

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073020\
 Data File : VV017762.D
 Acq On : 30 Jul 2020 21:48
 Operator : SY/MD
 Sample : L3486-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y31

Quant Time: Jul 31 08:18:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM073020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jul 31 02:37:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	310052	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	293390	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	144563	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66762	44.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.32%
7) Chloroethane-d5	1.58	69	62906	48.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.46%
11) 1,1-Dichloroethene-d2	2.12	63	125949	34.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.32%
21) 2-Butanone-d5	3.91	46	116095	102.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.12%
24) Chloroform-d	4.38	84	198657	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.16%
26) 1,2-Dichloroethane-d4	5.06	65	151789	50.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.58%
32) Benzene-d6	5.07	84	354487	51.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.14%
36) 1,2-Dichloropropane-d6	6.09	67	100518	52.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.86%
41) Toluene-d8	7.34	98	329188	48.36	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.72%
43) trans-1,3-Dichloropropene-	7.64	79	56690	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.50%
47) 2-Hexanone-d5	8.11	63	81833	99.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	133163	46.00	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	148196	52.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.44%

Target Compounds

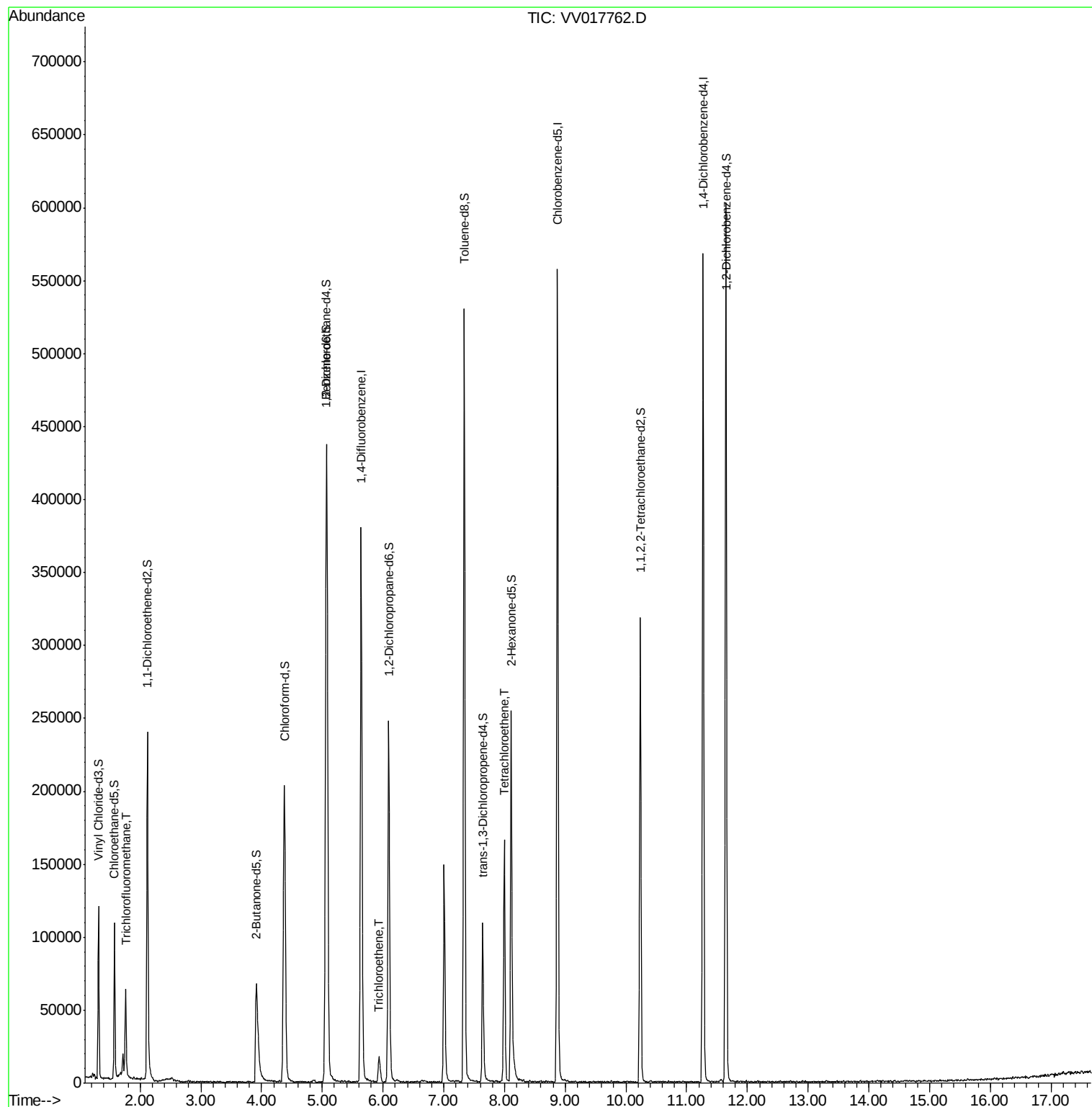
					Ovalue
9) Trichlorofluoromethane	1.76	101	33962	7.861 ug/L	98
34) Trichloroethene	5.94	95	2721	1.203 ug/L	96
46) Tetrachloroethene	8.00	164	37368	18.649 ug/L	97

