

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112919\
 Data File : VV013854.D
 Acq On : 29 Nov 2019 16:55
 Operator : SY/MD
 Sample : K6061-08
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XQ6

Quant Time: Nov 29 23:53:51 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	653106	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	623968	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	287830	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	197247	51.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.16%
7) Chloroethane-d5	1.58	69	180166	57.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	115.74%
11) 1,1-Dichloroethene-d2	2.13	63	278587	41.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.30%
21) 2-Butanone-d5	3.92	46	284500	100.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.61%
24) Chloroform-d	4.40	84	405355	48.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.64%
26) 1,2-Dichloroethane-d4	5.08	65	264092	48.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.48%
32) Benzene-d6	5.10	84	836669	50.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.56%
36) 1,2-Dichloropropane-d6	6.11	67	255709	47.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.74%
41) Toluene-d8	7.36	98	720409	47.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.10%
43) trans-1,3-Dichloropropene-	7.66	79	112168	45.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.44%
47) 2-Hexanone-d5	8.13	63	194443	99.29	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.29%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	335497	49.46	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.92%
64) 1,2-Dichlorobenzene-d4	11.67	152	311607	54.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.62%

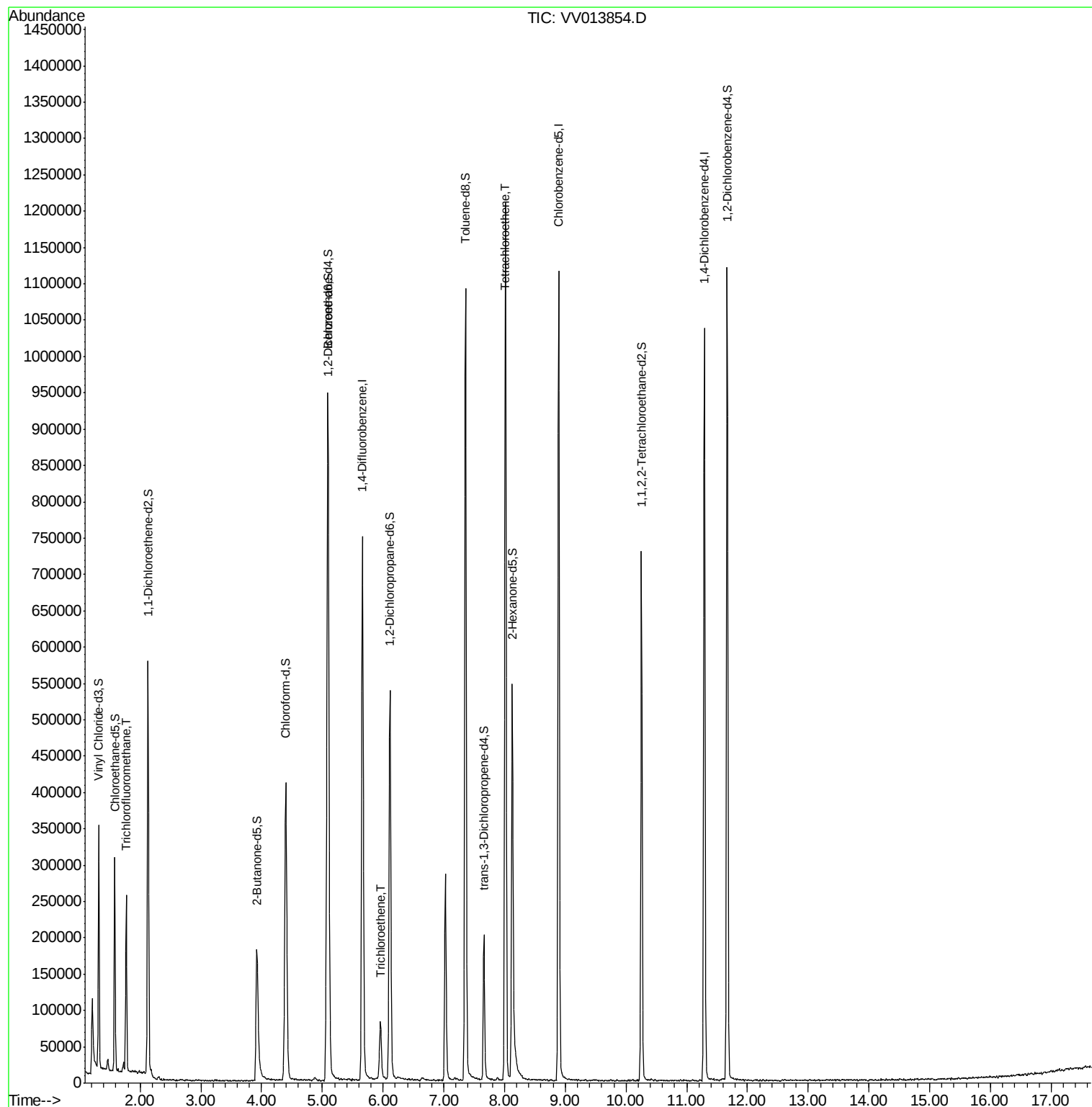
Target Compounds					Ovalue
9) Trichlorofluoromethane	1.77	101	138650	21.648 ug/L	98
34) Trichloroethene	5.96	95	23940	5.085 ug/L	95
46) Tetrachloroethene	8.02	164	295287	73.489 ug/L	97

