Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Not Reviewed)

Data File : VU031885.D
Acq On : 10 May 2019 13:51
Operator : JC/SP
Sample : K2690-09ME
Misc : 5.57g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5155ME

Quant Time: May 11 01:01:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1601887	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1631360	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	683970	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	427449	31.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 63.76%			
7) Chloroethane-d5	1.64	69	242755	23.43	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery = 46.86%#			
11) 1,1-Dichloroethene-d2	2.23	63	631306	23.65	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery = 47.30%#			
21) 2-Butanone-d5	4.19	46	807523	66.48	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 66.48%			
24) Chloroform-d	4.64	84	804404	32.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 65.52%#			
26) 1,2-Dichloroethane-d4	5.30	65	540423	33.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 67.38%#			
32) Benzene-d6	5.33	84	1676299	33.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 66.92%#			
36) 1,2-Dichloropropane-d6	6.32	67	566279	32.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 64.26%#			
41) Toluene-d8	7.56	98	1468034	33.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 67.30%#			
43) trans-1,3-Dichloropropene-	7.85	79	242510	32.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 64.10%			
47) 2-Hexanone-d5	8.32	63	612273	80.26	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.26%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	868790	36.73	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 73.46%			
64) 1,2-Dichlorobenzene-d4	11.86	152	528125	36.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 73.44%#			
Target Compounds						Qvalue
16) Methylene chloride	2.68	84	50000	3.390	ug/L	92
20) cis-1,2-Dichloroethene	4.21	96	538638	38.558	ug/L	96
39) cis-1,3-Dichloropropene	7.22	75	13711	0.609	ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	93644	4.639	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051019\

Quantitation Report (Not Reviewed)

