

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015358.D
 Acq On : 02 Apr 2020 05:01
 Operator : SY/MD
 Sample : L2064-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y01

Quant Time: Apr 02 07:15:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	711022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	674831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	309558	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	240462	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.58	69	211537	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.68%
11) 1,1-Dichloroethene-d2	2.12	63	373168	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	3.94	46	294883	87.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.02%
24) Chloroform-d	4.38	84	437640	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.06	65	283680	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
32) Benzene-d6	5.07	84	906172	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.09	67	270175	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.18%
41) Toluene-d8	7.34	98	876586	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%
43) trans-1,3-Dichloropropene-	7.64	79	136208	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.46%
47) 2-Hexanone-d5	8.12	63	236052	84.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	383128	43.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	323893	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%

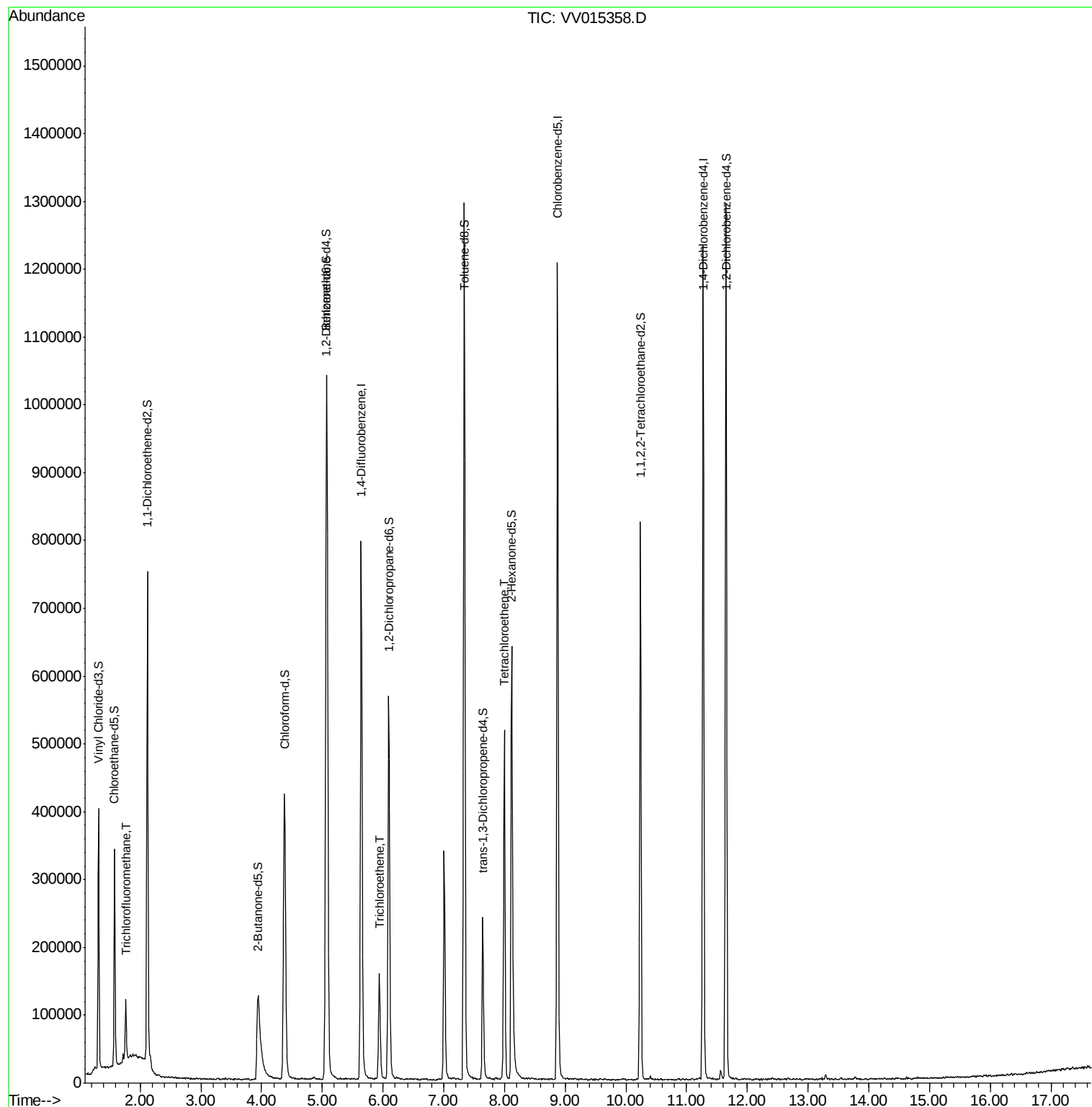
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.76	101	48434	4.036 ug/L	98
34) Trichloroethene	5.94	95	50924	9.629 ug/L	96
46) Tetrachloroethene	8.00	164	108631	28.651 ug/L	96

