Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031321\
Data File : VV020584.D
Acq On : 13 Mar 2021 00:06
Operator : SY/MD
Sample : M1633-16
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0B99

Quant Time: Mar 13 02:37:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 13 02:32:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	468713	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	457664	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	194849	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	175195	46.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 92.68%			
7) Chloroethane-d5	1.571	69	145847	48.22	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.44%			
11) 1,1-Dichloroethene-d2	2.108	63	258041	35.90	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.80%			
21) 2-Butanone-d5	3.889	46	276035	113.76	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 113.76%			
24) Chloroform-d	4.352	84	324700	49.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.82%			
26) 1,2-Dichloroethane-d4	5.037	65	229987	53.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.08%			
32) Benzene-d6	5.053	84	665742	52.65	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.30%			
36) 1,2-Dichloropropane-d6	6.072	67	218198	53.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.86%			
41) Toluene-d8	7.320	98	565689	50.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.68%			
43) trans-1,3-Dichloroprop...	7.625	79	83847	44.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.70%			
47) 2-Hexanone-d5	8.091	63	151731	100.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.24%			
57) 1,1,2,2-Tetrachloroeth...	10.220	84	252817	50.01	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 100.02%			
64) 1,2-Dichlorobenzene-d4	11.631	152	208760	55.29	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.58%			
Target Compounds						Qvalue
25) Chloroform	4.384	83	14490	2.15	ug/L	95
30) 1,1,1-Trichloroethane	4.616	97	16036	2.90	ug/L	97
34) Trichloroethene	5.918	95	278624	71.51	ug/L	97
48) 2-Hexanone	8.149	43	12871	3.04	ug/L #	42

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

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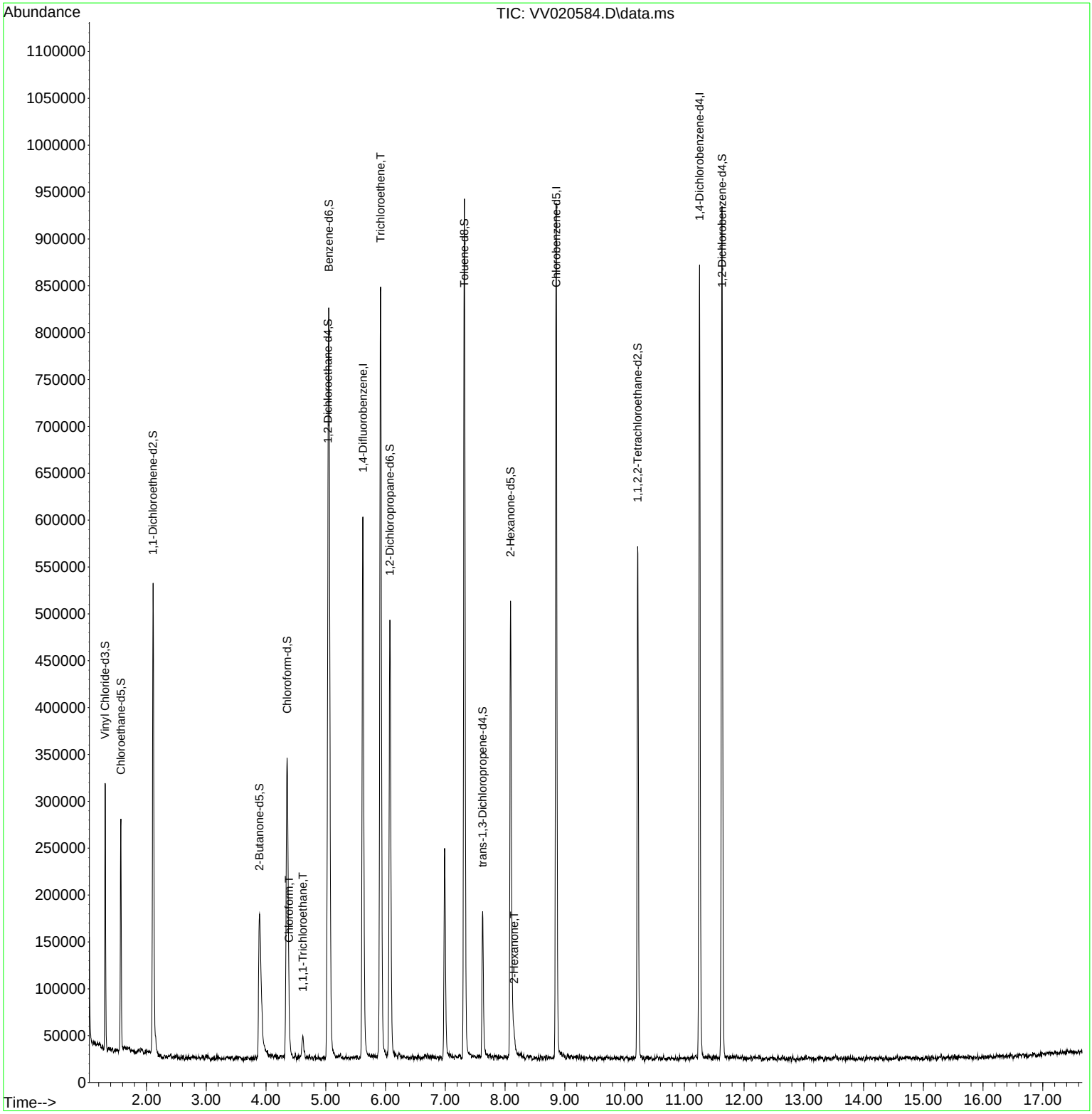
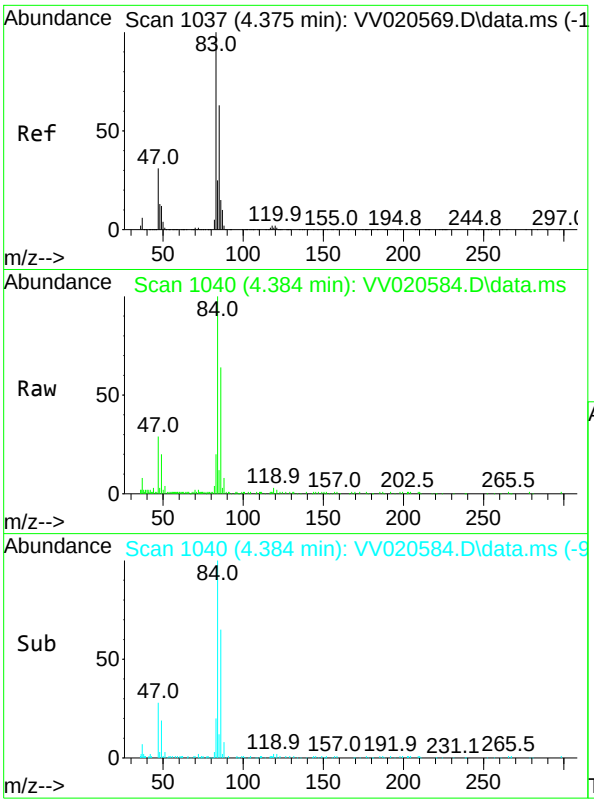