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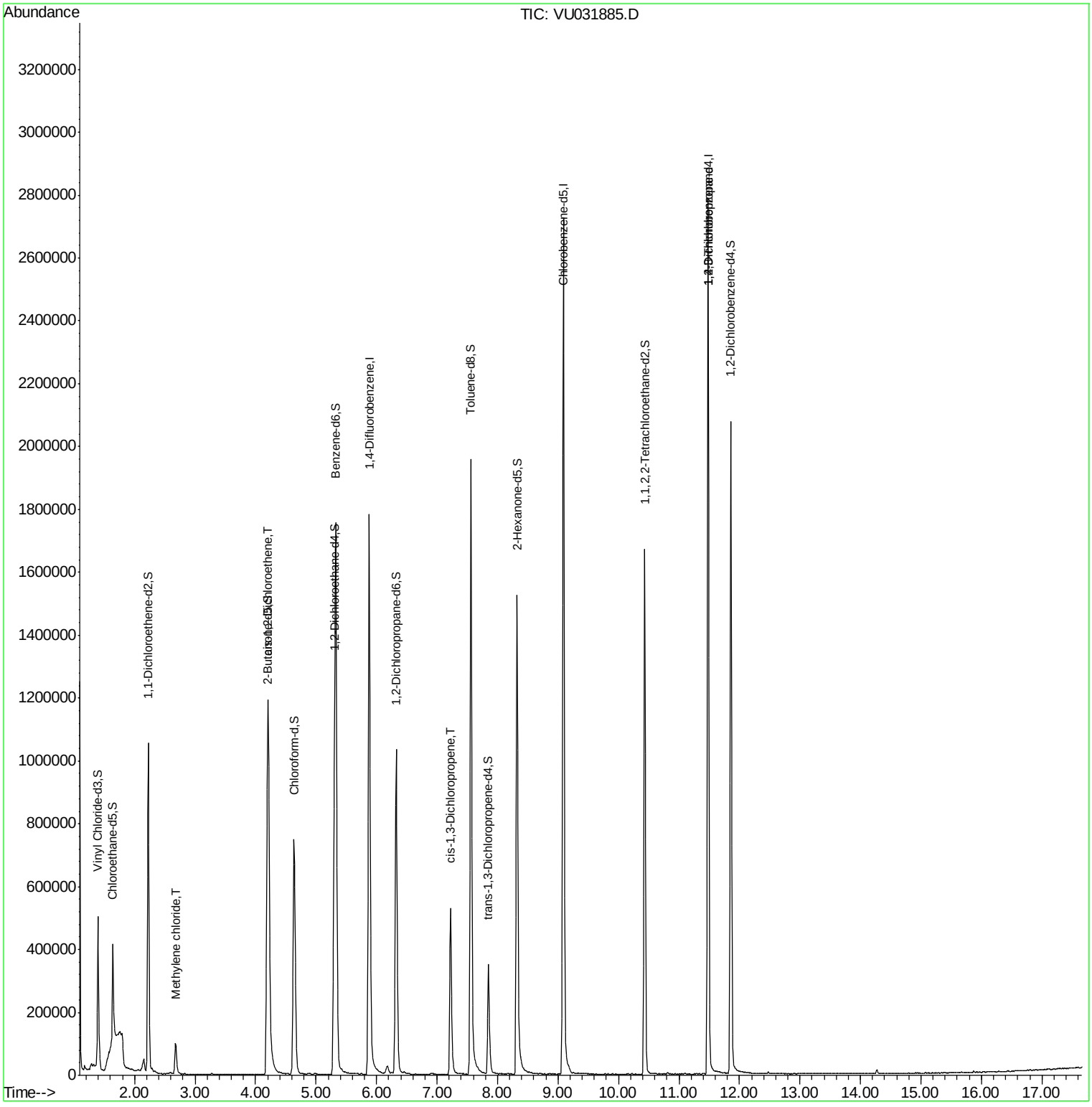
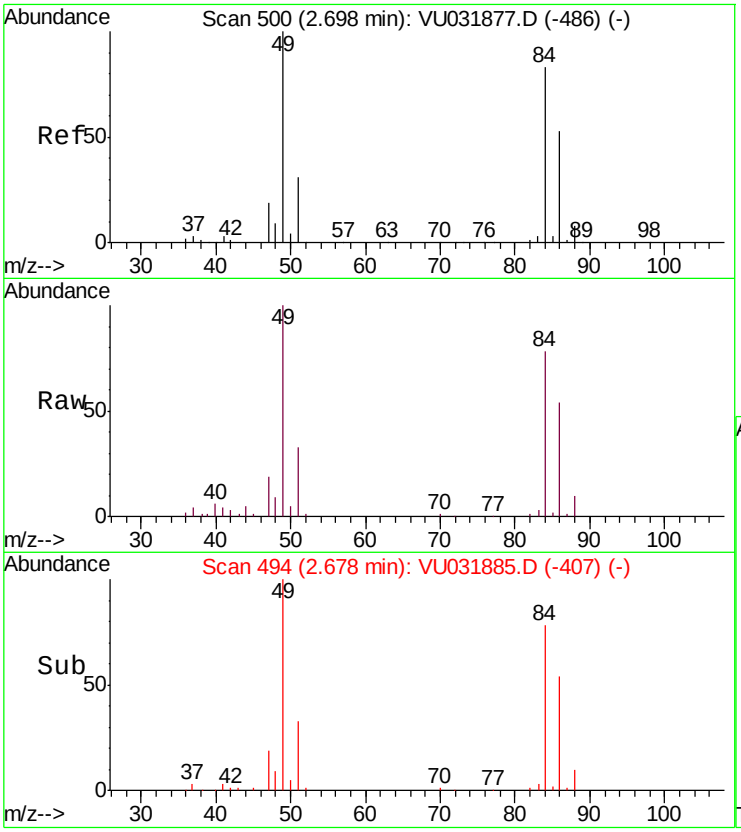
Operator : JC/SP
Sample : K2690-09ME
Misc : 5.57g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A5155ME

Quant Time: May 11 01:01:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:57:57 2019
Response via : Initial Calibration



