

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080820\
 Data File : VV017877.D
 Acq On : 09 Aug 2020 00:26
 Operator : SY/MD
 Sample : L3608-11
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

Quant Time: Aug 10 06:57:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM080820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Aug 10 05:09:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	222755	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	213923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	110224	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58272	50.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	101.30%
7) Chloroethane-d5	1.58	69	50556	51.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.46%
11) 1,1-Dichloroethene-d2	2.12	63	101463	36.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.42%
21) 2-Butanone-d5	3.91	46	76582	106.31	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.31%
24) Chloroform-d	4.38	84	148101	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.05	65	115353	52.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.28%
32) Benzene-d6	5.07	84	258528	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.09	67	67364	53.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.56%
41) Toluene-d8	7.34	98	248810	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%
43) trans-1,3-Dichloropropene-	7.64	79	36468	45.21	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.42%
47) 2-Hexanone-d5	8.11	63	46303	102.07	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.07%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	98349	50.37	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	117819	52.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.86%

Target Compounds

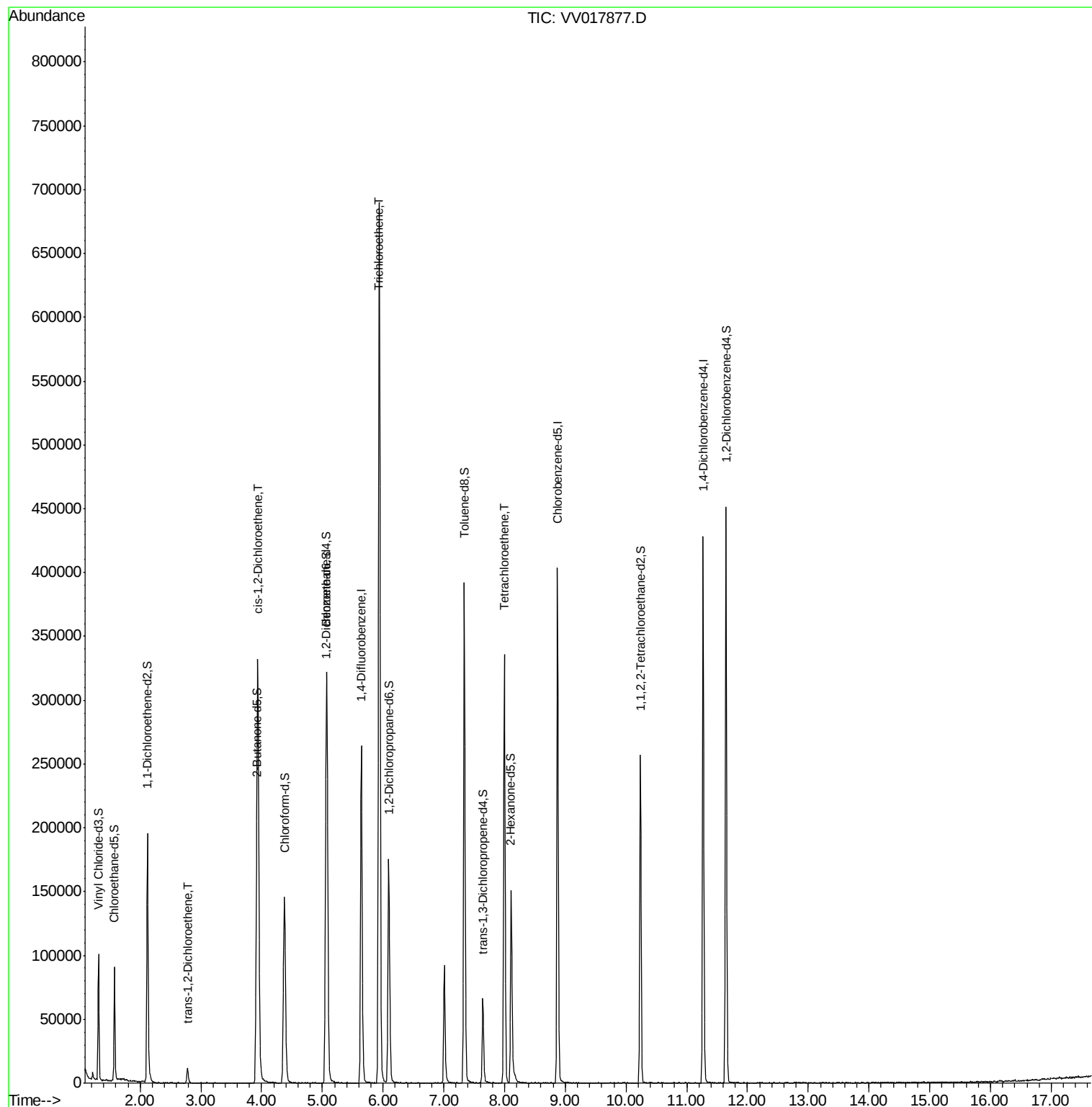
					Ovalue
17) trans-1,2-Dichloroethene	2.78	96	4256	3.177 ug/L	78
20) cis-1,2-Dichloroethene	3.94	96	176428	121.957 ug/L	96
34) Trichloroethene	5.94	95	222144	145.344 ug/L	99
46) Tetrachloroethene	8.00	164	75971	52.737 ug/L	97

