Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022020\
Data File : VV014635.D
Acq On : 20 Feb 2020 19:44
Operator : SY/MD
Sample : L1607-13
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0AP9

Quant Time: Feb 21 05:02:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM021220WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 21 03:31:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	264649	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	246760	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	118723	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	50817	50.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.00%			
7) Chloroethane-d5	1.58	69	38614	54.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.04%			
11) 1,1-Dichloroethene-d2	2.13	63	72887	42.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.96%			
21) 2-Butanone-d5	3.94	46	91937	109.09	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.09%			
24) Chloroform-d	4.40	84	146058	49.28	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.56%			
26) 1,2-Dichloroethane-d4	5.08	65	101017	54.94	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 109.88%			
32) Benzene-d6	5.10	84	316857	53.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 107.38%			
36) 1,2-Dichloropropane-d6	6.11	67	93997	52.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 105.76%			
41) Toluene-d8	7.36	98	294964	51.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.90%			
43) trans-1,3-Dichloropropene-	7.66	79	49360	50.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 100.72%			
47) 2-Hexanone-d5	8.13	63	75251	105.95	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 105.95%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	124697	51.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.38%			
64) 1,2-Dichlorobenzene-d4	11.67	152	114502	54.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.18%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.96	96	61192	33.058	ug/L	96
25) Chloroform	4.42	83	12444	4.006	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	14059	5.237	ug/L	98
34) Trichloroethene	5.96	95	349489	199.902	ug/L	98

