Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121921\
Data File : VU046498.D
Acq On : 19 Dec 2021 16:31
Operator : SY/MD
Sample : M5103-02DL 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AW1DL

Quant Time: Dec 20 00:28:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Dec 20 00:25:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	137482	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	140249	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68337	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46191	40.787	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.580%			
7) Chloroethane-d5	1.922	69	37542	43.175	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.360%			
11) 1,1-Dichloroethene-d2	2.575	63	65040	31.991	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 63.980%			
21) 2-Butanone-d5	4.645	46	90111	100.091	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.090%			
24) Chloroform-d	5.067	84	95049	50.258	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.520%			
26) 1,2-Dichloroethane-d4	5.706	65	64409	50.747	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.500%			
32) Benzene-d6	5.732	84	183306	45.601	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.200%			
36) 1,2-Dichloropropane-d6	6.693	67	58384	46.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.720%			
41) Toluene-d8	7.899	98	157308	42.980	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.960%			
43) trans-1,3-Dichloroprop...	8.182	79	27426	45.604	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.200%			
47) 2-Hexanone-d5	8.636	63	64333	108.913	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 108.910%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	90370	47.832	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 95.660%			
66) 1,2-Dichlorobenzene-d4	12.195	152	62626	47.586	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.180%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.671	96	9200	8.428	ug/L	86
34) Trichloroethene	6.546	95	54279	48.539	ug/L	98
46) Tetrachloroethene	8.555	164	24990	30.409	ug/L	99

