Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052119\
Data File : VU032213.D
Acq On : 21 May 2019 20:52
Operator : JC/SP
Sample : K2853-02ME
Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A51A5ME

Quant Time: May 22 04:25:28 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	880168	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	875282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	418899	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	220565	38.42	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 76.84%			
7) Chloroethane-d5	1.64	69	104845	20.96	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 41.92%#			
11) 1,1-Dichloroethene-d2	2.21	63	328790	30.07	ug/L	-0.05
Spiked Amount 50.000	Range 60 - 125		Recovery = 60.14%			
21) 2-Butanone-d5	4.21	46	336434	94.97	ug/L	0.04
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.97%			
24) Chloroform-d	4.64	84	452693	40.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.04%			
26) 1,2-Dichloroethane-d4	5.30	65	286247	42.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.72%			
32) Benzene-d6	5.32	84	960395	42.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.42%			
36) 1,2-Dichloropropane-d6	6.32	67	290592	44.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 88.46%			
41) Toluene-d8	7.56	98	899378	41.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 83.42%			
43) trans-1,3-Dichloropropene-	7.85	79	132431	40.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.70%			
47) 2-Hexanone-d5	8.33	63	279339	93.73	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	473301	44.53	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 89.06%			
64) 1,2-Dichlorobenzene-d4	11.86	152	376969	43.03	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.06%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	4.21	96	30277	4.437	ug/L	94
34) Trichloroethene	6.17	95	1147957	175.665	ug/L	98
46) Tetrachloroethene	8.22	164	57921	10.733	ug/L	95

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

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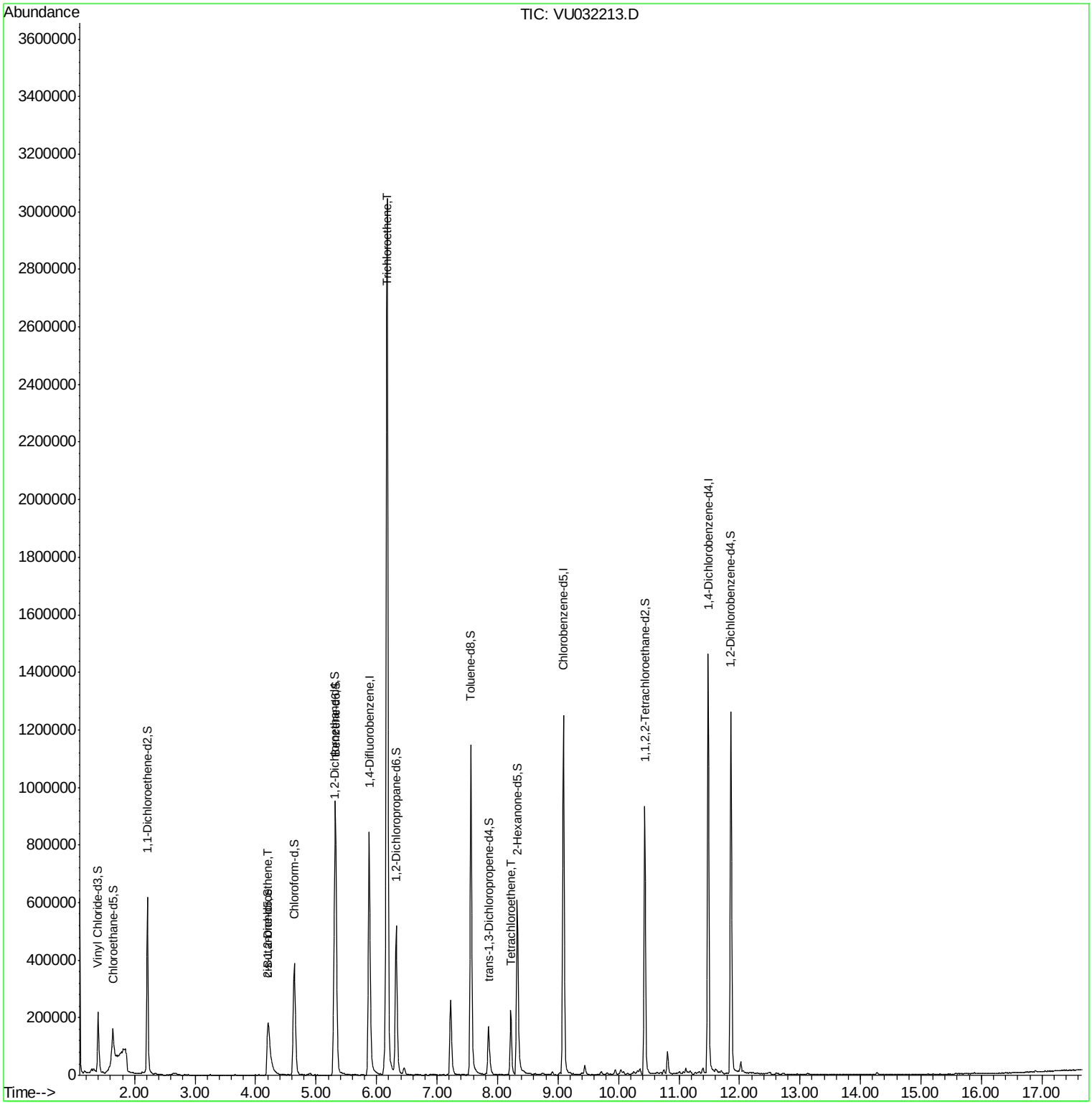
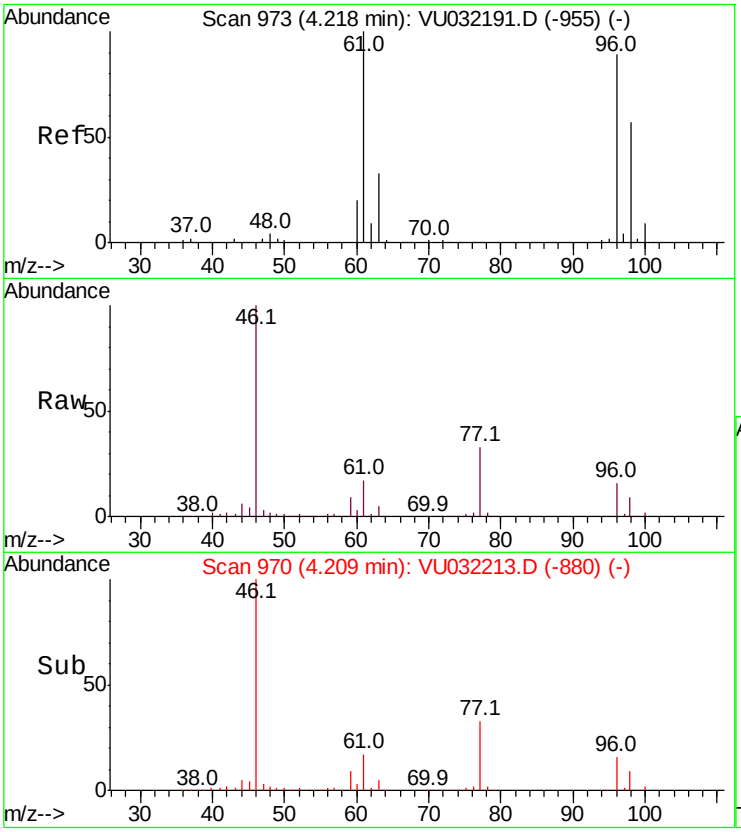