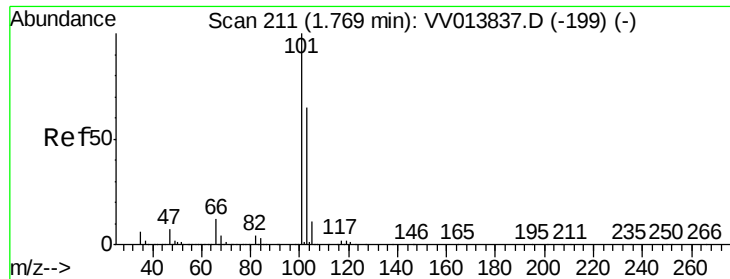
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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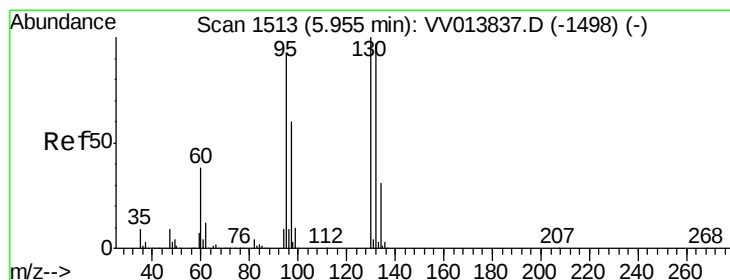
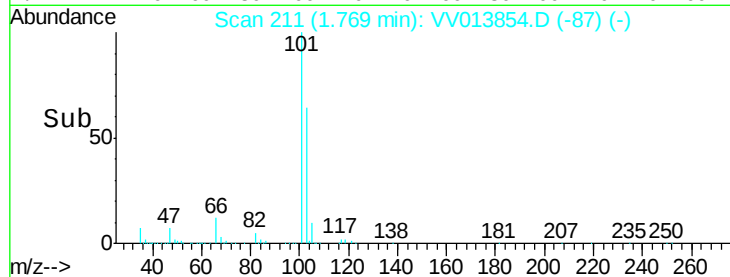
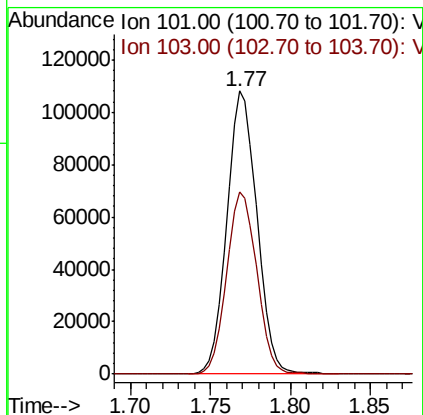
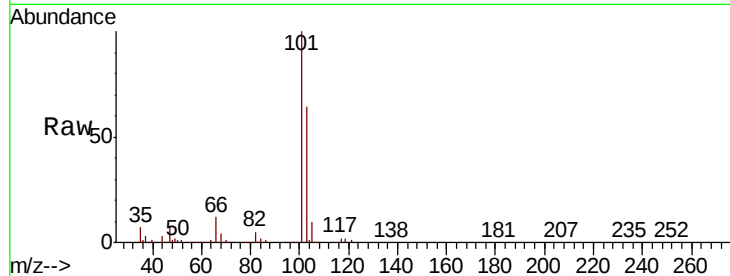


#9

Trichlorofluoromethane
Concen: 21.648 ug/L
RT: 1.77 min Scan# 211
Delta R.T. -0.00 min
Lab File: VV013854.D
Acq: 29 Nov 2019 16:55

