Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092520\
Data File : VV018447.D
Acq On : 25 Sep 2020 12:01
Operator : SY/MD
Sample : L4109-03ME
Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3W7ME

Quant Time: Sep 26 00:33:33 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 25 23:36:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	405316	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	400438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	210186	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	89793	27.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 54.36%#			
7) Chloroethane-d5	1.58	69	78846	29.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 58.34%#			
11) 1,1-Dichloroethene-d2	2.10	63	135343	22.34	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery = 44.68%#			
21) 2-Butanone-d5	3.93	46	132265	65.42	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 65.42%			
24) Chloroform-d	4.37	84	201409	35.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 70.28%			
26) 1,2-Dichloroethane-d4	5.05	65	134929	36.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.46%			
32) Benzene-d6	5.07	84	423637	36.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 73.92%			
36) 1,2-Dichloropropane-d6	6.09	67	137702	37.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 75.60%			
41) Toluene-d8	7.33	98	393360	37.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 75.30%#			
43) trans-1,3-Dichloropropene-	7.64	79	68716	37.13	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.26%			
47) 2-Hexanone-d5	8.14	63	109881	79.64	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery = 79.64%			
57) 1,1,2,2-Tetrachloroethane-	10.25	84	175403	38.37	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery = 76.74%			
64) 1,2-Dichlorobenzene-d4	11.65	152	175416	40.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.28%			
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	3.93	96	8085	2.758	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	12702	2.733	ug/L	98
42) Toluene	7.41	91	115504	9.533	ug/L	98
53) m,p-Xylene	9.17	106	3932	0.796	ug/L	97