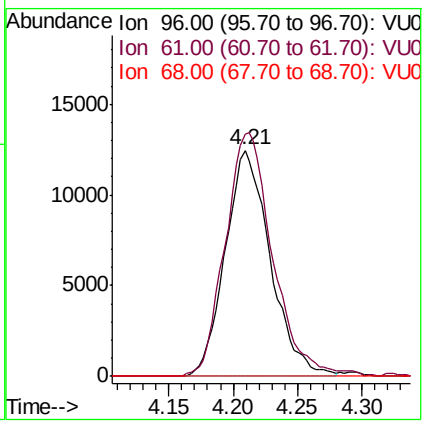


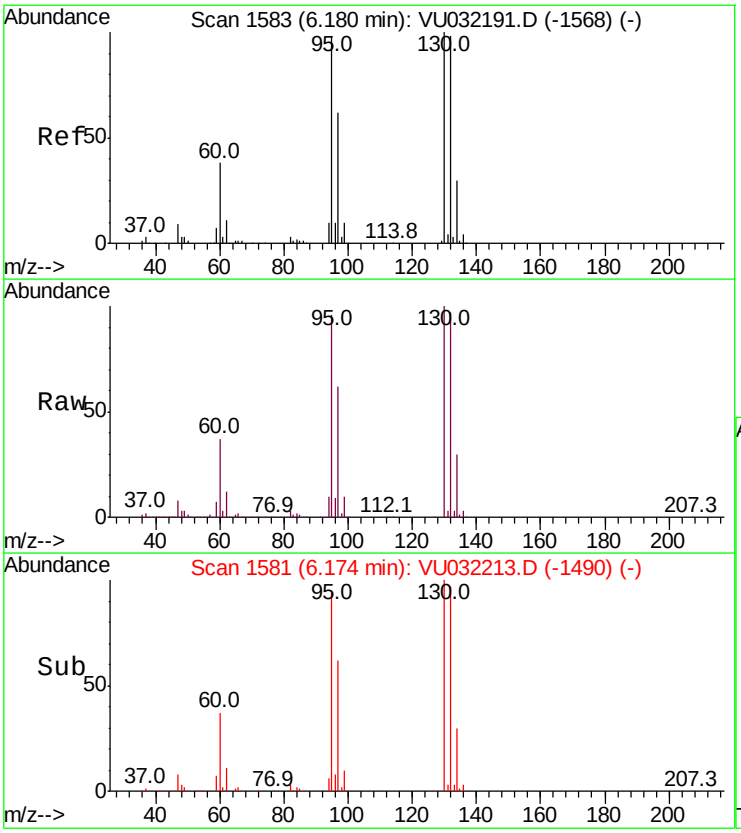
#20
cis-1,2-Dichloroethene
Concen: 4.437 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU032213.D
Acq: 21 May 2019 20:52