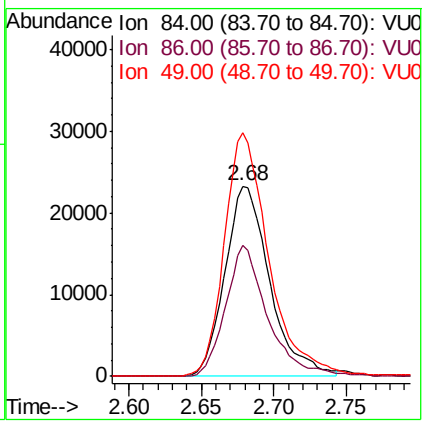


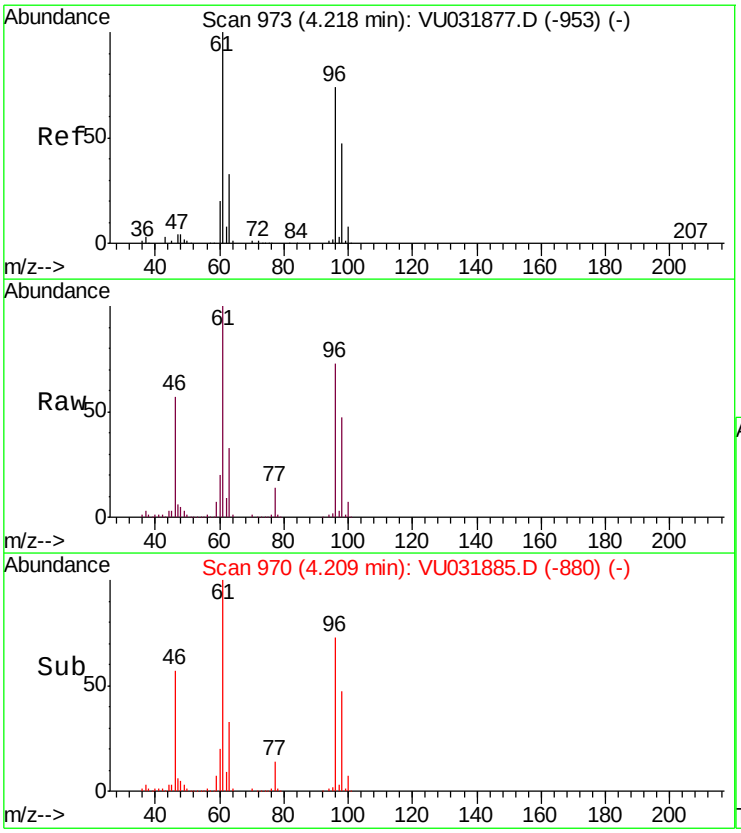
#16
Methylene chloride
Concen: 3.390 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.02 min
Lab File: VU031885.D
Acq: 10 May 2019 13:51