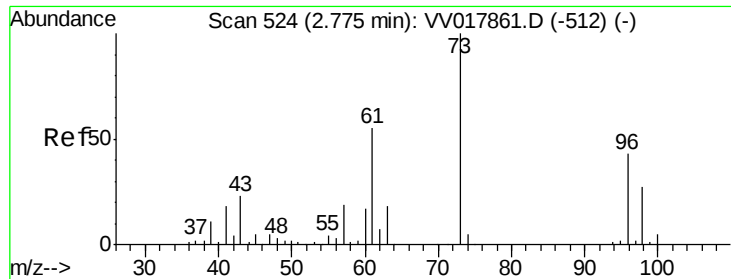
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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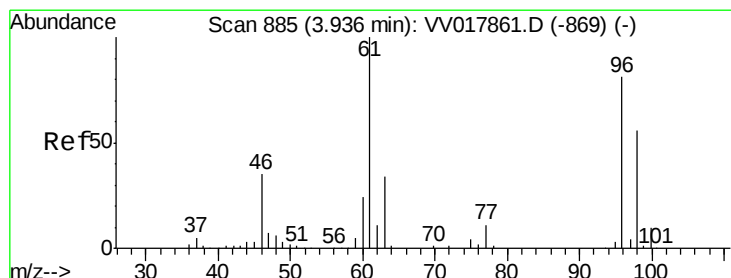
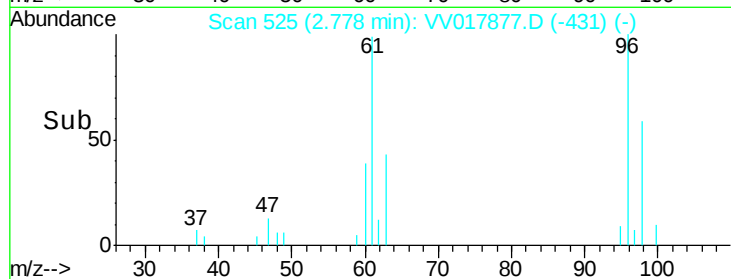
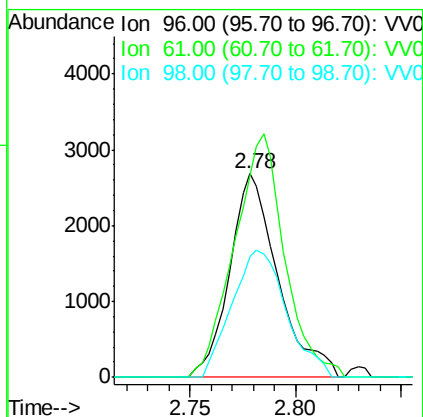
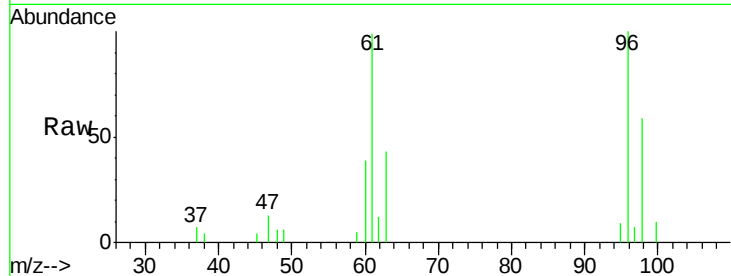