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

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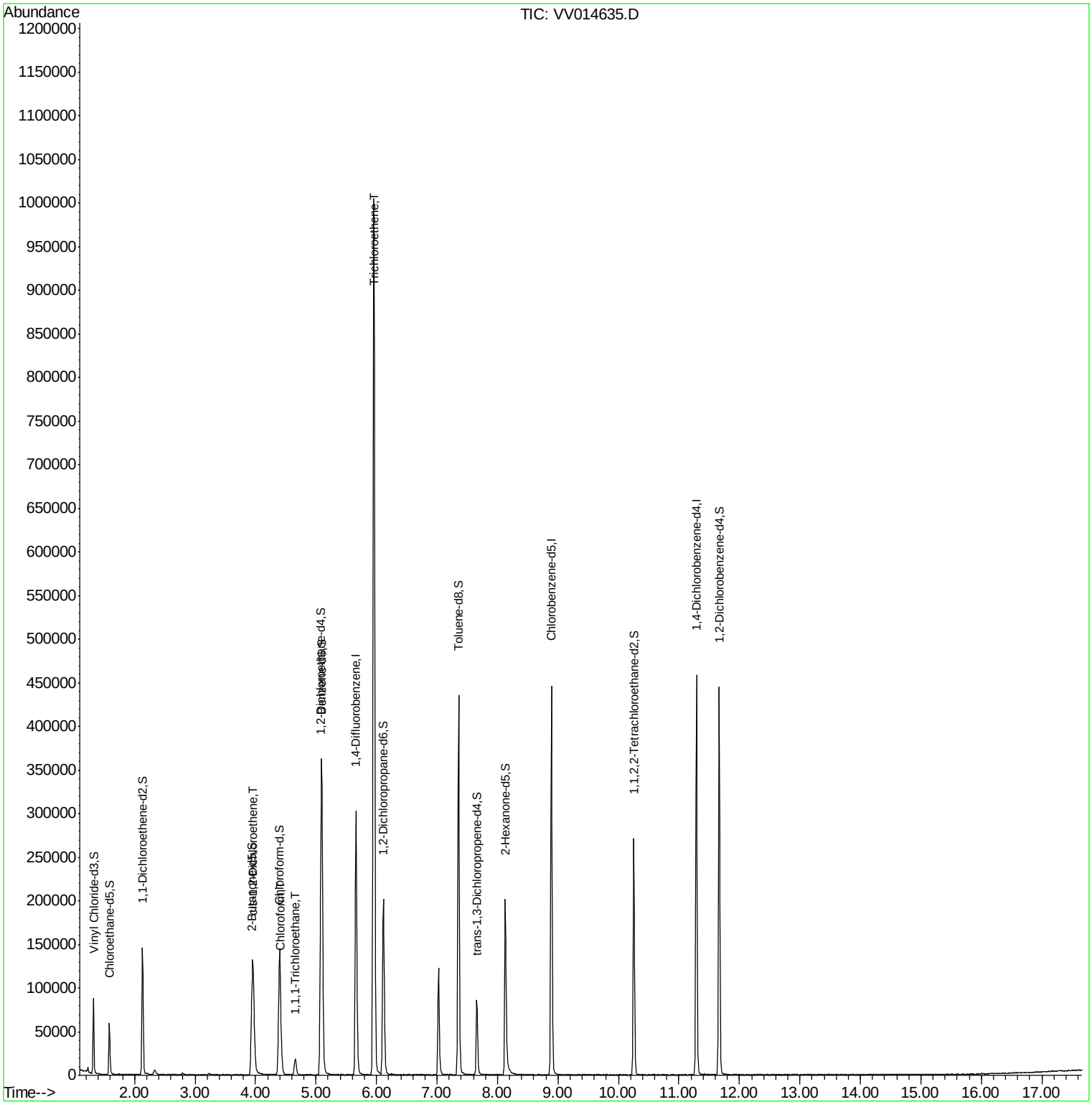
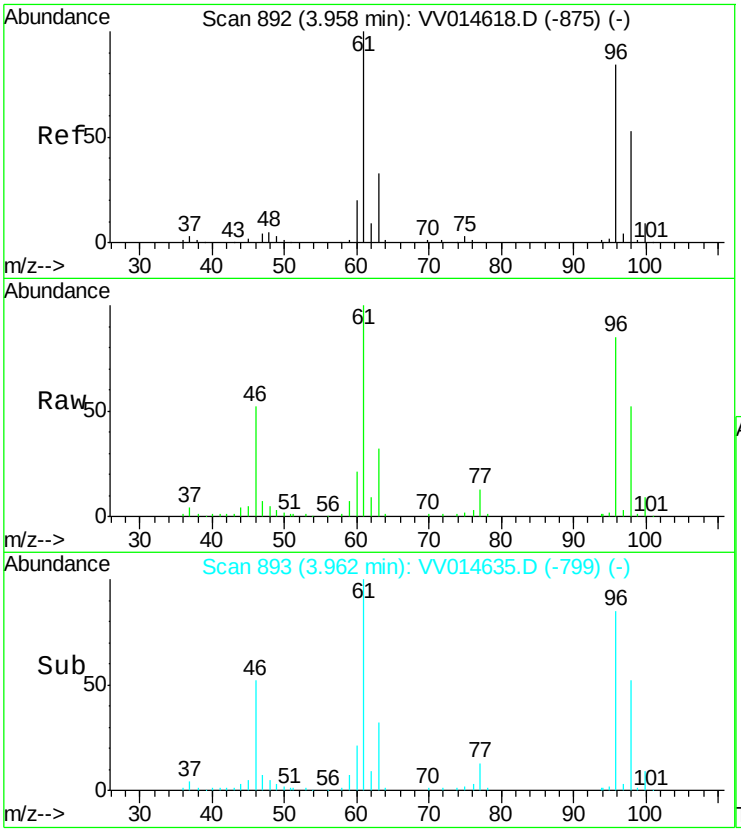


