

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013853.D
 Acq On : 29 Nov 2019 16:31
 Operator : SY/MD
 Sample : K6061-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XQ5

Quant Time: Nov 29 23:52:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 29 22:33:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	671272	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	647859	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	292643	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	195925	49.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.68%
7) Chloroethane-d5	1.58	69	177412	55.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	110.88%
11) 1,1-Dichloroethene-d2	2.13	63	278096	40.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.90%
21) 2-Butanone-d5	3.92	46	283558	97.56	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.56%
24) Chloroform-d	4.40	84	403229	47.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.50%
26) 1,2-Dichloroethane-d4	5.08	65	261642	46.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.96%
32) Benzene-d6	5.10	84	831657	48.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.26%
36) 1,2-Dichloropropane-d6	6.11	67	260733	46.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.04%
41) Toluene-d8	7.36	98	716030	45.04	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.08%
43) trans-1,3-Dichloropropene-	7.66	79	112883	43.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.66%
47) 2-Hexanone-d5	8.13	63	190813	93.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	331751	47.11	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.22%
64) 1,2-Dichlorobenzene-d4	11.67	152	308757	52.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.84%

Target Compounds

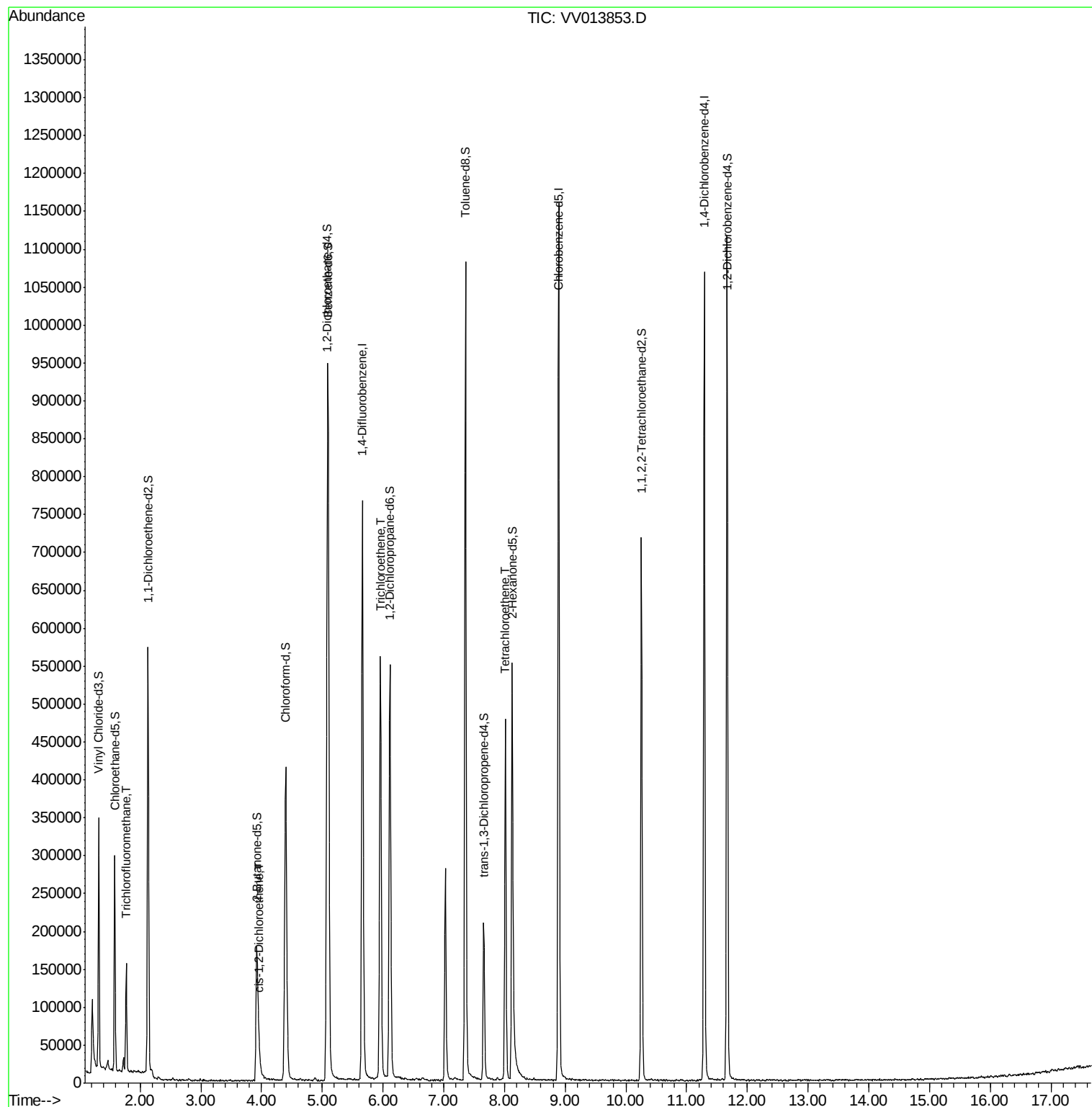
					Ovalue
9) Trichlorofluoromethane	1.77	101	82250	12.495	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	9220	1.916	ug/L 93
34) Trichloroethene	5.96	95	185136	37.873	ug/L 97
46) Tetrachloroethene	8.02	164	113326	27.164	ug/L 98