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

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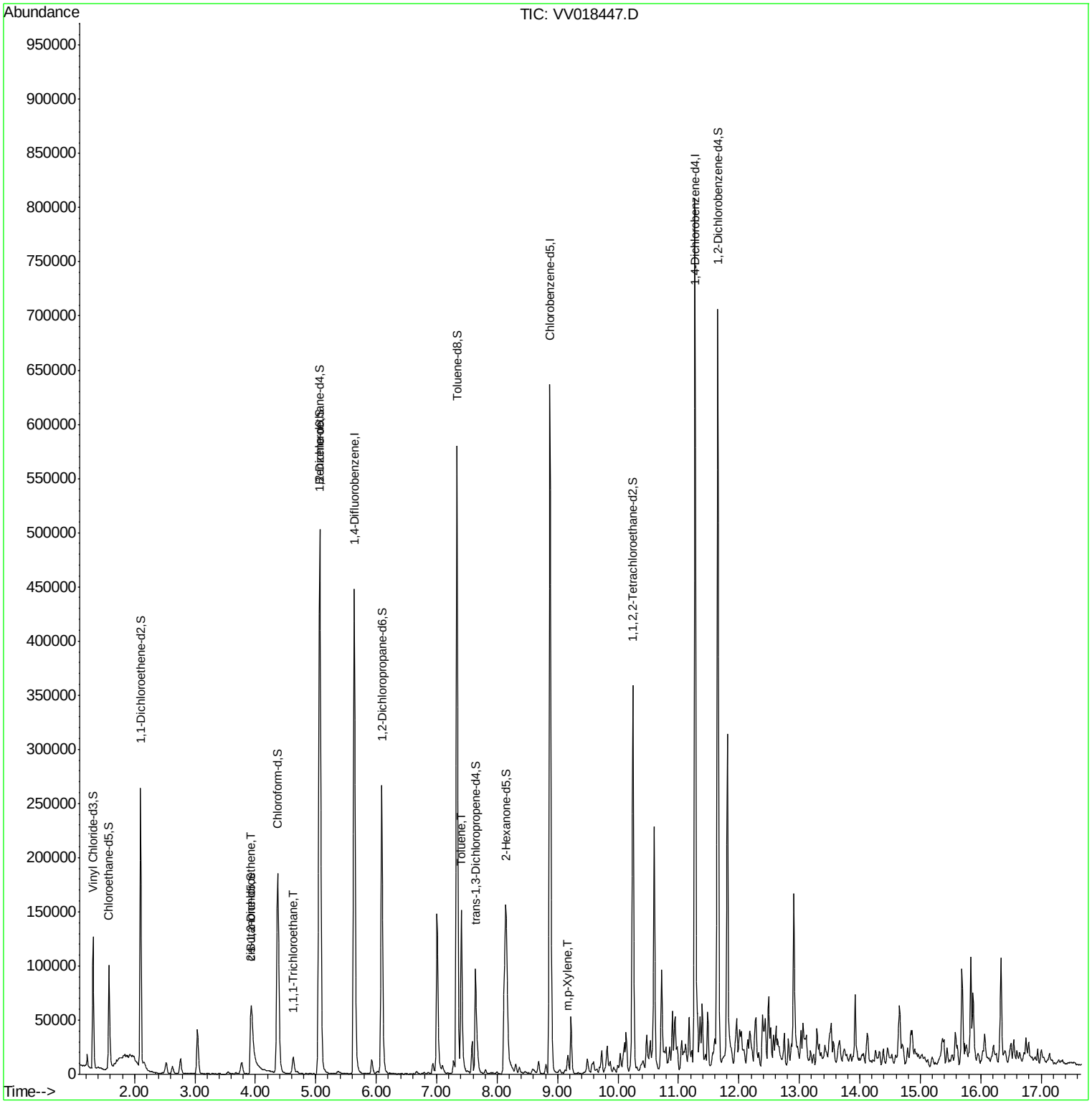
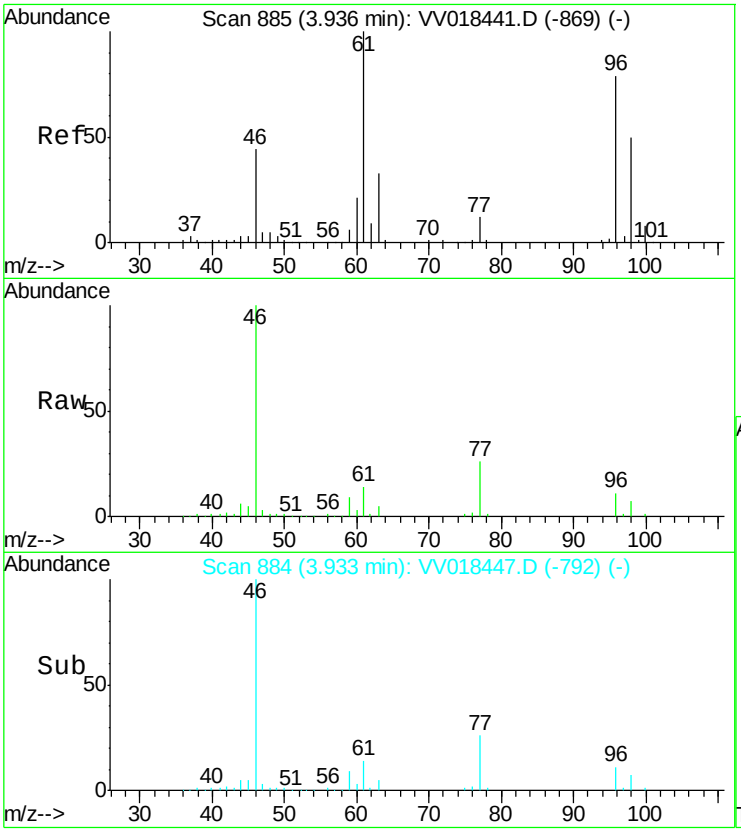


