Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020221\
Data File : VV020250.D
Acq On : 02 Feb 2021 20:02
Operator : SY/MD
Sample : M1258-19
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG531

Quant Time: Feb 03 02:32:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 03 02:27:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	724169	50.00	ug/L	# 0.00
28) Chlorobenzene-d5	8.855	117	700416	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	373065	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	146136	29.05	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 58.10%#			
7) Chloroethane-d5	1.569	69	125794	32.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 65.02%#			
11) 1,1-Dichloroethene-d2	2.110	63	213842	29.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 58.36%#			
21) 2-Butanone-d5	3.891	46	248900	78.42	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.42%			
24) Chloroform-d	4.354	84	368501	40.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.36%			
26) 1,2-Dichloroethane-d4	5.036	65	238374	40.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.38%			
32) Benzene-d6	5.055	84	734373	40.51	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 81.02%			
36) 1,2-Dichloropropane-d6	6.074	67	227098	40.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 81.32%			
41) Toluene-d8	7.318	98	680719	40.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 80.66%			
43) trans-1,3-Dichloroprop...	7.624	79	105091	38.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 76.78%			
47) 2-Hexanone-d5	8.090	63	181182	73.43	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.43%			
57) 1,1,2,2-Tetrachloroeth...	10.222	84	332405	43.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.66%			
64) 1,2-Dichlorobenzene-d4	11.630	152	334757	46.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.76%			
Target Compounds						Qvalue
13) Acetone	2.184	43	14769	8.08	ug/L	78
14) Carbon disulfide	2.299	76	41130	3.54	ug/L	98
46) Tetrachloroethene	7.981	164	6109	1.41	ug/L	89
48) 2-Hexanone	8.148	43	11059	2.18	ug/L #	89

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

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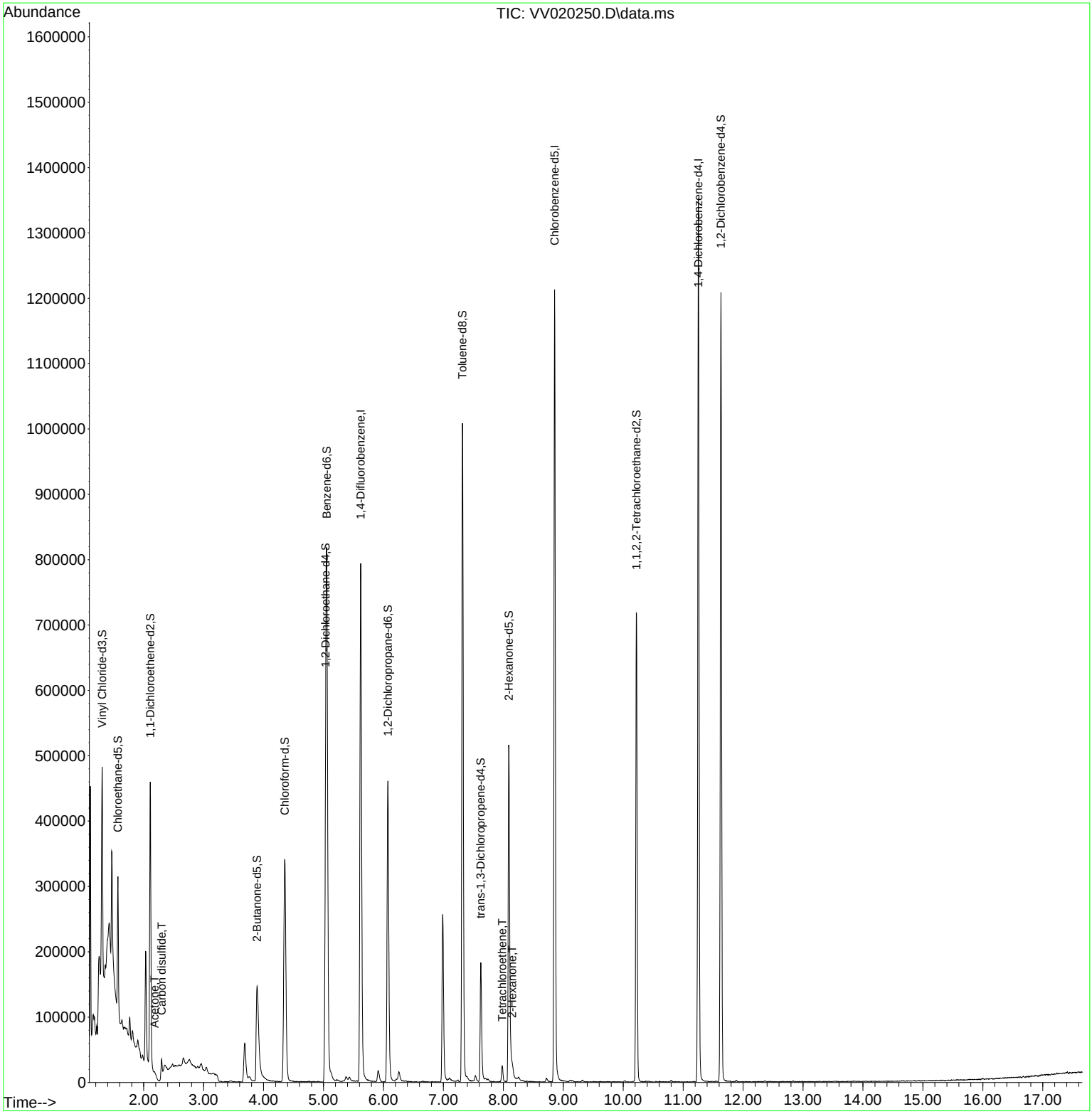
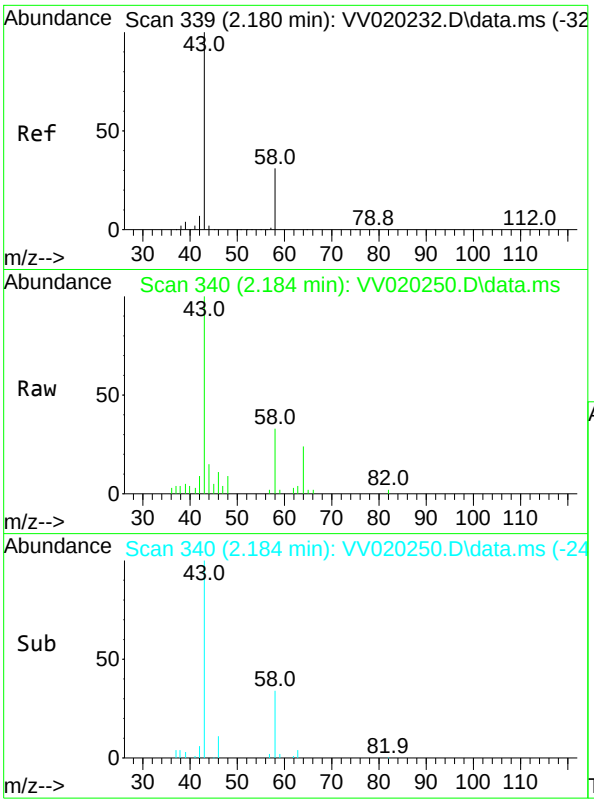
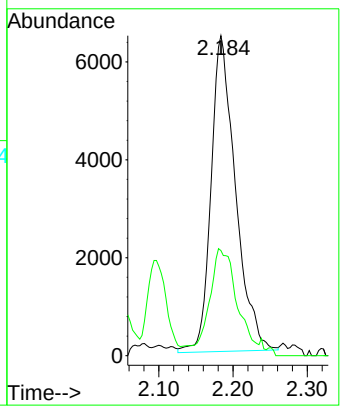