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

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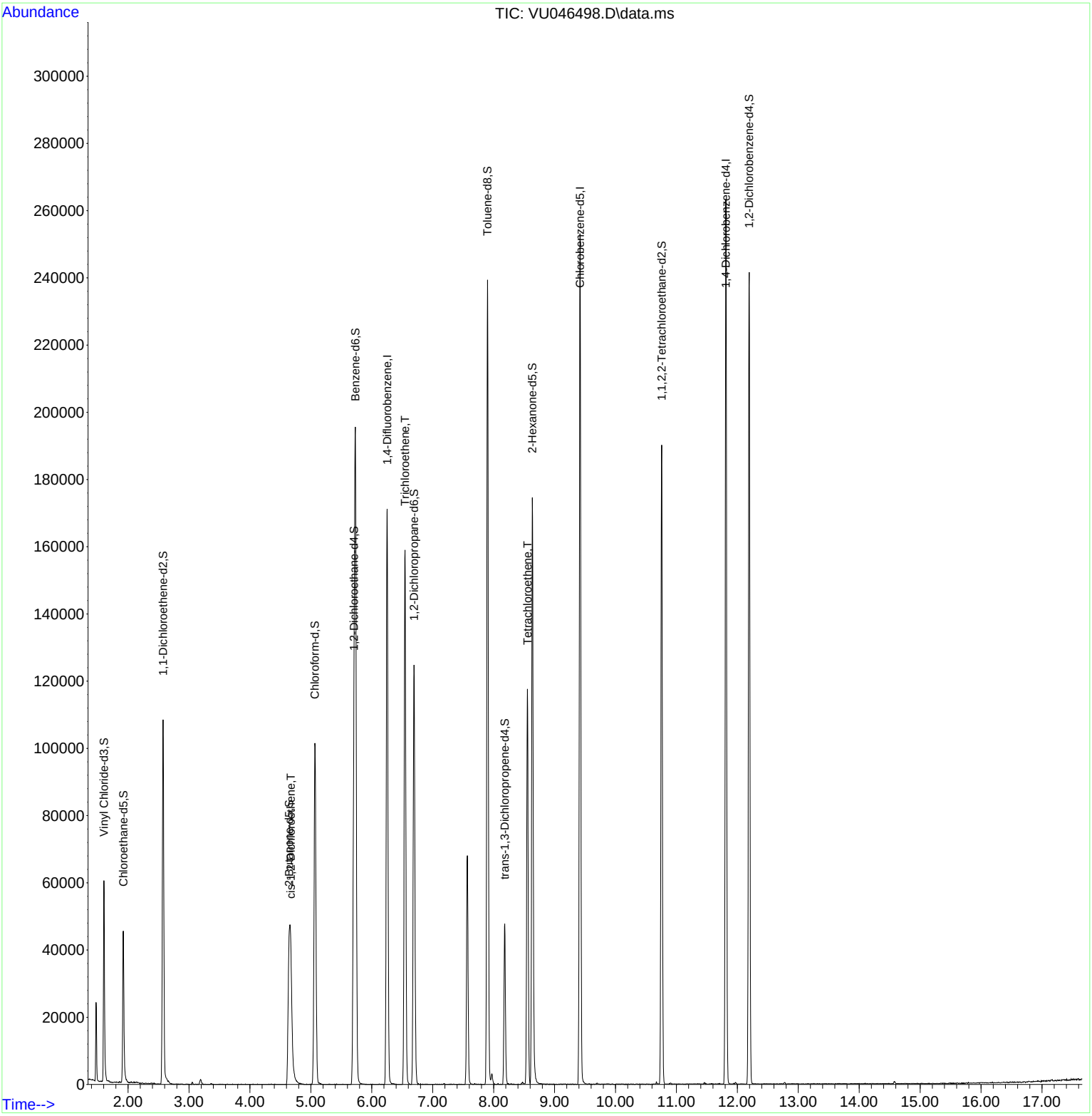
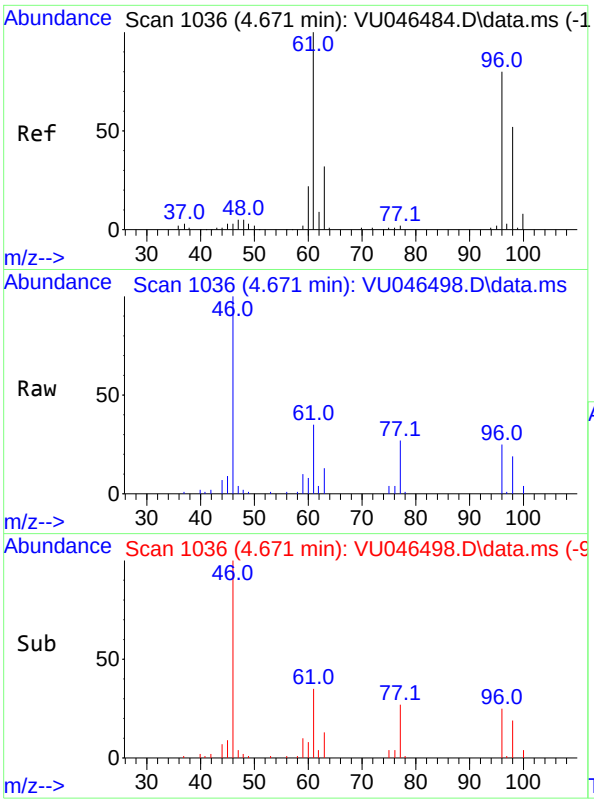


