

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082219\
 Data File : VV012350.D
 Acq On : 22 Aug 2019 16:18
 Operator : SY/MD
 Sample : K4481-09
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XM7

Quant Time: Aug 23 07:27:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 23 06:55:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	177595	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	166438	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	74882	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34321	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.58	69	25895	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.92%
11) 1,1-Dichloroethene-d2	2.13	63	55188	33.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.68%
21) 2-Butanone-d5	3.92	46	57531	87.78	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.78%
24) Chloroform-d	4.40	84	113841	47.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.26%
26) 1,2-Dichloroethane-d4	5.08	65	89328	54.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.40%
32) Benzene-d6	5.10	84	212999	47.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.98%
36) 1,2-Dichloropropane-d6	6.12	67	58227	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.02%
41) Toluene-d8	7.36	98	204558	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%
43) trans-1,3-Dichloropropene-	7.66	79	34871	47.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.34%
47) 2-Hexanone-d5	8.13	63	40692	82.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	82.15%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	78773	46.08	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.16%
64) 1,2-Dichlorobenzene-d4	11.67	152	87859	53.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.74%

Target Compounds

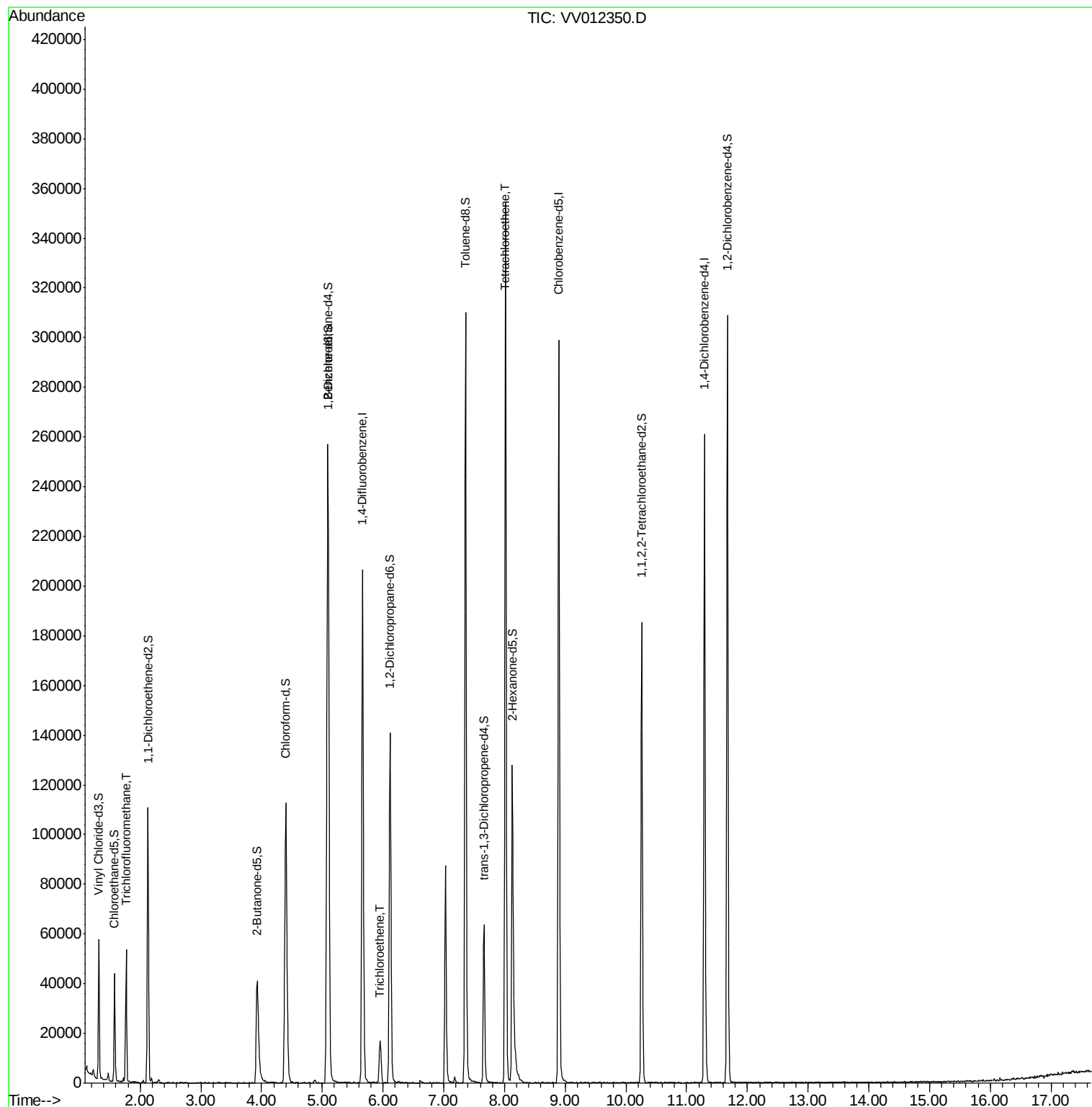
					Ovalue
9) Trichlorofluoromethane	1.77	101	30830	17.866	ug/L 100
34) Trichloroethene	5.96	95	2569	2.091	ug/L 82
46) Tetrachloroethene	8.02	164	83021	70.606	ug/L 97