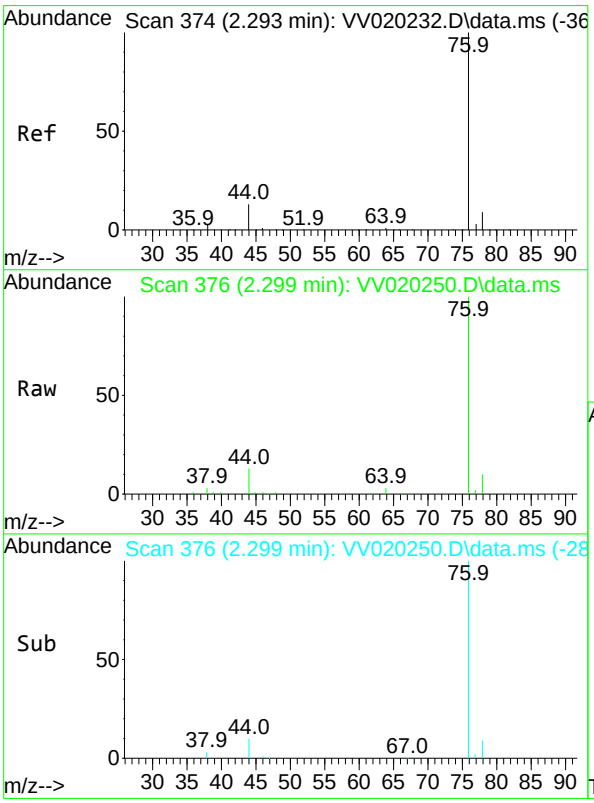
#13
Acetone
Concen: 8.08 ug/L
RT: 2.184 min Scan# 340
Delta R.T. 0.003 min
Lab File: VV020250.D
Acq: 02 Feb 2021 20:02

Tgt Ion: 43 Resp: 14769

Ion	Ratio	Lower	Upper
43	100		
58	18.4	0.0	60.2



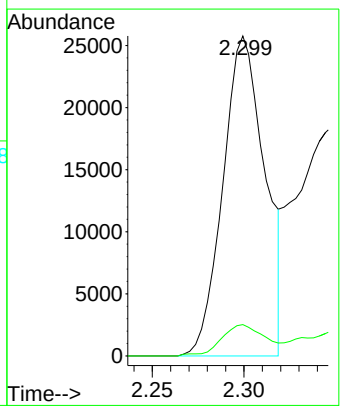
Instrument :
MSVOA_V
ClientSampleId :
BG531