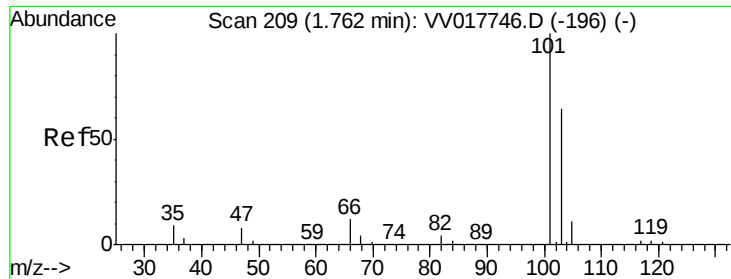
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 7.861 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

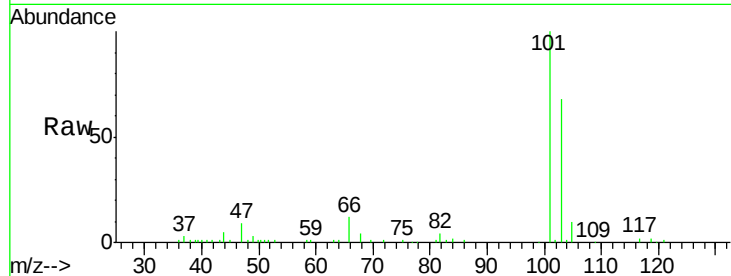
C0Y31

Tot Ion:101 Resp: 33962

Ion Ratio Lower Upper

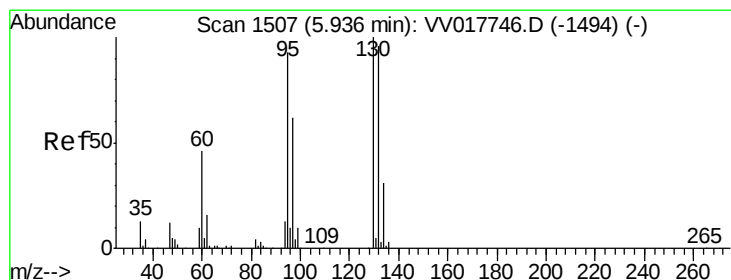
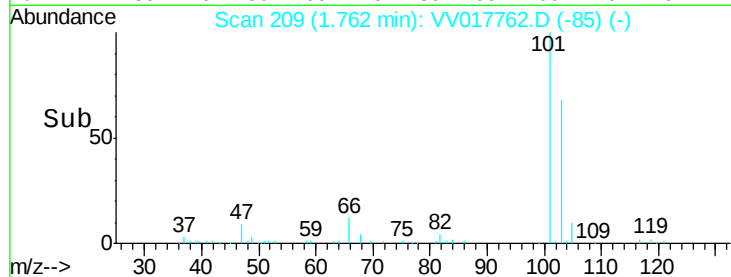
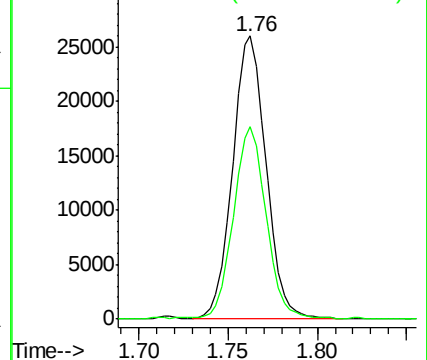
101 100

103 66.4 51.6 77.4



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 1.203 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