Instrument :
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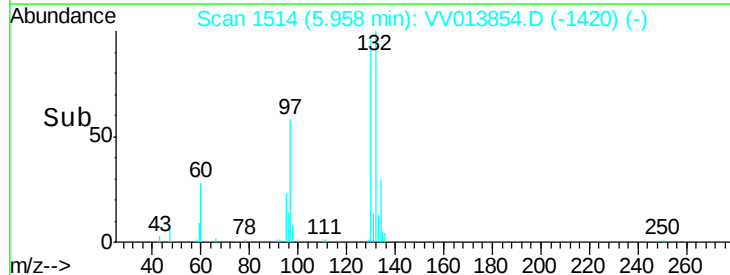
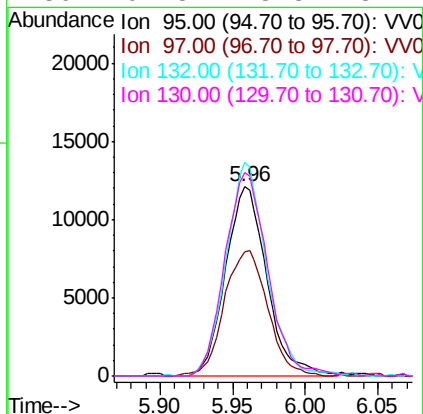
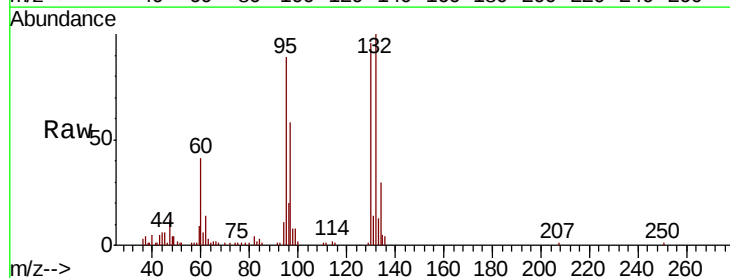
Tot Ion:101 Resp: 138650
Ion Ratio Lower Upper
101 100
103 64.2 52.5 78.7

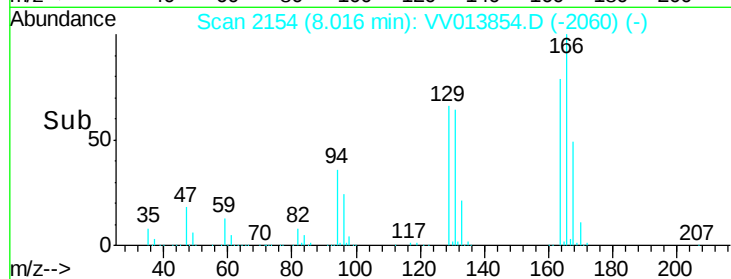
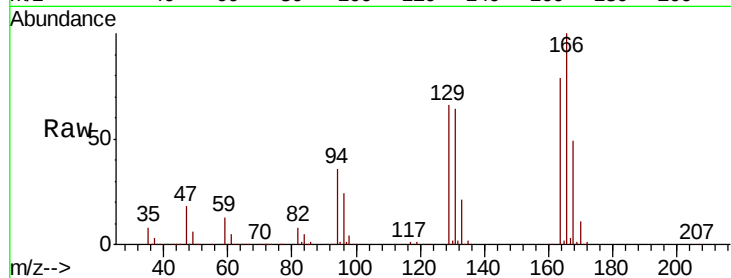
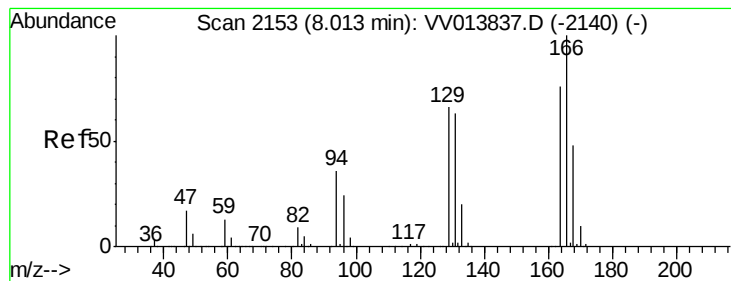


#34

Trichloroethene
Concen: 5.085 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013854.D
Acq: 29 Nov 2019 16:55

Tgt Ion: 95 Resp: 23940
Ion Ratio Lower Upper
95 100
97 65.9 45.1 83.7
132 112.8 71.7 133.1
130 107.8 73.8 137.2





#46

Tetrachloroethene

Concen: 73.489 ug/L

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV013854.D

Acq: 29 Nov 2019 16:55

Instrument :
MSVOA_V
ClientSampleId :
C0XQ6

Tot Ion:164 Resp: 295287

Ion Ratio Lower Upper

164 100

129 84.0 61.5 114.3

131 81.5 60.6 112.6

166 127.2 90.2 167.6

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