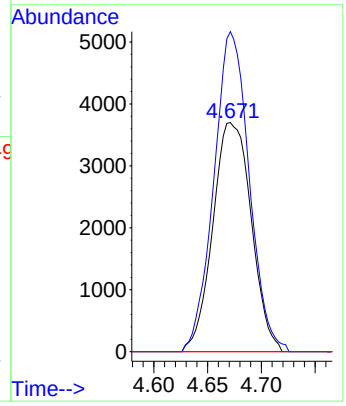


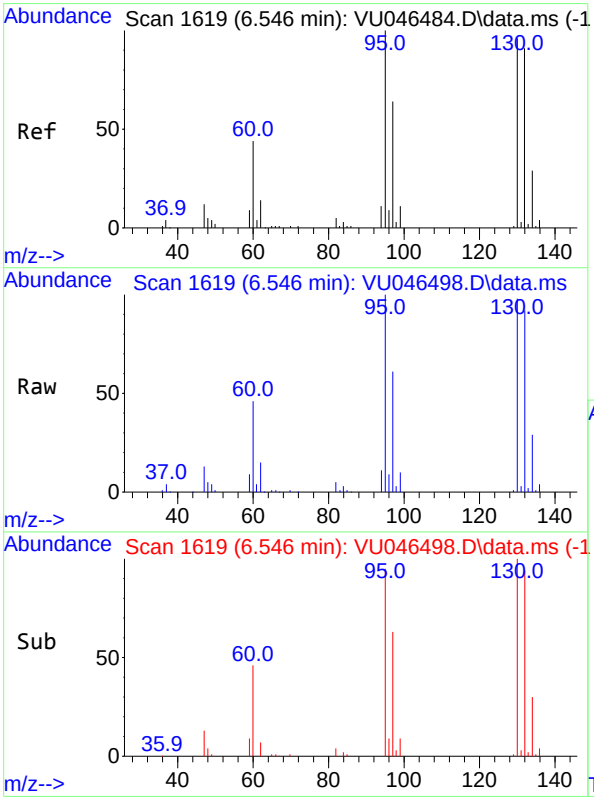
#20
cis-1,2-Dichloroethene
Concen: 8.428 ug/L
RT: 4.671 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU046498.D
Acq: 19 Dec 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :
C0AW1DL

Tgt Ion: 96 Resp: 9200

Ion	Ratio	Lower	Upper
96	100		
61	139.7	86.8	161.2
68	0.0	0.0	0.0

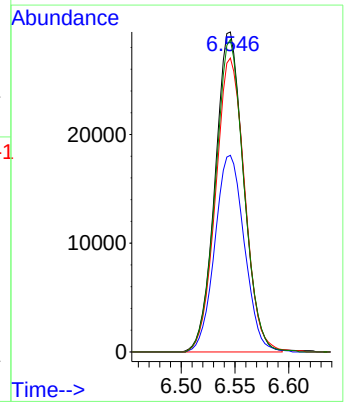


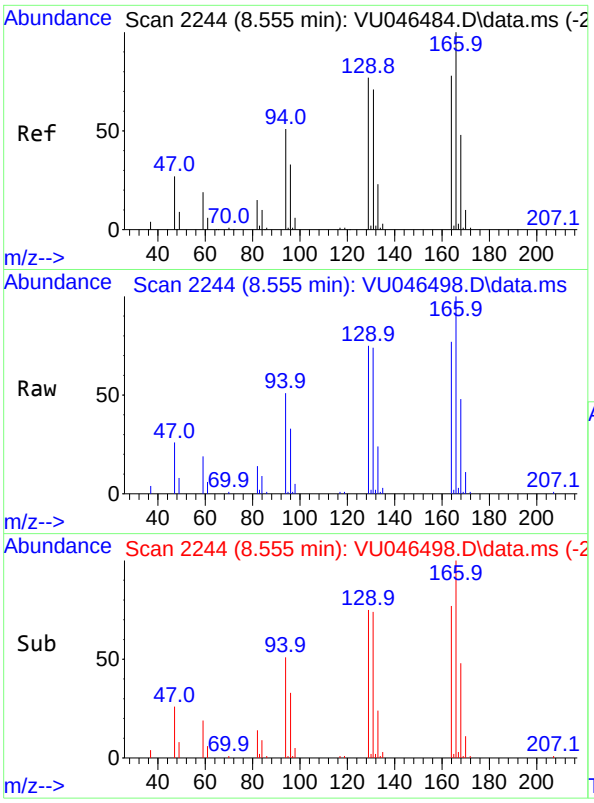


#34
Trichloroethene
Concen: 48.539 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046498.D
Acq: 19 Dec 2021 16:31

Tgt Ion: 95 Resp: 54279

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.1	81.9
132	91.9	66.8	124.0
130	97.6	69.0	128.1





#46
Tetrachloroethene
Concen: 30.409 ug/L
RT: 8.555 min Scan# 2
Delta R.T. 0.000 min
Lab File: VU046498.D
Acq: 19 Dec 2021 16:31

Instrument :
MSVOA_U
ClientSampleId :
C0AW1DL

Tgt Ion:164 Resp: 24990

Ion	Ratio	Lower	Upper
164	100		
129	97.7	71.1	132.1
131	96.6	67.8	126.0
166	130.0	90.6	168.2