Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120721\
Data File : VU046138.D
Acq On : 07 Dec 2021 14:18
Operator : SY/MD
Sample : M4960-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKS2

Quant Time: Dec 08 04:53:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	241017	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	236535	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	126647	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	91807	46.242	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.480%			
7) Chloroethane-d5	1.919	69	66393	43.555	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.100%			
11) 1,1-Dichloroethene-d2	2.571	63	123670	34.699	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.400%			
21) 2-Butanone-d5	4.639	46	130075	82.416	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 82.420%			
24) Chloroform-d	5.067	84	157319	47.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.900%			
26) 1,2-Dichloroethane-d4	5.703	65	101846	45.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.540%			
32) Benzene-d6	5.732	84	335628	49.506	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.020%			
36) 1,2-Dichloropropane-d6	6.694	67	101236	48.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.360%			
41) Toluene-d8	7.899	98	309429	50.129	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.260%			
43) trans-1,3-Dichloroprop...	8.179	79	48384	47.704	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.400%			
47) 2-Hexanone-d5	8.632	63	101772	102.160	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 102.160%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	150448	47.216	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.440%			
66) 1,2-Dichlorobenzene-d4	12.195	152	124942	51.227	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.460%			
Target Compounds						Qvalue
35) Methylcyclohexane	6.764	83	3668	1.254	ug/L #	89
70) 1,2,4-trichlorobenzene	13.841	180	4436	1.753	ug/L #	83

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

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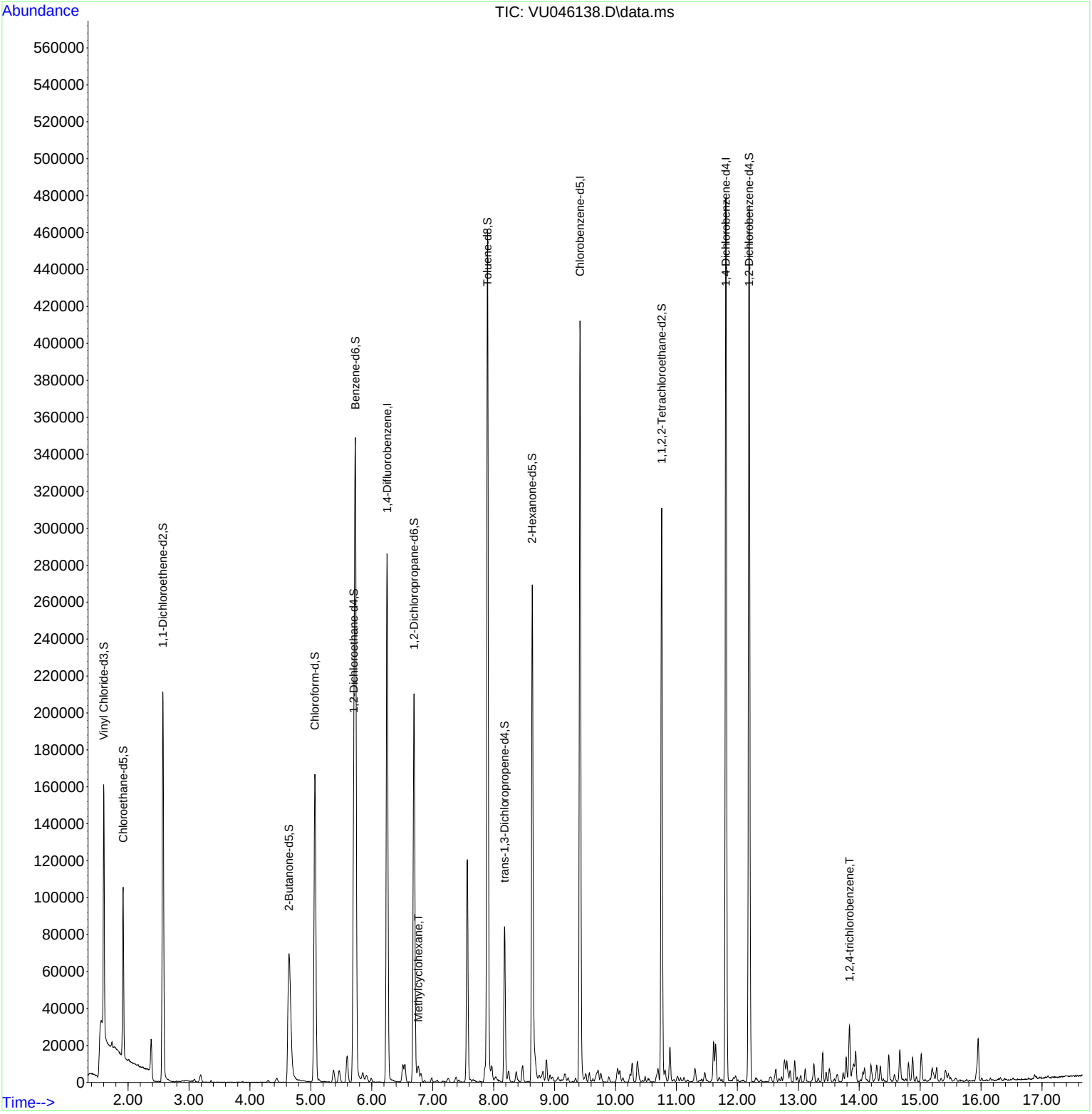
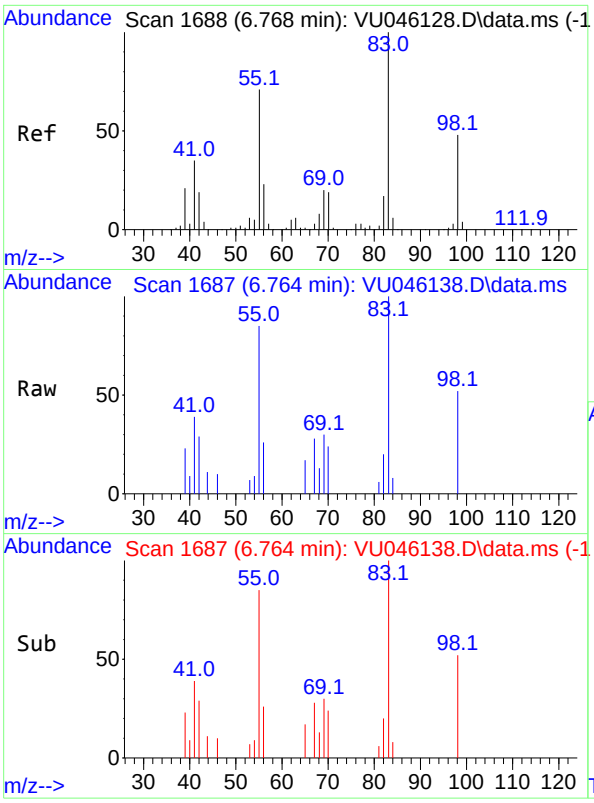