Instrument :
MSVOA_U
ClientSampleId :
A51A5ME

Tgt Ion: 96 Resp: 30277

Ion	Ratio	Lower	Upper
96	100		
61	107.4	79.9	148.3
68	0.0	0.0	0.0

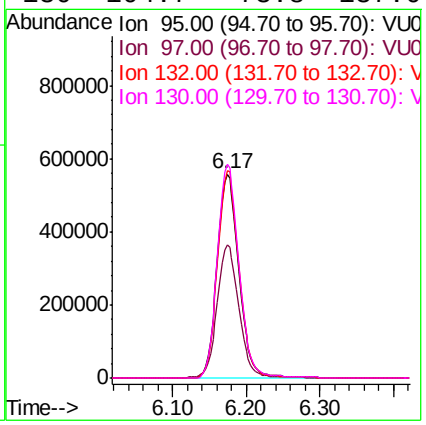


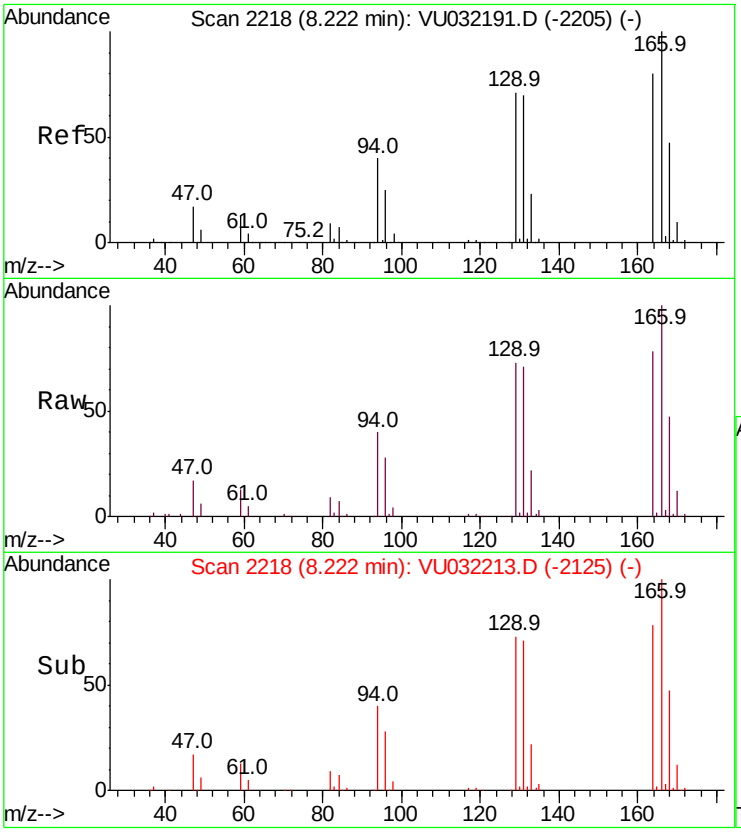


#34
Trichloroethene
Concen: 175.665 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. -0.01 min
Lab File: VU032213.D
Acq: 21 May 2019 20:52

Tgt Ion: 95 Resp: 1147957

Ion	Ratio	Lower	Upper
95	100		
97	65.3	44.5	82.7
132	101.6	69.4	129.0
130	104.7	73.8	137.0

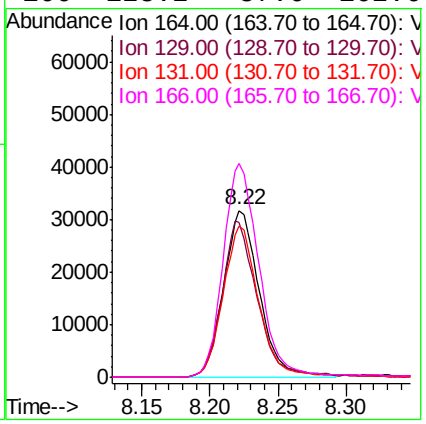




#46
Tetrachloroethene
Concen: 10.733 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032213.D
Acq: 21 May 2019 20:52

Tgt Ion:164 Resp: 57921

Ion	Ratio	Lower	Upper
164	100		
129	92.9	60.8	113.0
131	91.0	59.7	110.9
166	128.2	87.6	162.6



Instrument :
MSVOA_U
ClientSampleId :
A51A5ME