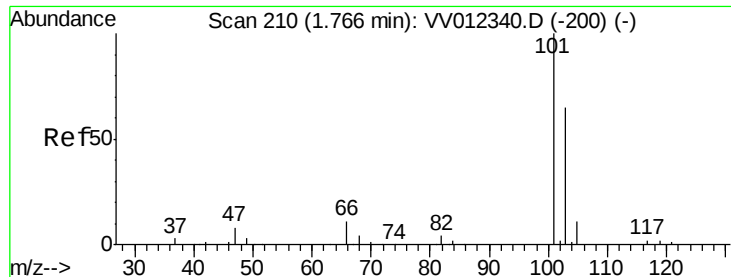
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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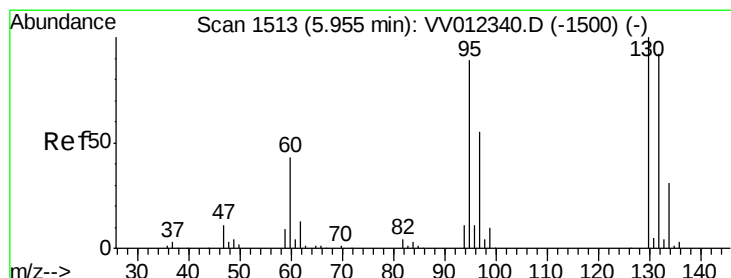
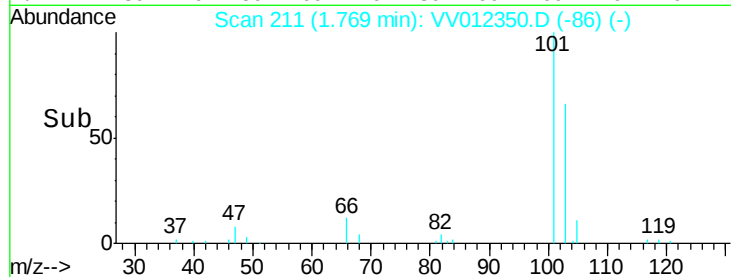
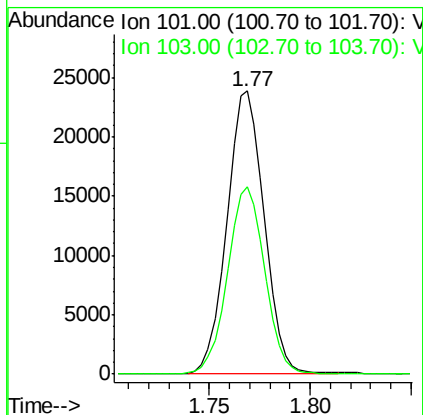
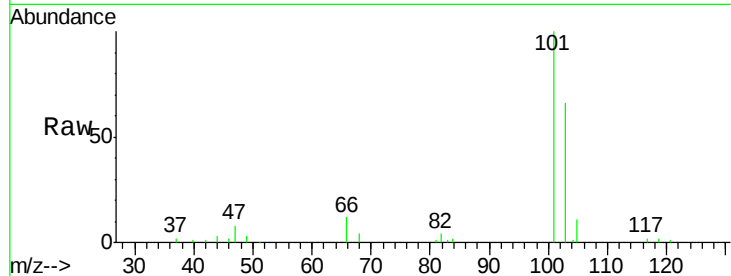


#9

Trichlorofluoromethane
Concen: 17.866 ug/L
RT: 1.77 min Scan# 211
Delta R.T. 0.00 min
Lab File: VV012350.D
Acq: 22 Aug 2019 16:18