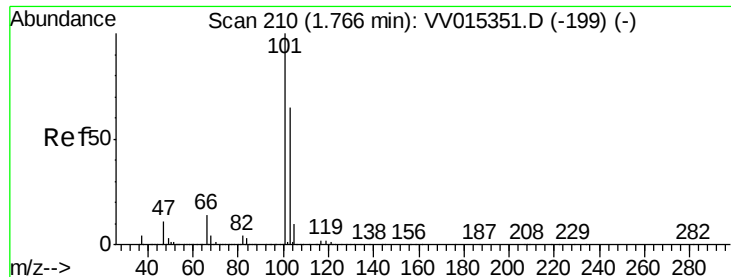
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 4.036 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Acq: 02 Apr 2020 05:01

Instrument :

MSVOA_V

ClientSampleId :

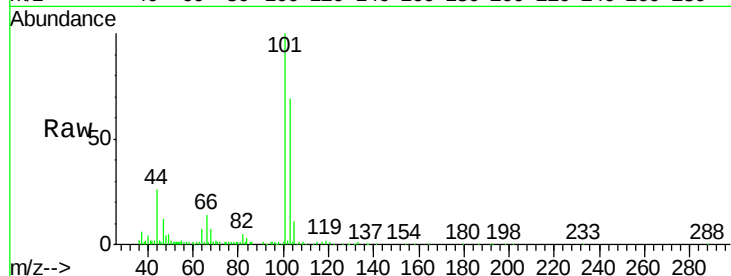
C0Y01

Tot Ion:101 Resp: 48434

Ion Ratio Lower Upper

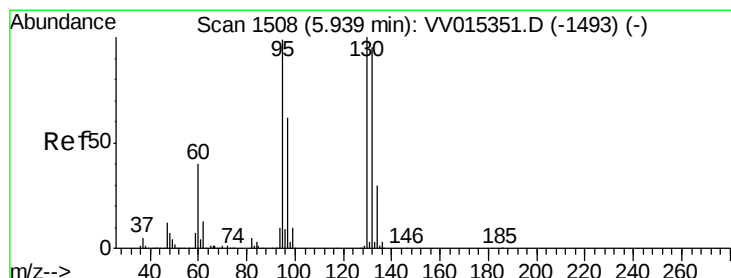
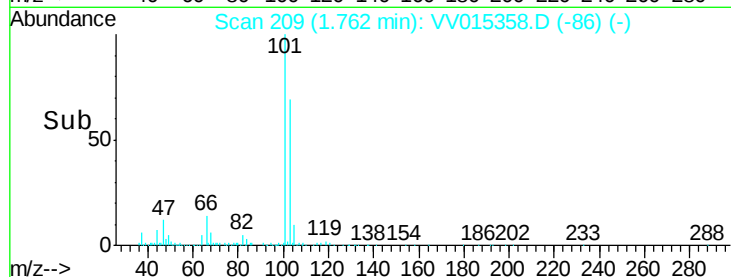
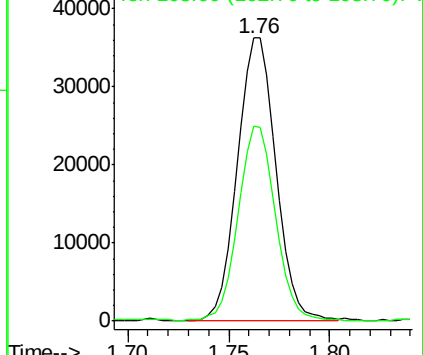
101 100