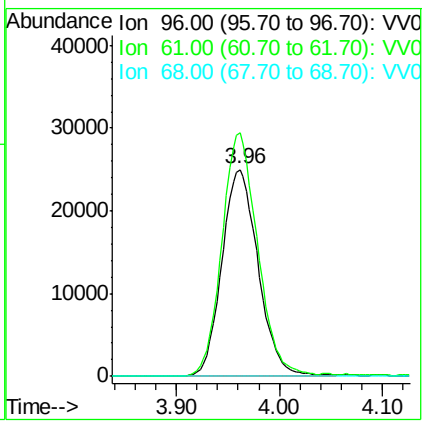


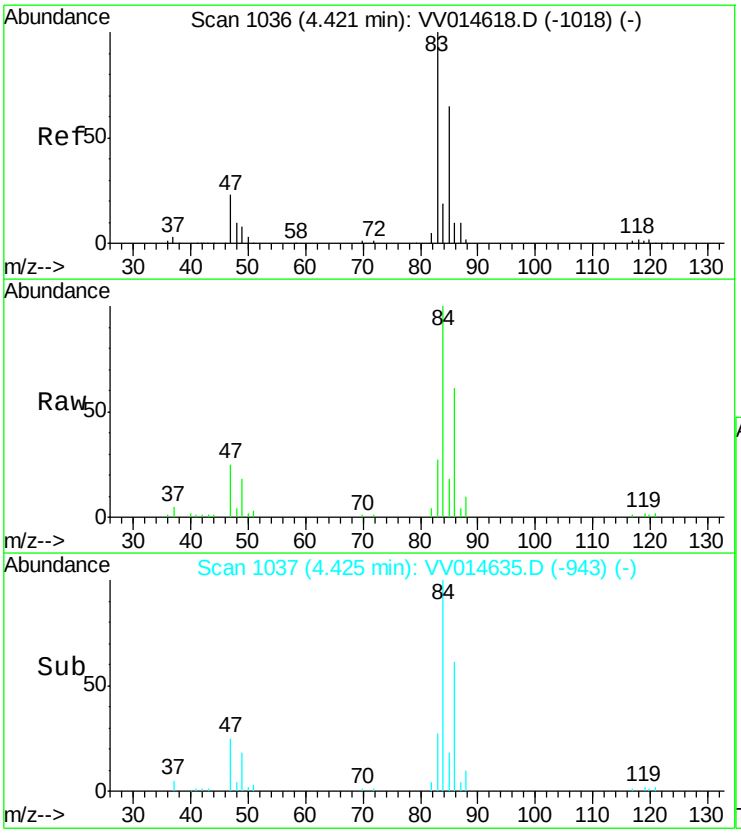
#20
cis-1,2-Dichloroethene
Concen: 33.058 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.00 min
Lab File: VV014635.D
Acq: 20 Feb 2020 19:44