#17
trans-1,2-Dichloroethene
Concen: 3.177 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV017877.D
Acq: 09 Aug 2020 00:26

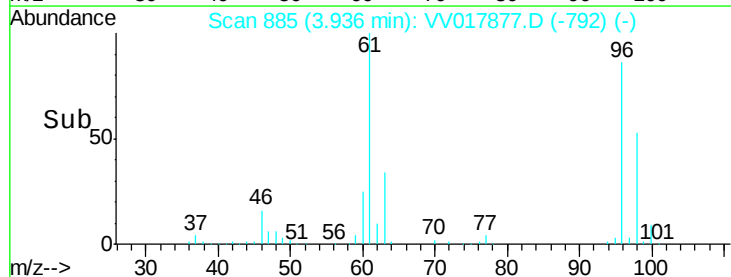
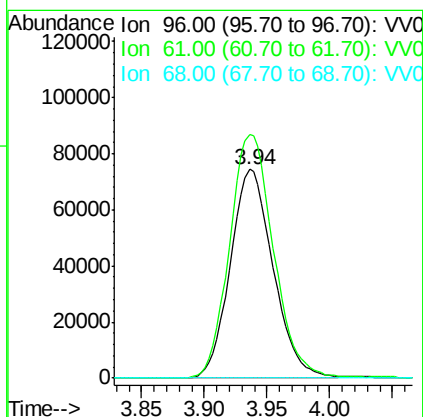
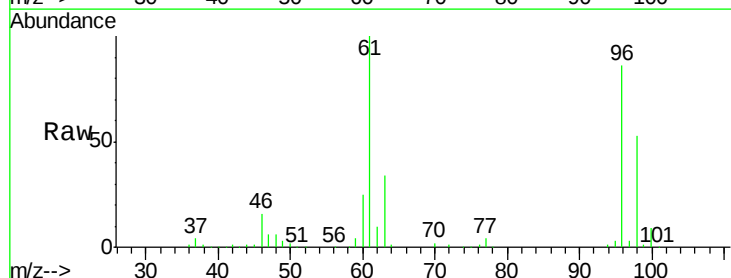
Instrument :
MSVOA_V
ClientSampleId :
F2L95

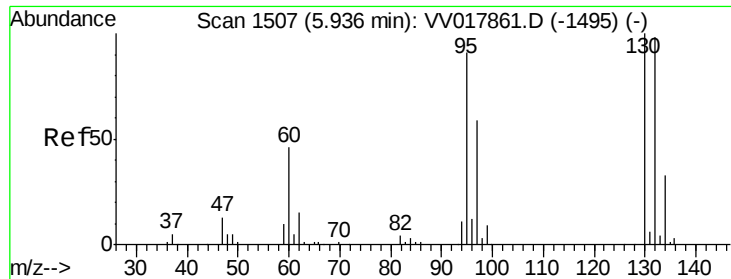
Tot Ion: 96 Resp: 4256
Ion Ratio Lower Upper
96 100
61 99.0 92.4 171.6
98 59.0 47.5 88.1



#20
cis-1,2-Dichloroethene
Concen: 121.957 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV017877.D
Acq: 09 Aug 2020 00:26

Tgt Ion: 96 Resp: 176428
Ion Ratio Lower Upper
96 100
61 116.5 84.4 156.8
68 0.0 0.0 0.0