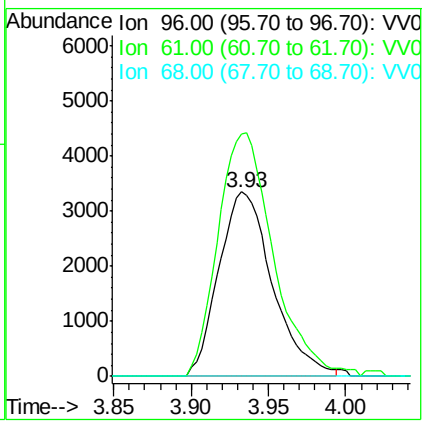


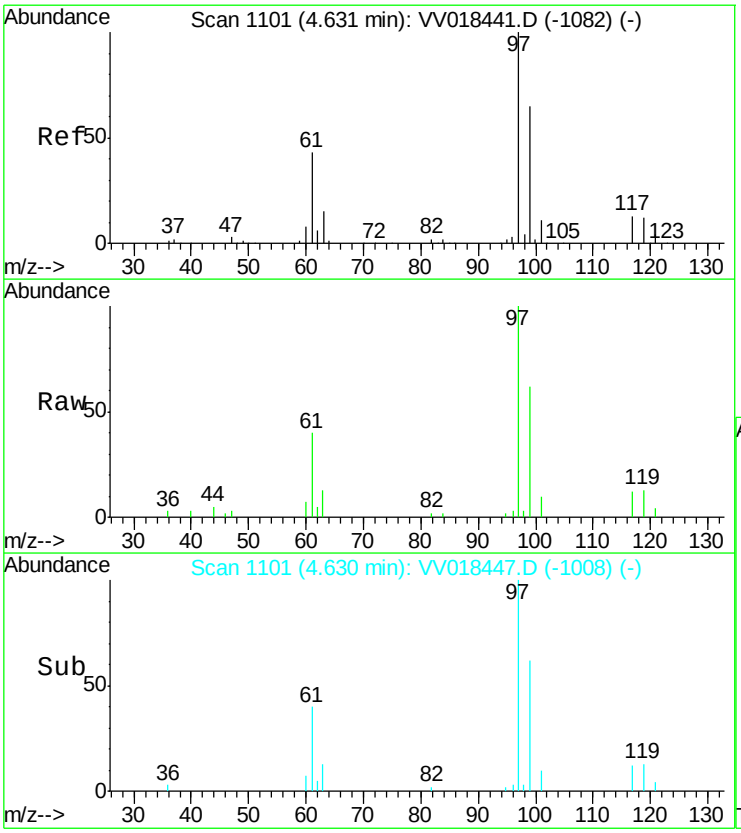
#20
cis-1,2-Dichloroethene
Concen: 2.758 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV018447.D
Acq: 25 Sep 2020 12:01

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Tgt Ion: 96 Resp: 8085

Ion	Ratio	Lower	Upper
96	100		
61	131.4	93.6	173.8
68	0.0	0.0	0.0

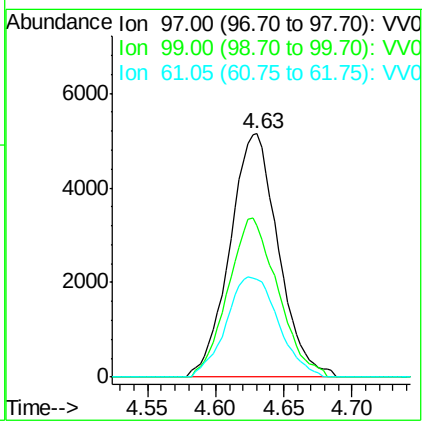


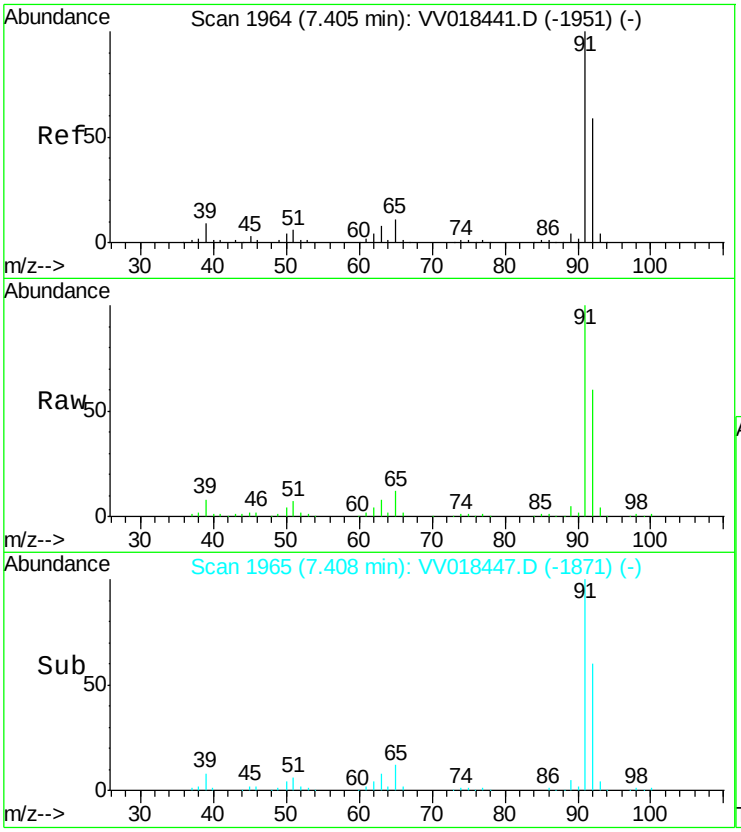


#30
1,1,1-Trichloroethane
Concen: 2.733 ug/L
RT: 4.63 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV018447.D
Acq: 25 Sep 2020 12:01