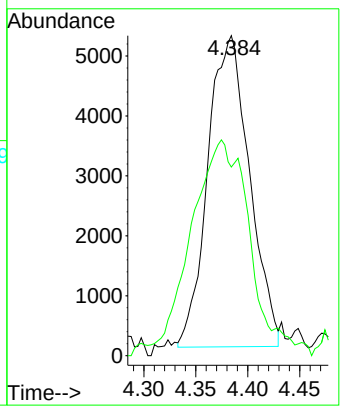
Instrument :
MSVOA_V
ClientSampleId :
C0B99

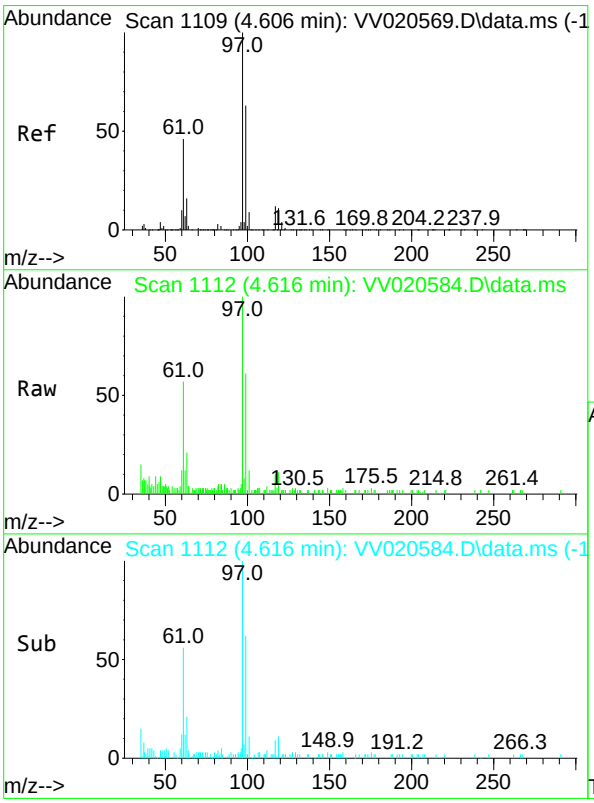


#25
Chloroform
Concen: 2.15 ug/L
RT: 4.384 min Scan# 1040
Delta R.T. 0.009 min
Lab File: VV020584.D
Acq: 13 Mar 2021 00:06