103 67.3 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#34

Trichloroethene

Concen: 9.629 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. -0.00 min

Lab File: VV015358.D

Acq: 02 Apr 2020 05:01

Tgt Ion: 95 Resp: 50924

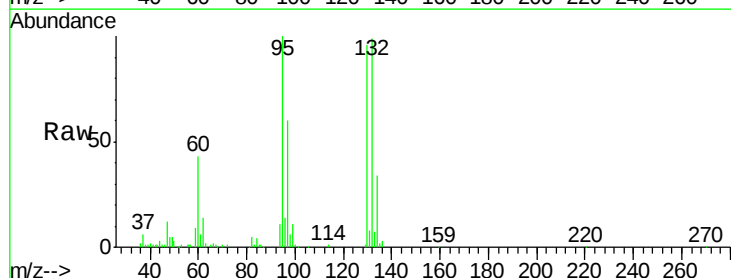
Ion Ratio Lower Upper

95 100

97 60.0 45.4 84.2

132 99.3 66.8 124.2

130 96.1 69.4 128.8

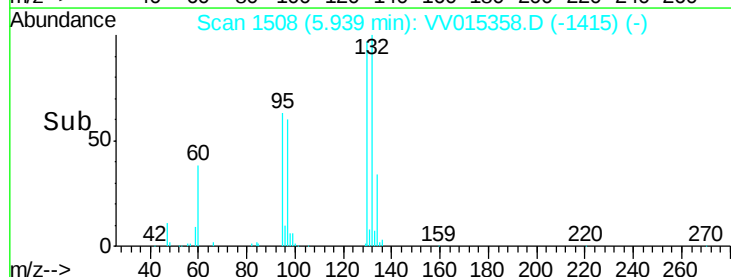
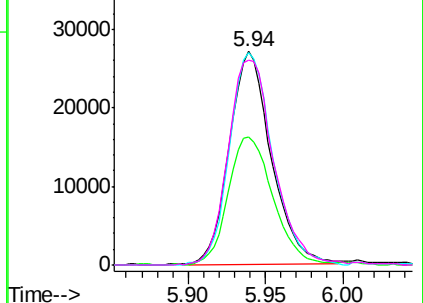


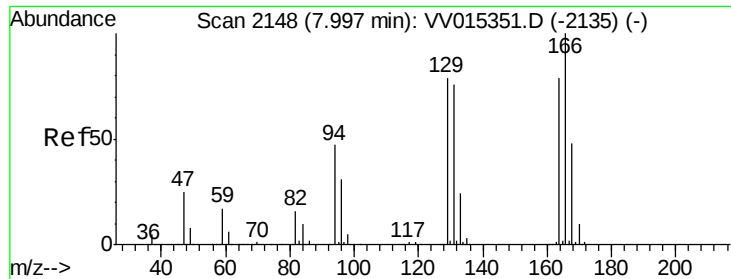
Abundance Ion 95.00 (94.70 to 95.70): VV0

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: 28.651 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

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C0Y01

Tot Ion:164 Resp: 108631

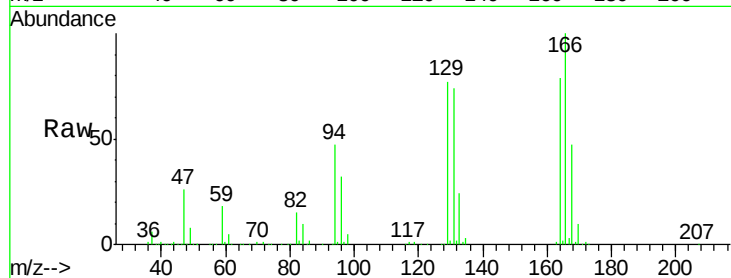
Ion Ratio Lower Upper

164 100

129 98.1 73.8 137.0

131 94.2 69.4 129.0

166 127.0 89.7 166.7



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