Tgt Ion: 97 Resp: 12702

Ion	Ratio	Lower	Upper
97	100		
99	67.0	51.6	77.4
61	44.2	34.9	52.3



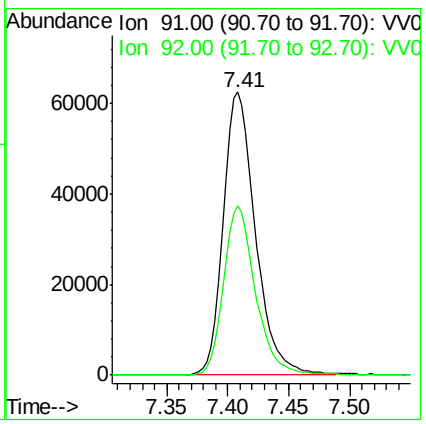


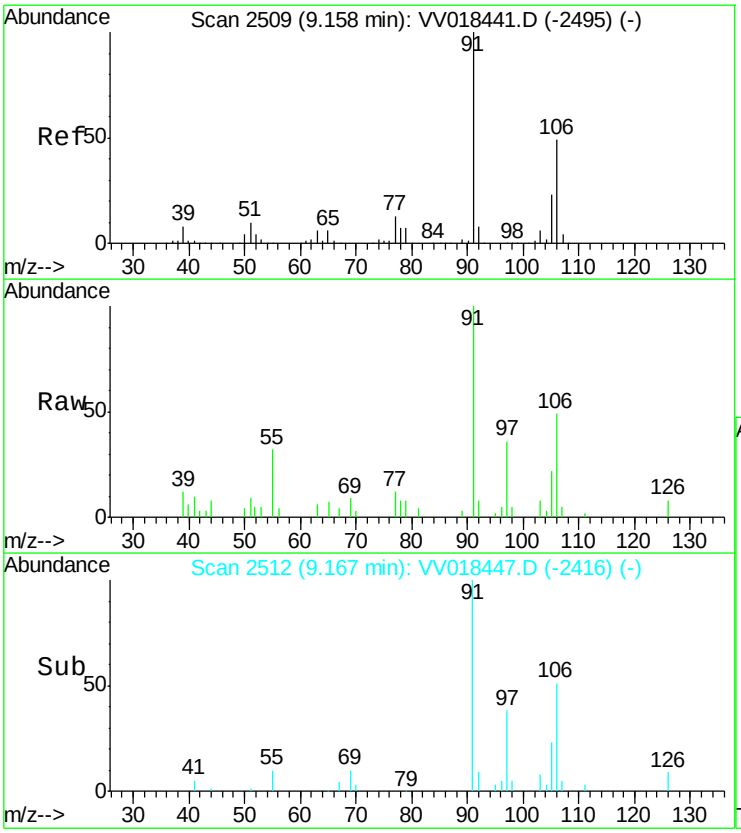
#42
Toluene
Concen: 9.533 ug/L
RT: 7.41 min Scan# 1965
Delta R.T. 0.00 min
Lab File: VV018447.D
Acq: 25 Sep 2020 12:01

Instrument :
MSVOA_V
ClientSampleId :
BG3W7ME

Tgt Ion: 91 Resp: 115504

Ion	Ratio	Lower	Upper
91	100		
92	59.8	40.7	75.5





#53
m,p-Xylene
Concen: 0.796 ug/L
RT: 9.17 min Scan# 2512
Delta R.T. 0.01 min
Lab File: VV018447.D
Acq: 25 Sep 2020 12:01

Tgt Ion:106 Resp: 3932

Ion	Ratio	Lower	Upper
106	100		
91	204.6	146.7	272.5