Instrument :
MSVOA_V
ClientSampled :
C0XM7

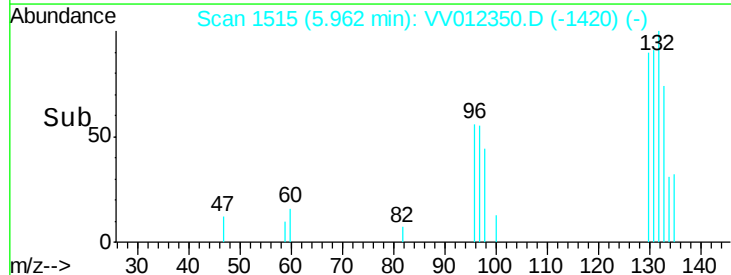
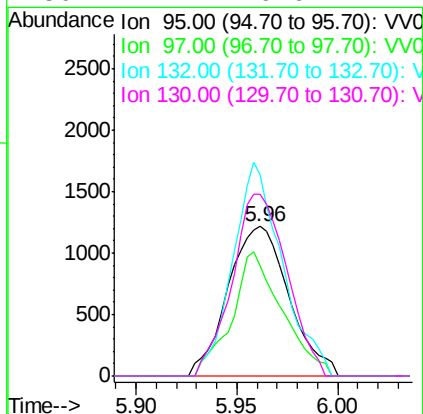
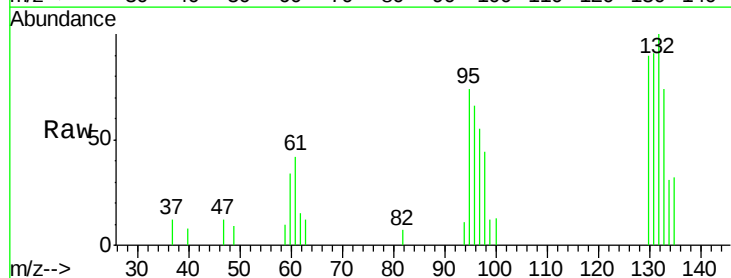
Tot Ion:101 Resp: 30830
Ion Ratio Lower Upper
101 100
103 66.1 53.2 79.8

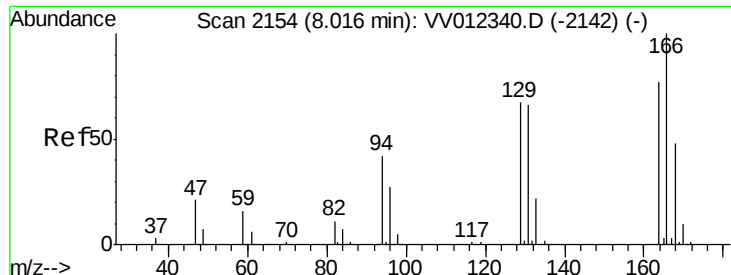


#34

Trichloroethene
Concen: 2.091 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.01 min
Lab File: VV012350.D
Acq: 22 Aug 2019 16:18

Tgt Ion: 95 Resp: 2569
Ion Ratio Lower Upper
95 100
97 73.8 43.6 81.0
132 134.3 73.9 137.3
130 121.4 76.6 142.2





#46

Tetrachloroethene

Concen: 70.606 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012350.D

Acq: 22 Aug 2019 16:18

Instrument :
MSVOA_V
ClientSampleId :
C0XM7

Tot Ion:164 Resp: 83021

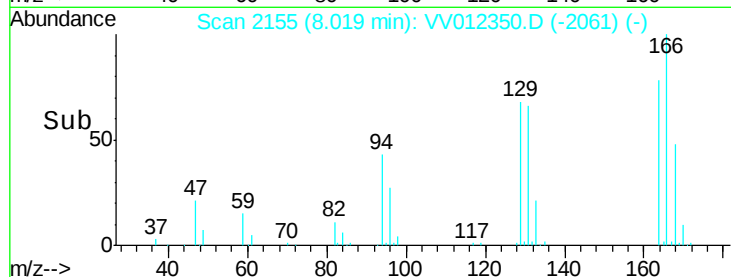
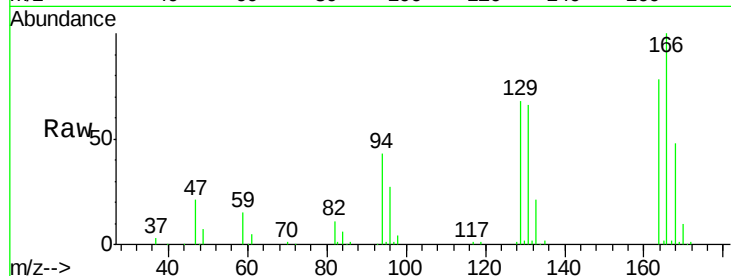
Ion Ratio Lower Upper

164 100

129 87.4 61.5 114.3

131 85.2 56.6 105.0

166 128.7 88.2 163.8



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