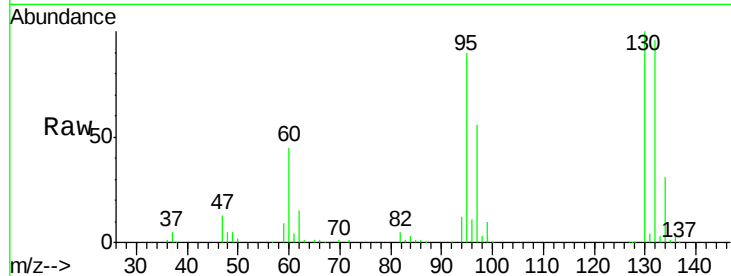




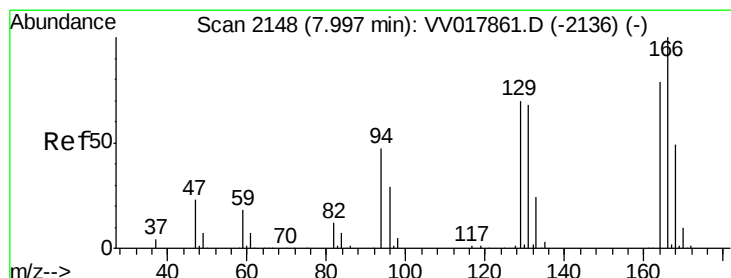
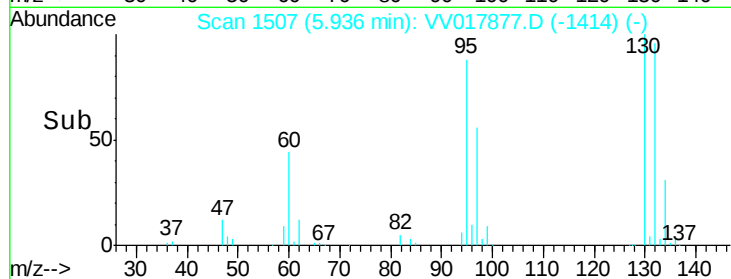
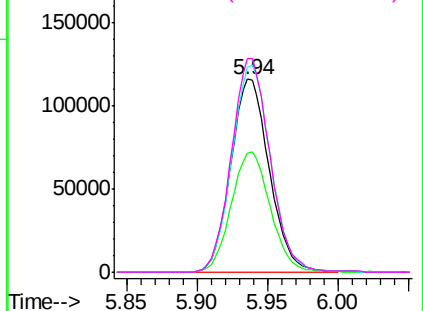
#34
 Trichloroethene
 Concen: 145.344 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV017877.D
 Acq: 09 Aug 2020 00:26

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L95

Tot Ion:	95	Resp:	222144
Ion	Ratio	Lower	Upper
95	100		
97	61.8	44.7	83.1
132	105.9	73.6	136.8
130	110.5	77.6	144.0

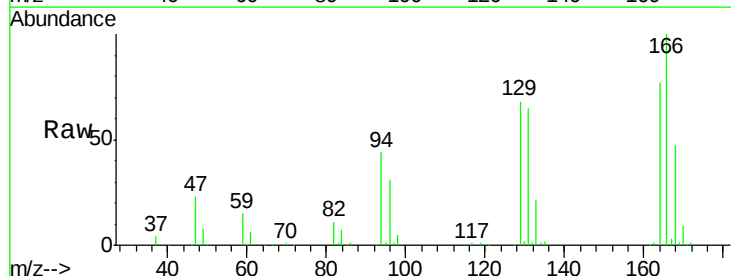


Abundance Ion 95.00 (94.70 to 95.70): VV017861.D (-1495) (-)
 Ion 97.00 (96.70 to 97.70): VV017861.D (-1495) (-)
 Ion 132.00 (131.70 to 132.70): VV017861.D (-1495) (-)
 Ion 130.00 (129.70 to 130.70): VV017861.D (-1495) (-)



#46
 Tetrachloroethene
 Concen: 52.737 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.00 min
 Lab File: VV017877.D
 Acq: 09 Aug 2020 00:26

Tgt Ion:	164	Resp:	75971
Ion	Ratio	Lower	Upper
164	100		
129	88.7	61.6	114.4
131	83.9	59.6	110.8
166	129.8	87.2	161.9



Abundance Ion 164.00 (163.70 to 164.70): VV017861.D (-2136) (-)
 Ion 129.00 (128.70 to 129.70): VV017861.D (-2136) (-)
 Ion 131.00 (130.70 to 131.70): VV017861.D (-2136) (-)
 Ion 166.00 (165.70 to 166.70): VV017861.D (-2136) (-)