Tgt Ion: 83 Resp: 14490

Ion	Ratio	Lower	Upper
83	100		
85	58.9	44.2	82.2

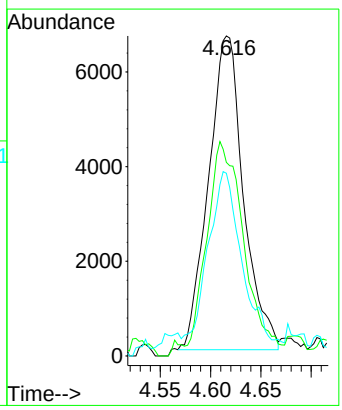


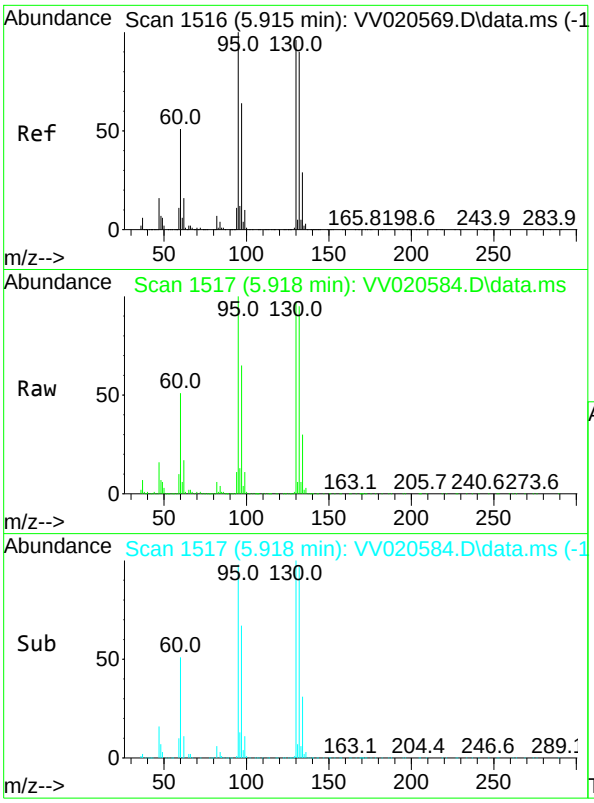


#30
1,1,1-Trichloroethane
Concen: 2.90 ug/L
RT: 4.616 min Scan# 1112
Delta R.T. 0.009 min
Lab File: VV020584.D
Acq: 13 Mar 2021 00:06

Tgt Ion: 97 Resp: 16036

Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.2	76.8
61	45.8	38.5	57.7

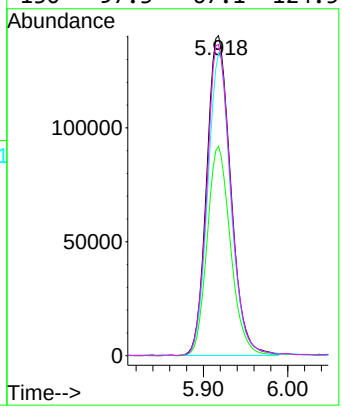




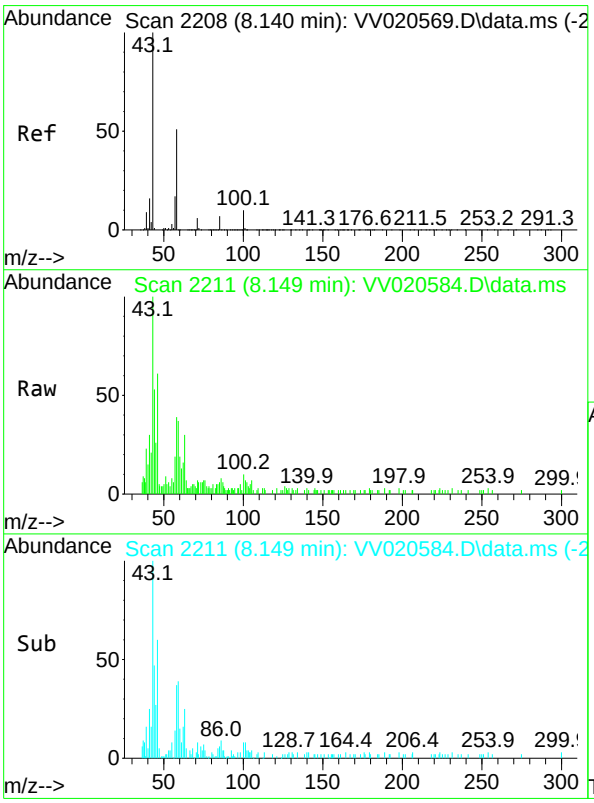
#34
Trichloroethene
Concen: 71.51 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV020584.D
Acq: 13 Mar 2021 00:06

Tgt Ion: 95 Resp: 278624

Ion	Ratio	Lower	Upper
95	100		
97	65.4	44.5	82.7
132	94.5	63.4	117.8
130	97.3	67.1	124.5



Instrument :
MSVOA_V
ClientSampleId :
C0B99



#48
2-Hexanone
Concen: 3.04 ug/L
RT: 8.149 min Scan# 2211
Delta R.T. 0.009 min
Lab File: VV020584.D
Acq: 13 Mar 2021 00:06

Tgt Ion: 43 Resp: 12871

Ion	Ratio	Lower	Upper
43	100		
58	0.0	41.8	62.6#
57	1.5	15.0	22.4#
100	6.4	8.9	13.3#