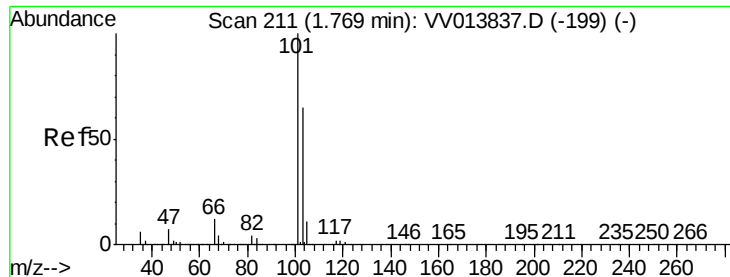
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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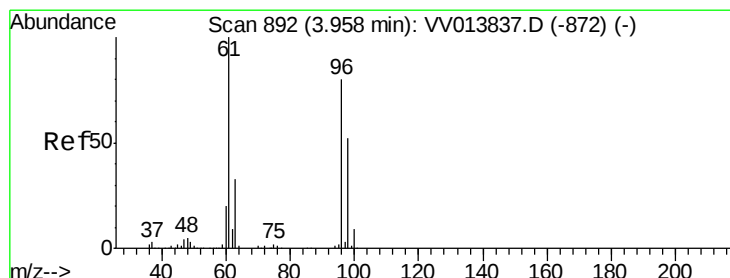
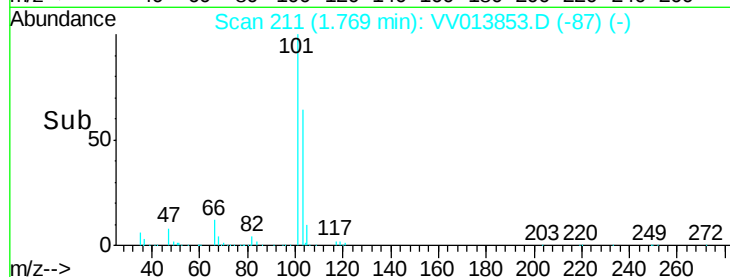
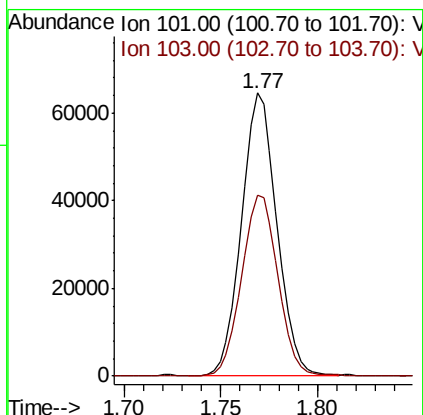
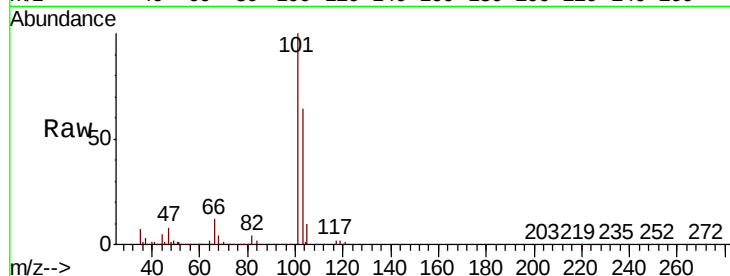