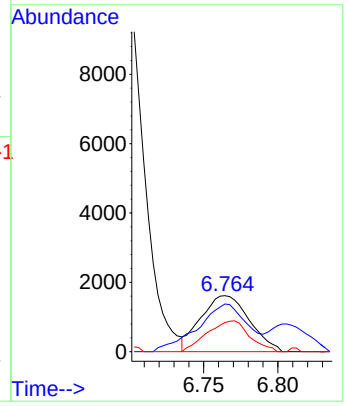


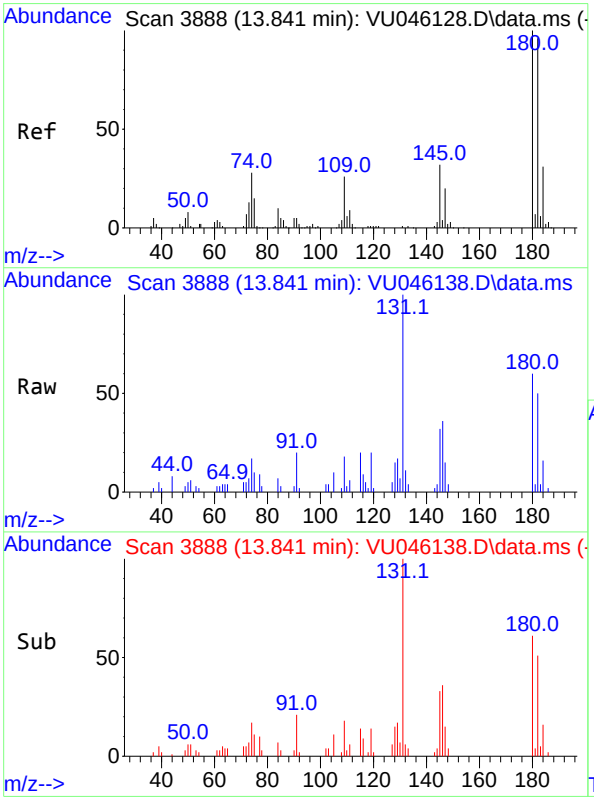
#35
Methylcyclohexane
Concen: 1.254 ug/L
RT: 6.764 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046138.D
Acq: 07 Dec 2021 14:18

Instrument :
MSVOA_U
ClientSampleId :
BGKS2

Tgt Ion: 83 Resp: 3668

Ion	Ratio	Lower	Upper
83	100		
55	87.7	57.8	86.6#
98	47.9	38.4	57.6





#70
1,2,4-trichlorobenzene
Concen: 1.753 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU046138.D
Acq: 07 Dec 2021 14:18

Tgt Ion:180 Resp: 4436

Ion	Ratio	Lower	Upper
180	100		
182	88.7	76.7	115.1
145	57.3	26.0	39.0#