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Tgt Ion: 95 Resp: 2721

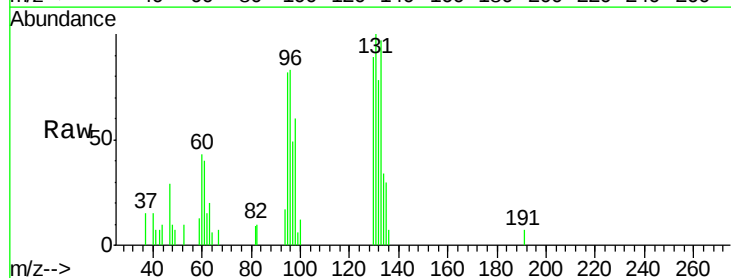
Ion Ratio Lower Upper

95 100

97 59.7 45.3 84.1

132 95.2 71.4 132.6

130 108.6 75.3 139.9

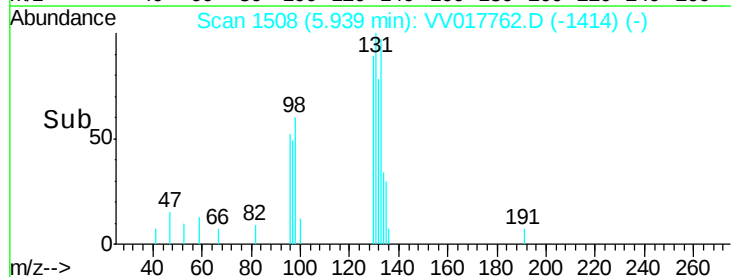
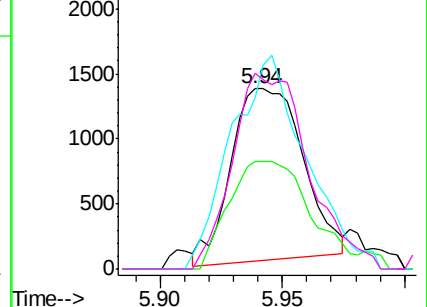


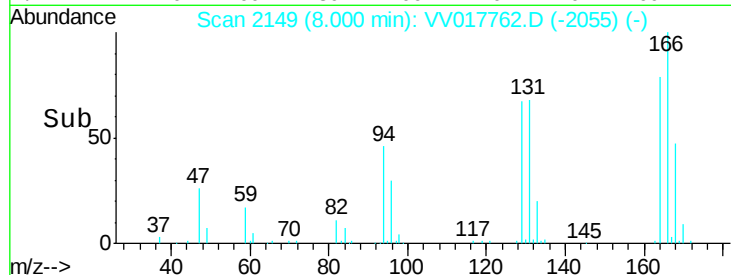
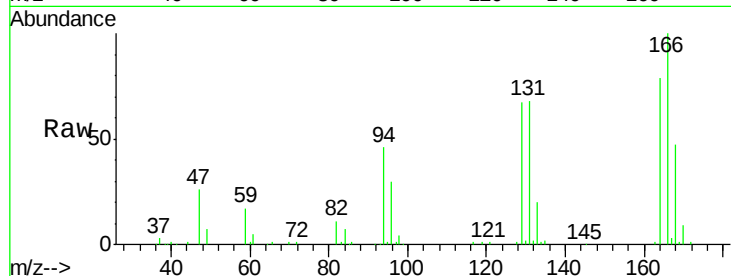
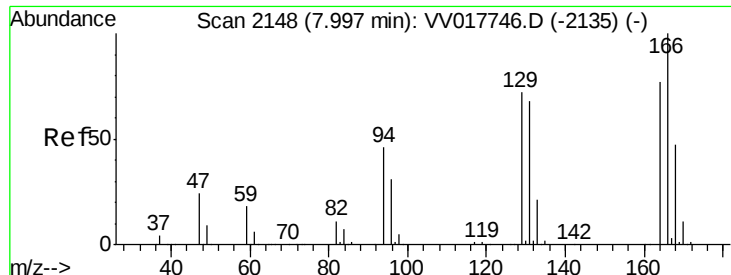
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V





#46

Tetrachloroethene

Concen: 18.649 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

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Tot Ion:164 Resp: 37368

Ion Ratio Lower Upper

164 100

129 84.4 63.9 118.7

131 85.7 62.6 116.3

166 126.4 88.3 164.1

Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

