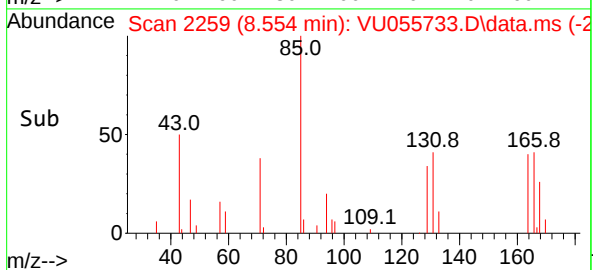
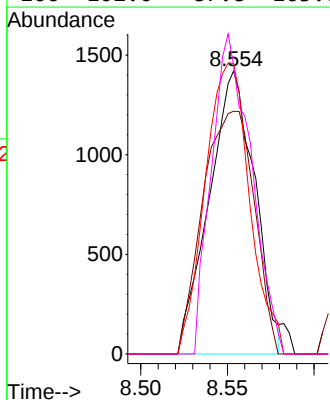
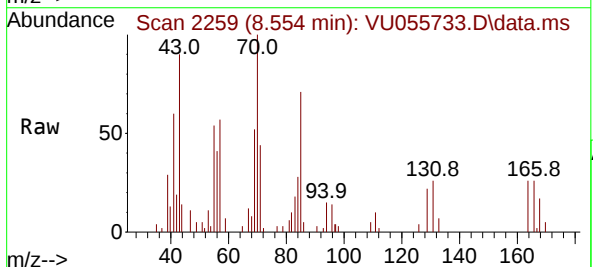
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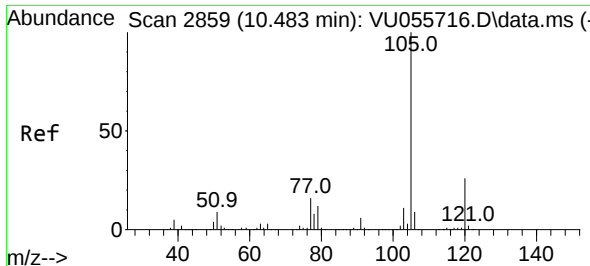
Reviewed By :John Carlone 10/11/2023
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#46
Tetrachloroethene
Concen: 0.785 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

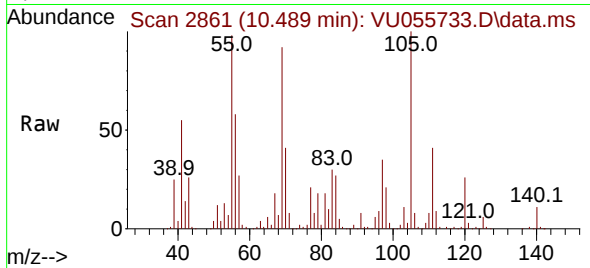
Tgt Ion:164 Resp: 2589
Ion Ratio Lower Upper
164 100
129 85.8 70.7 131.3
131 102.7 65.9 122.5
166 102.0 87.8 163.0





#61
Isopropylbenzene
Concen: 17.404 ug/L
RT: 10.489 min Scan# 2859
Delta R.T. 0.007 min
Lab File: VU055733.D
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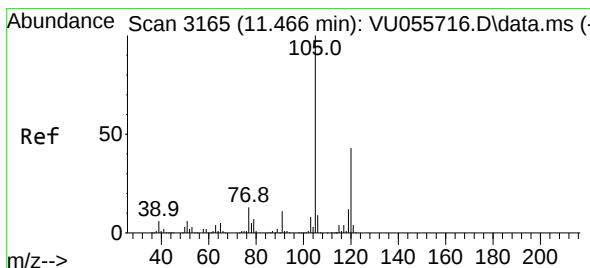
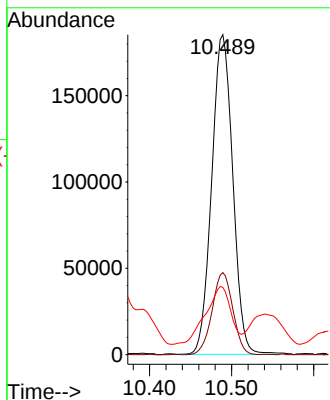
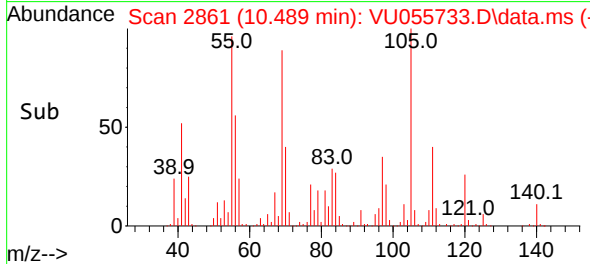
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Tgt Ion:105 Resp: 33056
Ion Ratio Lower Upper
105 100
120 25.2 20.6 30.8
77 19.8 13.4 20.0

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#63
1,2,4-Trimethylbenzene
Concen: 20.116 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.003 min
Lab File: VU055733.D
Acq: 10 Oct 2023 20:02

Tgt Ion:105 Resp: 305701
Ion Ratio Lower Upper
105 100
120 42.9 35.0 52.4