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Tgt Ion: 96 Resp: 61192

Ion	Ratio	Lower	Upper
96	100		
61	117.8	85.9	159.5
68	0.0	0.0	0.0

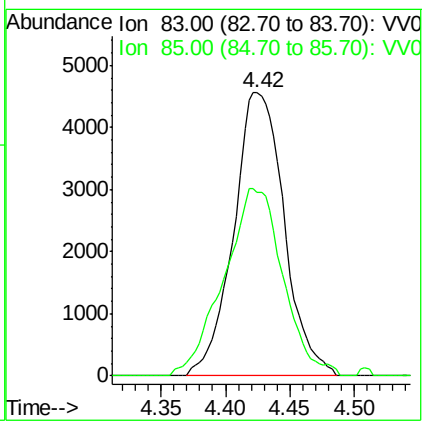


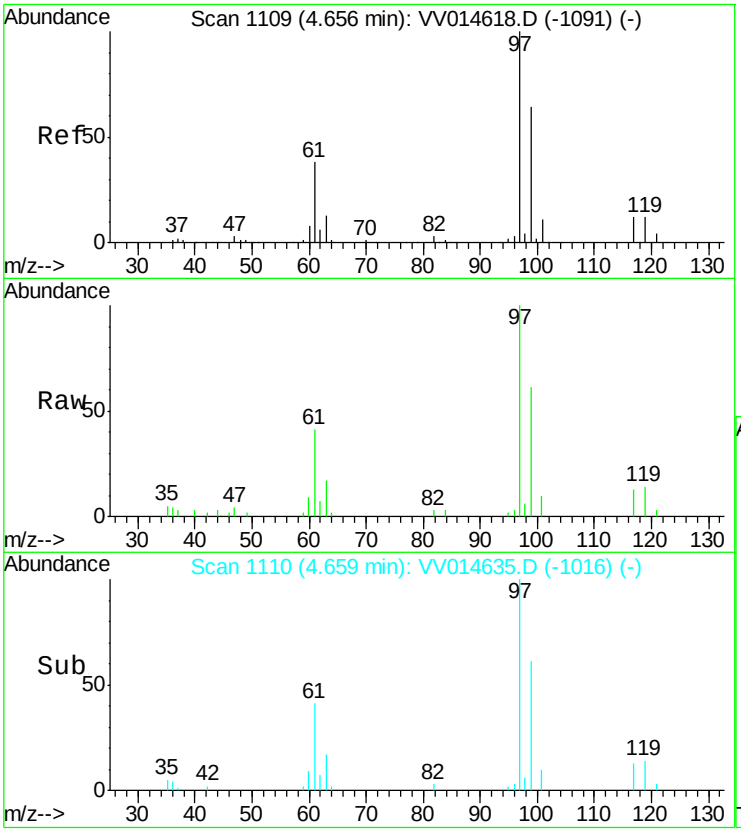


#25
Chloroform
Concen: 4.006 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV014635.D
Acq: 20 Feb 2020 19:44

Tgt Ion: 83 Resp: 12444

Ion	Ratio	Lower	Upper
83	100		
85	64.7	45.0	83.6



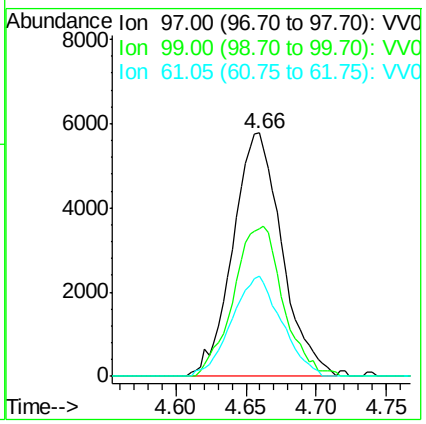


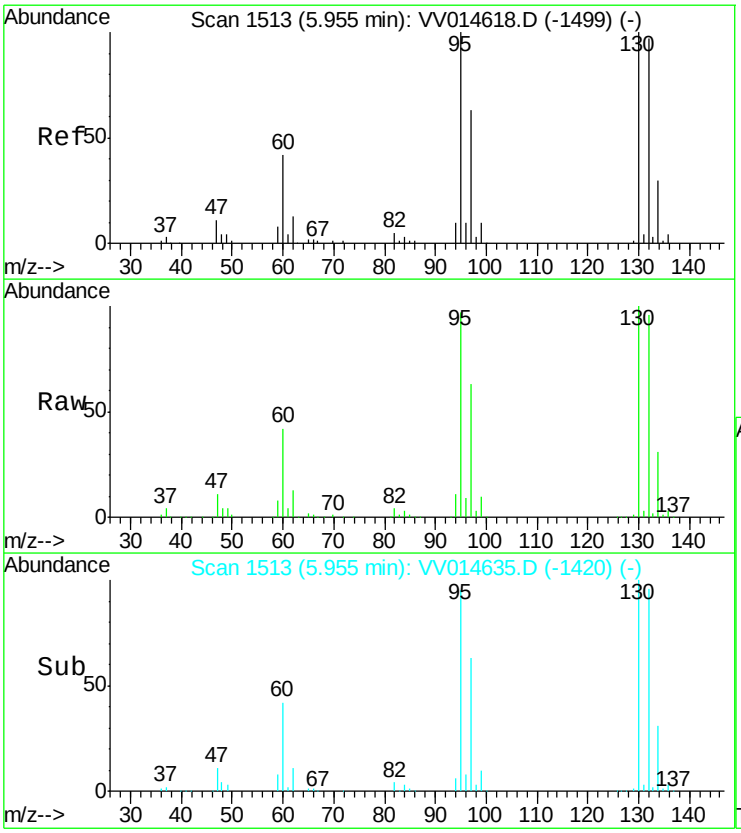
#30
1,1,1-Trichloroethane
Concen: 5.237 ug/L
RT: 4.66 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VV014635.D
Acq: 20 Feb 2020 19:44

Instrument :
MSVOA_V
ClientSampleId :
C0AP9

Tgt Ion: 97 Resp: 14059

Ion	Ratio	Lower	Upper
97	100		
99	61.9	51.2	76.8
61	41.6	32.4	48.6





#34
Trichloroethene
Concen: 199.902 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV014635.D
Acq: 20 Feb 2020 19:44

Tgt Ion: 95 Resp: 349489

Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.3	84.1
132	98.5	69.6	129.2
130	103.0	74.0	137.4