Instrument : MSVOA_U
ClientSampleId : A5155ME

Tgt Ion: 84 Resp: 50000

Ion	Ratio	Lower	Upper
84	100		
86	68.7	44.7	83.1
49	128.1	96.5	179.3

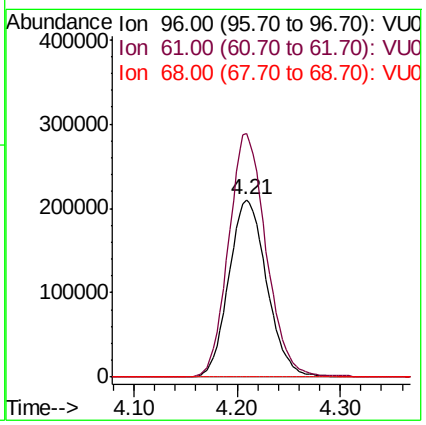


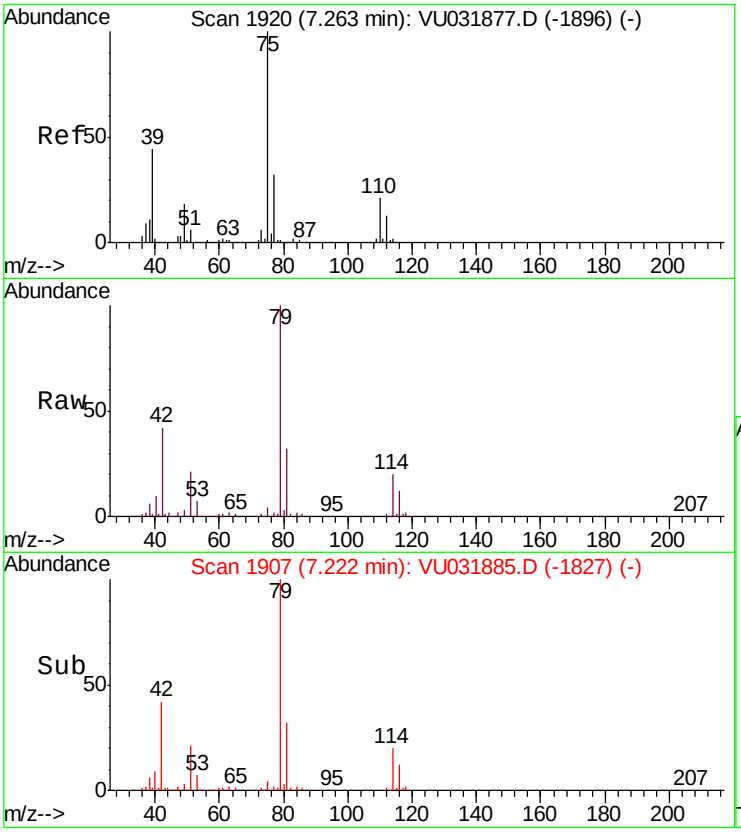


#20
cis-1,2-Dichloroethene
Concen: 38.558 ug/L
RT: 4.21 min Scan# 970
Delta R.T. -0.01 min
Lab File: VU031885.D
Acq: 10 May 2019 13:51

Tgt Ion: 96 Resp: 538638

Ion	Ratio	Lower	Upper
96	100		
61	137.5	99.5	184.7
68	0.0	0.0	0.0



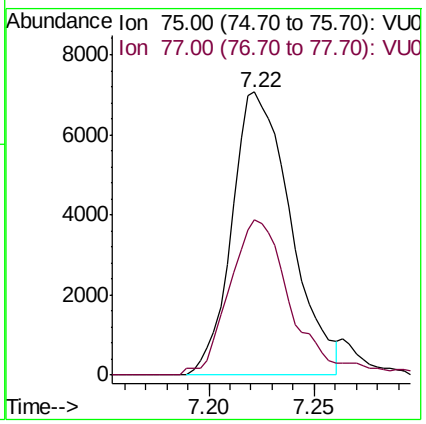


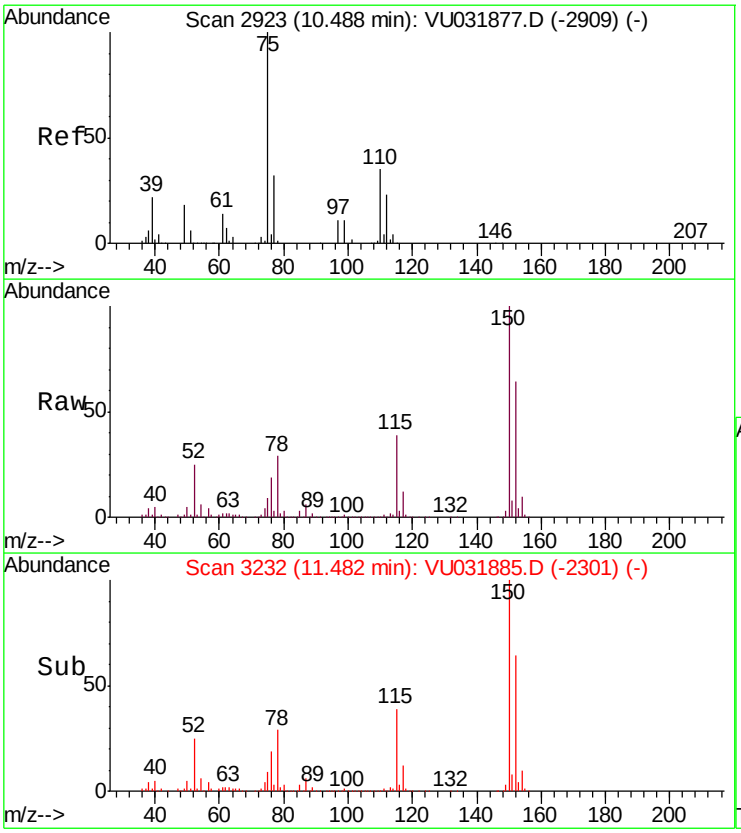
#39
cis-1,3-Dichloropropene
Concen: 0.609 ug/L
RT: 7.22 min Scan# 1907
Delta R.T. -0.04 min
Lab File: VU031885.D
Acq: 10 May 2019 13:51

Instrument :
MSVOA_U
ClientSampleId :
A5155ME

Tgt Ion: 75 Resp: 13711

Ion	Ratio	Lower	Upper
75	100		
77	55.0	22.1	41.1#





#59
1,2,3-Trichloropropane
Concen: 4.639 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU031885.D
Acq: 10 May 2019 13:51

Tgt Ion: 75 Resp: 93644

Ion	Ratio	Lower	Upper
75	100		
77	34.7	25.9	38.9