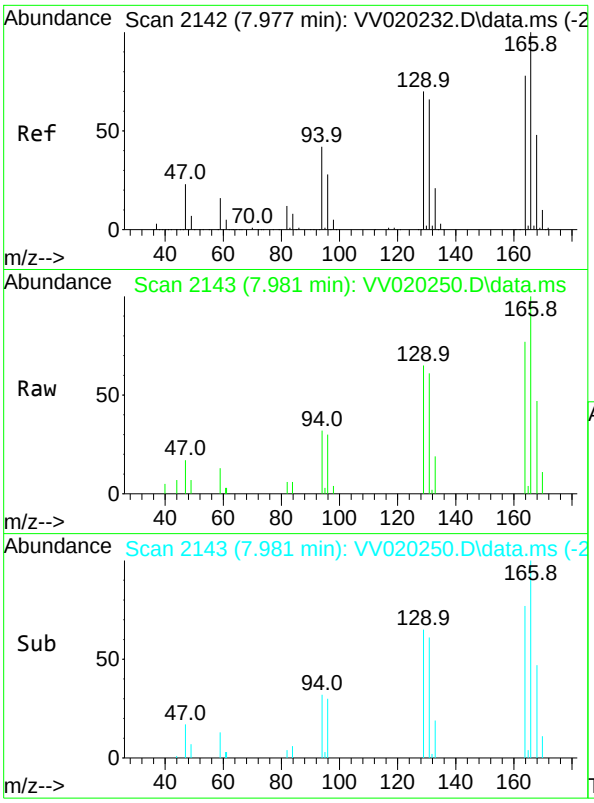
#14
Carbon disulfide
Concen: 3.54 ug/L
RT: 2.299 min Scan# 376
Delta R.T. 0.007 min
Lab File: VV020250.D
Acq: 02 Feb 2021 20:02

Tgt Ion: 76 Resp: 41130

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.2	10.8



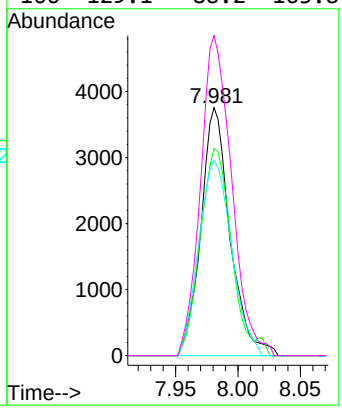
Instrument :
MSVOA_V
ClientSampleId :
BG531

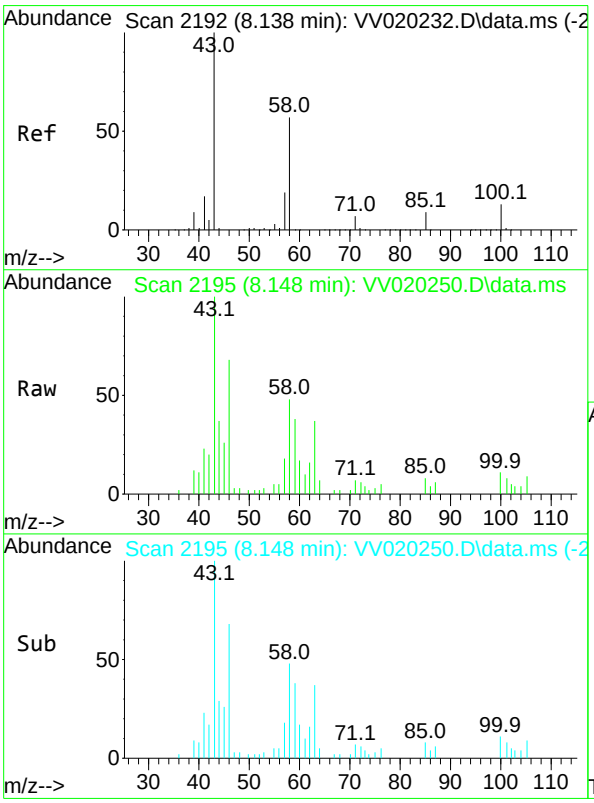


#46
Tetrachloroethene
Concen: 1.41 ug/L
RT: 7.981 min Scan# 2143
Delta R.T. 0.003 min
Lab File: VV020250.D
Acq: 02 Feb 2021 20:02

Tgt Ion:164 Resp: 6109

Ion	Ratio	Lower	Upper
164	100		
129	83.6	70.6	131.0
131	78.7	66.8	124.0
166	129.1	88.2	163.8





#48
2-Hexanone
Concen: 2.18 ug/L
RT: 8.148 min Scan# 2195
Delta R.T. 0.010 min
Lab File: VV020250.D
Acq: 02 Feb 2021 20:02

Tgt Ion: 43 Resp: 11059

Ion	Ratio	Lower	Upper
43	100		
58	52.4	41.8	62.6
57	2.8	15.0	22.4#
100	2.8	8.9	13.3#