#9

Trichlorofluoromethane
Concen: 12.495 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013853.D
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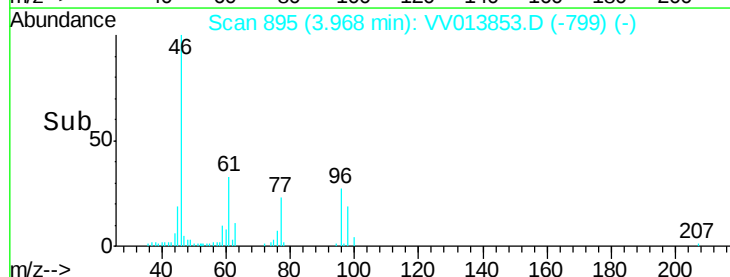
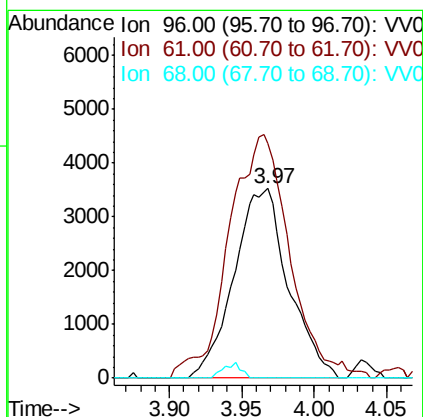
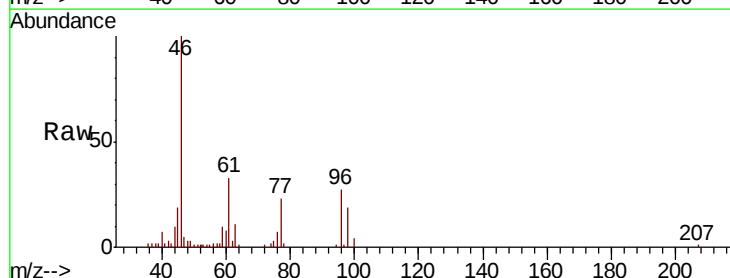
Tot Ion:101 Resp: 82250
Ion Ratio Lower Upper
101 100
103 65.9 52.5 78.7

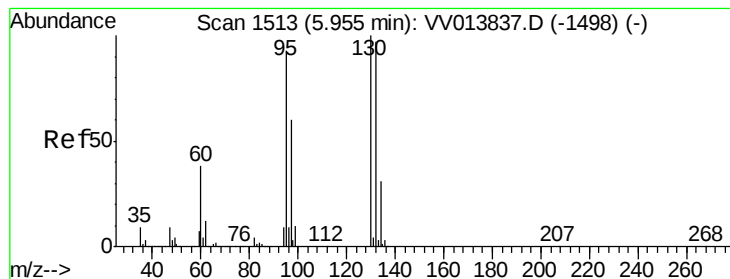


#20

cis-1,2-Dichloroethene
Concen: 1.916 ug/L
RT: 3.97 min Scan# 895
Delta R.T. 0.01 min
Lab File: VV013853.D
Acq: 29 Nov 2019 16:31

Tgt Ion: 96 Resp: 9220
Ion Ratio Lower Upper
96 100
61 123.5 92.1 171.1
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 37.873 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV013853.D

Acq: 29 Nov 2019 16:31

Instrument :

MSVOA_V

ClientSampleId :

C0XQ5

Tot Ion: 95 Resp: 185136

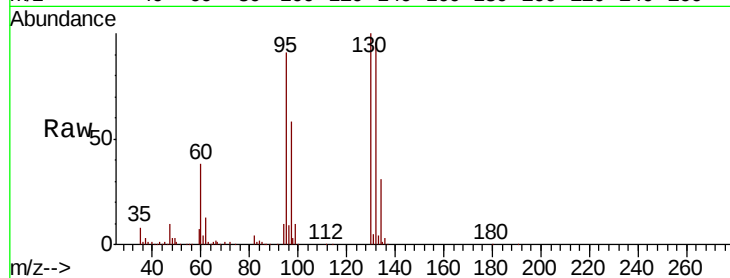
Ion Ratio Lower Upper

95 100

97 64.4 45.1 83.7

132 106.4 71.7 133.1

130 110.5 73.8 137.2

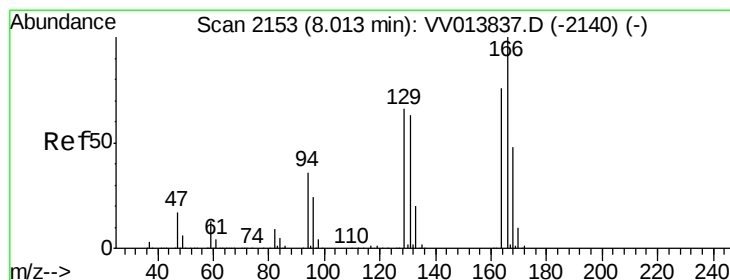
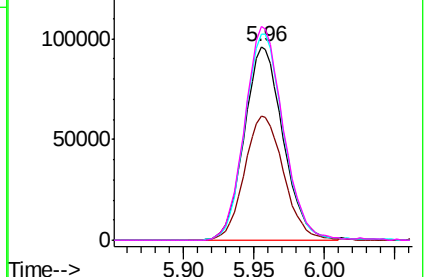
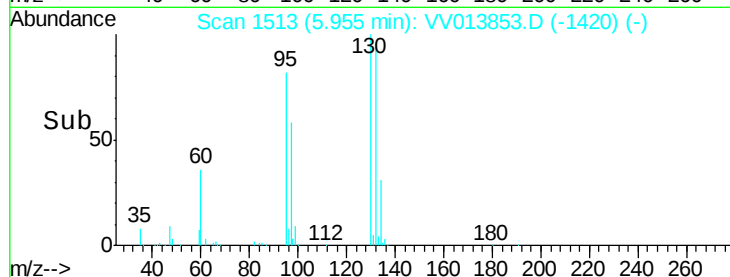


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#46

Tetrachloroethene

Concen: 27.164 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013853.D

Acq: 29 Nov 2019 16:31

Tgt Ion:164 Resp: 113326

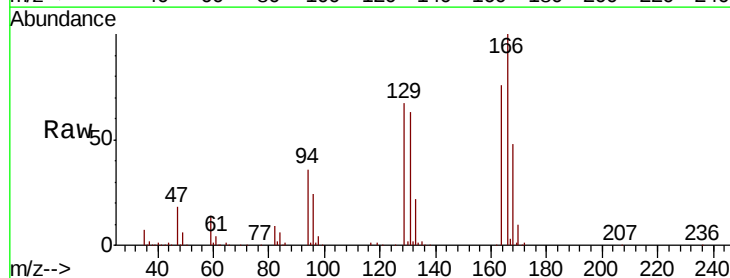
Ion Ratio Lower Upper

164 100

129 87.7 61.5 114.3

131 82.6 60.6 112.6

166 131.1 90.2 167.6



Abundance Ion 164.00 (163.70 to 164.70): VV0

Ion 129.00 (128.70 to 129.70): VV0

Ion 131.00 (130.70 to 131.70): VV0

Ion 166.00 (165.70 to 166.70): VV0

